



Rijksdienst voor Ondernemend
Nederland

Nederland

De industriële eigendom

Inleiding**Hoofdblad**

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

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Introduction**Patent Bulletin**

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

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Overzicht van Inid codes

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

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

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"INID" Codes are used on the front pages of patent documents and in official gazettes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". The INID Codes are usually given in parenthesis adjacent to the appropriate bibliographic data item. The definitions of the INID Codes are given in WIPO Standard ST. 9 (as of June 2023) and are listed below.

- (11) Patent number
- (13) Kind-of-document code according to WIPO standard ST.16
- (15) Patent correction information
- (21) Application number
- (22) Date(s) of filing the application(s)
- (23) Other date(s)
- (25) Language in which the published application was originally filed
- (26) Language in which the application is published
- (30) Priority Data
- (31) Number(s) assigned to priority application(s)
- (32) Date(s) of filling of priority application(s)
- (33) WIPO Standard ST.3 code identifying the national patent office allotting the priority application number or the organization allotting the regional priority application number: for international applications filed under the PCT, the code "WO" is used.
- (34) For priority filings 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.

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| (43) Datum waarop de octrooiaanvraag is gepubliceerd. | (43) Date of making available to the public by printing or similar process of an unexamined patent document, on which no grant has taken place on or before the said date. |
| (44) Datum van publicatie van een onderzochte octrooiaanvraag die nog niet verleend is. | (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 waarop het octrooigeschrift is uitgegeven. | (45) Date of making available to the public by printing or similar process of a patent document on which grant has taken place on or before the said date. |
| (47) Datum van verlening van het octrooi. | (47) Date of making available to the public by viewing, or copying on request, a patent document on which grant has taken place on or before the said date. |
| (48) Datum waarop een correctie 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 en indien mogelijk, de indieningsdatum van de eerdere (octrooi) aanvraag waarvan de voorliggende (octrooi) aanvraag is afgesplitst. | (62) Number and, if possible, filing date of the earlier application from which the present document has been divided out. |
| (68) Nummer van het basisoctrooi behorende bij het ABC. | (68) For an SPC, number of the basic patent and/or, where appropriate, the publication number of the patent document. |
| (71) Na(a)m(en) van de aanvrager(s) | (71) Name(s) of the applicant(s) |
| (72) Na(a)m(en) van de uitvinder(s) indien ze als zodanig bekend zijn | (72) Name(s) of the inventor(s) if known to be such |
| (73) Na(a)m(en) van de octrooihouder(s) | (73) Name(s) of grantee(s), holder(s), assignee(s) or owner(s) |
| (74) Na(a)m(en) van de gemachtigde(n) | (74) Name(s) of the attorney(s) or agent(s) |
| (75) Na(a)m(en) van uitvinder(s) die tevens aanvrager(s) zijn | (75) Name(s) of inventor(s) who is (are) also applicant(s) |
| (81) Aangewezen landen volgens de PCT | (81) Designated States(s) according to the PCT |
| (83) Informatie over depots van micro-organismen | (83) Information concerning the deposit of microorganisms |
| (84) Aangewezen landen bij regionale octrooien | (84) Designated Contracting States under regional patent conventions |
| (92) Nummer en datum van de eerste nationale vergunning voor een ABC voor een geneesmiddel of gewasbeschermingsmiddel. | (92) For an SPC, number and date of the first national authorization to place the product on the market as a medicinal product or plant protection product. |
| (93) Nummer en datum (en indien van toepassing land van oorsprong) van de eerste EU vergunning voor een ABC voor een geneesmiddel of gewasbeschermingsmiddel. | (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 or plant protection product within a regional economic community. |
| (94) Berekende expiratedatum van het ABC. | (94) Calculated date of expiry of the SPC or the duration of the SPC. |
| (95) Het product beschermd door het basisoctrooi en waarvoor (de verlenging van) het ABC is aangevraagd of verleend. | (95) The product protected by the basic patent and in respect of which the SPC or the extension of the SPC has been applied for or granted. |

Rubrieken/Headings

NP1

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

(51) A01G 18/80	Konstantinos Nikiforidis	(54) Sunflower-based cooking cream
(21) 2033640	Saskia Maria Basilla Tersteeg	(71) Time-travelling Milkman B.V.
(22) 30.11.2022	Foivi Nikolaou	(74) ir. J.C. Volmer c.s.
(54) Device for discharging mushrooms from a conveyor	(41) 04.06.2024	(72) Saskia Maria Basilla Tersteeg
(71) Jacobus Alexander Jozef Lemmen	(51) A23K 10/12	Konstantinos Nikiforidis
(74) ir. M. van der Velden	A23K 50/75	Foivi Nikolaou
(72) Jacobus Alexander Jozef Lemmen	A23K 10/30	Gustav Maximilian Waschatko
(41) 04.06.2024	(21) 2036163	(51) A23L 33/105
(51) A01G 20/12	(22) 01.11.2023	A23L 33/135
A01G 20/15	(54) PREPARATION METHOD AND APPLICATION FOR BIOLOGICAL FERMENTED FEED BASED ON CASSAVA RESIDUES AND PEANUT MEAL	A61K 35/744
(21) 2033646	(71) Institute of Tropical Bioscience and Biotechnology, Chinese Academy of Tropical Agricultural Sciences	A61K 36/00
(22) 30.11.2022	(74) dr. T. Wittop Koning PhD	C12N 9/02
(54) SLAB HARVESTER	(72) Haiyan Sun	(21) 2035839
(71) Van Vuuren Machines B.V.	(41) 04.06.2024	(22) 20.09.2023
(74) ir. J.C. Volmer c.s.	(51) A23L 3/20	(54) MEDICINAL AND EDIBLE HOMOLOGOUS ENZYME WITH URIC ACID LOWERING EFFECT AND PREPARATION METHOD THEREOF
(72) Zhanna Rudakova van Vuuren	A23L 3/00	(71) GUIZHOU ZHENDE BIOTECHNOLOGY CO., LTD
(41) 04.06.2024	A23B 7/005	(74) ir. W.J.J.M. Kempes
(51) A01G 20/15	F26B 21/00	(72) Junlin Hu
A01G 20/12	A23L 17/60	Xinliang Hu
(21) 2033645	A23N 12/04	Guang Hu
(22) 30.11.2022	A23B 7/06	Pan Zhang
(54) SEDUM SLAB HARVESTER	A23B 7/02	(41) 30.05.2024
(71) Van Vuuren Machines B.V.	(21) 2034154	(31) 202211474903.4
(74) ir. J.C. Volmer c.s.	(22) 15.02.2023	(32) 23.11.2022
(72) Zhanna Rudakova van Vuuren	(54) BLANCHING DEVICE AND METHOD FOR SEAWEEEDS BY SUPERHEATED STEAM, AND DRYING SYSTEM FOR SEAWEEEDS BY SUPERHEATED STEAM	(33) China
(41) 04.06.2024	(71) Fishery Machinery and Instrument Research Institute, Chinese Academy of Fishery Sciences	(51) A23N 5/00
(51) A01G 31/02	Jiangyin Tenglong Manufacture Machinery Co., Ltd.	(21) 2036188
F04F 10/02	(74) ir. W.J.J.M. Kempes	(22) 06.11.2023
(21) 2033642	(72) Ye Zhu	(54) BIONIC EFFICIENT WALNUT SHELL BREAKING AND SHELL-KERNEL SEPARATION DEVICE AND SHELL-KERNEL SEPARATION METHOD
(22) 30.11.2022	Meng Yang	(71) Tarim University
(54) DRAIN ELEMENT FOR HYDROPONICS GROWTH TABLE	Xiaowei Zheng	(74) dr. T. Wittop Koning PhD
(71) Viscon Group Holding B.V.	Zhenjie Tang	(72) Xingyu Wang
(74) dr. ir. G.J.C. Verdijck c.s.	Tao Jiang	Zhanbiao Li
(72) Leen Willem Goud	Yang Hong	Yurong Tang
Max Middendorp	(41) 30.05.2024	Yongcheng Zhang
(41) 04.06.2024	(31) 202211480665.8	Yong Zeng
(51) A01K 29/00	(32) 24.11.2022	Biqi Mao
(21) 2033606	(33) China	(31) 202211511373.6
(22) 24.11.2022	(51) A23L 9/20	(32) 29.11.2022
(54) Veediermanagementsysteem	A23D 7/00	(33) China
(71) Lely Patent N.V.	A23D 7/005	(51) A61B 5/00
(74) ir. M.J.F.M. Corten	A23D 9/00	A61B 5/389
(72) Karel van den Berg	(21) 2033647	(21) 2033649
Korstiaan Cornelis Blokland	(22) 30.11.2022	(22) 30.11.2022
Martinus Cornelis Johannes Buijs	(54) Plant-based milk comprising sunflower oleosomes	(54) DEVICE FOR DETECTING AND TREATING BRUXISM AND METHOD FOR DOING THE SAME
Paulus Jacobus Maria van Adrichem	(71) Time-travelling Milkman B.V.	(71) Jawsense LTD
(51) A23C 11/10	(74) ir. J.C. Volmer c.s.	(74) dr. ir. G.J.C. Verdijck c.s.
(21) 2033648	(72) Gustav Maximilian Waschatko	(72) Catharina Johanna van der Zee
(22) 30.11.2022		

<p>Theodorus Sebastiaan Bergdorff (41) 04.06.2024</p> <hr/> <p>(51) A61K 31/4725 C07D 217/02 A61P 31/04 A61K 31/472 (21) 2033609 (22) 24.11.2022 (54) DNA Gyrase Inhibitors (71) John Innes Centre Universiteit Leiden (74) dr. A. Krebs (72) Richard J.H.B.N van den Berg Ioli Kotsogianni Jeroen M. Punt Constant A.A. van Boeckel Bing Liu Gilles P. van Wezel Alexander T. Bakker Dmitry Ghilarov Mario van der Stelt Diana Piermarini Nathaniel I. Martin Mariana Avalos (41) 30.05.2024</p> <hr/> <p>(51) A61P 3/04 A61K 35/745 C12N 1/20 A23L 33/135 A23C 9/123 (21) 2037591 (22) 30.04.2024 (54) APPLICATION OF BIFIDOBACTERIUM ANIMALIS SUBSP. LACTIS COMBINED MICROBIAL AGENT IN PREPARATION OF WEIGHT LOSS PREPARATIONS (71) China Agricultural University (74) ir. M.B. Plaggenborg (72) Jingjing He Jing Zhan Xifan Wang Ruixin Zhu Jiazeng Sun Wenbiao Shi Yanan Sun Jiayue Guo Xiaoyu Wang Peng An Huiyuan Guo Liang Zhao Ran Wang Bing Fang Jie Guo (31) 202310861318.8 (32) 14.07.2023 (33) China</p> <hr/> <p>(51) A61P 29/00 A61K 38/00 C07K 14/465 (21) 2033588 (22) 22.11.2022 (54) DUCK LIVER PROTEIN-DERIVED ANTI- INFLAMMATORY AND ANTIMICROBIAL FUNCTIONAL PEPTIDE AND PREPARATION METHOD AND APPLICATION THEREOF (71) Ningbo University Hangzhou Xueyu Biotechnology Co., Ltd.</p>	<p>(74) ir. M.B. Plaggenborg (72) Xiaojuan Li Daodong Pan</p> <hr/> <p>(51) A61P 35/00 C07K 14/415 A61K 38/38 (21) 2037643 (22) 07.05.2024 (54) METHOD FOR PROMOTING CELL ENDOCYTOSIS OF VEGETABLE ALBUMIN, AND APPLICATION THEREOF (71) China Agricultural University (74) ir. M.B. Plaggenborg (72) Yinhua Zhu Yixuan Li Chong Chen Chao Nie Juan Chen Weibo Zhang Rong Liu Jiaqiang Huang Jiayue Guo Hao Zhang Siyuan Liu Peng An Huiyuan Guo (31) 202310847576.0 (32) 12.07.2023 (33) China</p> <hr/> <p>(51) B01L 3/00 A61B 5/15 (21) 2033568 (22) 18.11.2022 (54) Flow assay device for collecting a blood sample (71) Daklapack Europe B.V. (74) ir. J.C. Volmer c.s. (72) Eryk Marcin Tomczak Dave Willem Klaassen (41) 30.05.2024</p> <hr/> <p>(51) B08B 1/00 B08B 5/04 B29C 45/14 (21) 2033591 (22) 22.11.2022 (54) Cleaning unit for a mould for encapsulating electronic components, moulding system and method for encapsulating electronic components (71) BESI NETHERLANDS B.V. (74) ir. H.Th. van den Heuvel c.s. (72) Albertus Franciscus Gerardus van Driel (41) 30.05.2024</p> <hr/> <p>(51) B25B 13/46 (21) 2037647 (22) 08.05.2024 (54) MULTI-FUNCTIONAL AND ADJUSTABLE RATCHET WRENCH (71) Jiao Lin (74) ir. M.B. Plaggenborg (72) Jiao Lin</p> <hr/> <p>(51) B25J 9/00 (21) 2033619 (22) 25.11.2022 (54) Autonomously adjustable passive soft exosuit with properties tuned according</p>	<p>to biomechanics-in-the loop simulations of assistance (71) Technische Universiteit Delft (74) drs. P.A. van Essen c.s. (72) Ajay Seth Cosimo Della Santina Sagar Dattatray Joshi (41) 31.05.2024</p> <hr/> <p>(51) B25J 11/00 B08B 3/02 (21) 2036222 (22) 09.11.2023 (54) Synchronous operation control system and method based on power plant energy-saving synergistic robot (71) Beijing Huiyan Zhongke Technology Development Co., Ltd (74) dr. T. Wittop Koning PhD (72) Yonglu Guo Xiaojun Han (31) 202211495837.9 (32) 28.11.2022 (33) China</p> <hr/> <p>(51) B29C 43/24 B30B 3/00 B08B 15/04 (21) 2037296 (22) 20.03.2024 (54) GRAPHITE CALENDER (71) Hebei Boxiang Special Graphite Co.Ltd (74) ir. M.B. Plaggenborg (72) Yong Zhang Tong Wang (31) 202311438435.X (32) 01.11.2023 (33) China</p> <hr/> <p>(51) B29C 64/118 B29C 64/386 B33Y 10/00 B33Y 50/00 B22F 10/18 B22F 10/38 (21) 2033564 (22) 18.11.2022 (54) Method of generating instructions for printing a 3D object (71) Ultimaker B.V. (74) dr. R.C. van Duijvenbode c.s. (72) Paul Kuiper Siert Wyna (41) 30.05.2024</p> <hr/> <p>(51) B32B 3/02 B32B 5/02 B32B 5/18 B32B 5/24 B32B 7/12 B32B 15/10 B32B 21/10 E04B 1/94 E04C 2/296 (21) 2034402 (22) 22.03.2023 (54) Wall panel for a mobile medical accommodation unit, a mobile medical accommodation unit and a method of constructing a wall panel for a mobile medical accommodation unit (71) Lamboo Medical Holding B.V.</p>
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(74) ir. H.A. Witmans c.s.	(74) ir. C.G.C. Veldman-Dijkers	E02D 13/04
(72) Joost Lambou	(72) Jozef Peter Hendrikus Linssen	(21) 2033633
(41) 04.06.2024	(41) 04.06.2024	(22) 28.11.2022
(51) B32B 3/12	(51) B64B 1/40	(54) UPENDING DEVICE
B32B 5/02	B64U 10/30	(71) IQIP Holding B.V.
B32B 29/02	B64U 10/20	(74) dr. A. Krebs
B32B 29/08	B64U 30/296	(72) Marius Peerdeman
E04C 2/296	(21) 2033602	Quinten Zuijdgeest
B32B 19/02	(22) 23.11.2022	(41) 04.06.2024
B32B 19/04	(54) A balloon enabled drone	(51) C05G 3/80
(21) 2033574	(71) Technische Universiteit Delft	C05G 3/40
(22) 20.11.2022	(74) dr. R.C. van Duijvenbode c.s.	(21) 2035345
(54) Sustainable Composite Materials	(72) Ashutosh Simha	(22) 11.07.2023
(71) Holland Composites B.V.	Ranga Rao Venkatesha Prasad	(54) SUGAR BEET HIGH-EFFICIENCY
(74) dr. A. Krebs	Suryansh Sharma	COMPOUND FERTILIZER AND
(72) Pieterjan Dwarshuis	(51) B65B 13/22	PREPARATION METHOD THEREOF
Sven Erik Janssen	B60P 7/08	(71) Inner Mongolia Academy of Agricultural &
(41) 30.05.2024	(21) 2036493	Animal Husbandry Sciences
(51) B32B 5/02	(22) 12.12.2023	(74) dr. T. Wittop Koning PhD
B32B 27/06	(54) ROTATING MECHANISM AND BINDING	(72) Peng Zhang
B32B 27/08	BELT TENSIONER	Lu Tian
B32B 27/12	(71) Ningbo Yinzhou Mairuo IMP.& EXP. Co.,	Chunyan Huang
B32B 27/28	Ltd.	Huimin Ren
B32B 3/06	(74) ir. A. Blokland c.s.	Zhenzhen Wang
(21) 2033573	(72) Yuan Yan	Taiyu Zhai
(22) 20.11.2022	(41) 04.06.2024	Yinghao Li
(54) Composite Material for Structural	(31) 202323014228	Caiyuan Jian
Insulation Panels	(32) 08.11.2023	Dejuan Kong
(71) Holland Composites B.V.	(33) China	Kang Han
(74) dr. A. Krebs	(51) B65B 43/26	Wenbin Su
(72) Sven Erik Janssen	B65B 5/00	Yahui Liang
Pieterjan Dwarshuis	B65G 17/20	Xiaoxia Guo
(41) 30.05.2024	(21) 2033626	Zhi Li
(51) B60R 9/10	(22) 28.11.2022	(41) 30.05.2024
B60R 9/06	(54) Systeem voor het selectief met discrete	(51) C07K 14/47
(21) 2037487	producten beladen van zakken.	C12N 5/0783
(22) 18.04.2024	(71) Vanderlande Industries B.V.	A61K 45/06
(54) BALL HEAD TYPE BICYCLE TAIL RACK	(74) ir. A. Blokland c.s.	C07K 14/705
FOR AUTOMOBILE	(72) Petrus Theodorus Cornelis Vervoort	C12N 15/86
(71) Jianbo Tao	Maikel Theodorus Petrus Willebrordus	(21) 2033636
(74) ir. M.B. Plaggenborg	van Dorst	(22) 29.11.2022
(72) Jianbo Tao	(51) B65D 19/00	(54) Receptor- and drug-dependent regulated
(51) B63B 27/30	(21) 2033575	on-site production of biologicals.
F03D 13/25	(22) 21.11.2022	(71) Stichting Het Nederlands Kanker
B63B 77/10	(54) A MODULAR PALLET	Instituut-Antoni van Leeuwenhoek
B63B 25/28	(71) IP RESERVE PTY LTD	Ziekenhuis
B63B 35/00	(74) dr. ir. G.J.C. Verdijk c.s.	(74) ir. A. Blokland c.s.
(21) 2033624	(72) Ty Hermans	(72) Antonius Nicolaas Maria Schumacher
(22) 28.11.2022	Ben Peterson	Ali Can Sahillioglu
(54) Feeder vessel for carrying a column pile,	Mayer Jung	(41) 04.06.2024
assembly comprising such feeder vessel,	(41) 30.05.2024	(51) C08L 67/02
and use of such feeder vessel, and use of	(31) 2022902959	C08L 67/04
such assembly	(32) 10.10.2022	C08L 101/16
(71) Barge Master IP B.V.	(33) Australia	(21) 2033576
Temporary Works Design Engineering	(51) B65F 1/14	(22) 21.11.2022
B.V.	B65F 1/16	(54) Polymer composite comprising
(74) ir. J.C. Volmer c.s.	B65F 1/00	micronized feldspar
(72) Berend Jan Hoogendijk	(21) 1044477	(71) Rosiro Intellectual Property B.V.
Pieter Albertus Beishuizen	(22) 28.11.2022	(74) ir. M. van der Velden
(41) 04.06.2024	(54) AFVALBAK	(72) Daniel Eric Lynch
(51) B63B 59/02	(71) Emilius Gerardus Michaël Oostveen	(41) 30.05.2024
B63B 3/14	(72) Emilius Gerardus Michaël Oostveen	(51) C09D 5/02
(21) 2033641	(41) 04.06.2024	C09D 5/08
(22) 30.11.2022	(51) B66C 13/08	C23C 22/68
(54) A watercraft comprising at least a hull	B66C 1/56	H01F 1/18
and at least one fender	B66C 1/10	(21) 2033562
(71) Vlootbeek Beheer B.V.	E04H 12/34	(22) 18.11.2022

- | | | |
|--|---|---|
| (54) AQUEOUS METAL TREATMENT COATING COMPOSITION AND COATING METHOD USING THE COMPOSITION | (74) ir. M. Cramwinckel
(72) Frederikus de Rink
Dandan Liu | (54) METHOD FOR SCREENING LACTOBACILLUS CASEI FERMENTATION AGENT METABOLIZING SUCROSE |
| (71) AD International B.V. | (51) C12N 5/04 | (71) Hunan Agricultural University |
| (74) ir. J.C. Volmer c.s. | C12P 17/18 | (74) ir. M.B. Plaggenborg |
| (72) Ian Segers
Richard Johannes van der Net | (21) 2035913 | (72) Yan Zhao |
| (41) 31.05.2024 | (22) 28.09.2023 | Yuan Li |
| (51) C10B 53/07 | (54) METHOD FOR PRODUCING DEOXY HARRINGTONINE WITH ANTI-TUMOR ACTIVITY USING SUSPENSION CULTURE CELLS | Yang Luo |
| C10G 1/10 | (71) Sanya Nanfan Research Institute of Hainan University | Jie Luo |
| (21) 2037340 | (74) ir. W.J.J.M. Kempes | Hao Zhang |
| (22) 27.03.2024 | (72) Xuefei Jiang | Yixuan Li |
| (54) HYDROCARBON COMPOSITIONS DERIVED FROM PYROLYSIS OF POSTCONSUMER AND/OR POST-INDUSTRIAL PLASTICS AND METHODS OF MAKING AND USE THEREOF | Peter Nick | Ran Wang |
| (71) Nexus Circular LLC | Liang Wang | Ke Fan |
| (74) dr. ir. G.J.C. Verdijck c.s. | Fei Qiao | Qingwu Shen |
| (72) Jeffrey W. Gold
Connor Cudney | (31) 202211479304.1 | Huiyuan Guo |
| (31) 18/594,296 | (32) 24.11.2022 | Pengjie Wang |
| 18/594,293 | (33) China | Hui Zhou |
| 18/204,519 | (51) C12N 9/20 | (31) 202311338728.0 |
| 18/204,521 | C12Q 1/34 | (32) 17.10.2023 |
| 18/204,523 | (21) 2037655 | (33) China |
| 18/204,524 | (22) 08.05.2024 | (51) C12Q 1/6895 |
| 18/204,525 | (54) Method for Determination of Banana Phospholipase A Activity and Its Application | C12Q 1/6858 |
| 18/204,527 | (71) Guangxi Zhuang Autonomous Region, Academy of Agricultural Sciences | (21) 2037580 |
| 18/204,536 | (74) dr. R.C. van Duijvenbode c.s. | (22) 30.04.2024 |
| 18/529,061 | (72) Min Huang | (54) CODOMINANT SSR MARKERS CLOSELY LINKED TO CITRIC ACID GENE qCitA, AND USE THEREOF |
| 18/529,063 | Lihong Xie | (71) YUNNAN TOBACCO QUALITY INSPECTION AND SUPERVISION STATION |
| 63/456,197 | Chunxia Huang | Yunnan Academy Of Tobacco Agricultural Sciences |
| (32) 04.03.2024 | Xuemei He | (74) ir. W.J.J.M. Kempes |
| 04.03.2024 | Changbao Li | (72) Zhijun Tong |
| 01.06.2023 | Jie Tang | Chunqiong Wang |
| 01.06.2023 | Dongning Ling | Yukui Li |
| 01.06.2023 | Fang Huang | Xingyi Duan |
| 01.06.2023 | Jian Sun | Jiwu Zhang |
| 01.06.2023 | Ting Gan | Jie Long |
| 01.06.2023 | Ping Yi | Haiyan Li |
| 01.06.2023 | Li Li | Zhouzhou Li |
| 01.06.2023 | Yuhan Long | Qing Zou |
| 05.12.2023 | Jiemin Li | Haowei Sun |
| 05.12.2023 | Yuxian Chen | Xiaowei Zhang |
| 31.03.2023 | Ming Xin | Yueting Huang |
| (33) United States of America | (31) 2023112181632 | Da Zong |
| United States of America | (32) 20.09.2023 | Ke Zhang |
| United States of America | (33) China | Yunfang Zhang |
| United States of America | (51) C12Q 1/6858 | Dan Chen |
| United States of America | C12Q 1/6888 | Ling Xia |
| United States of America | (21) 2037667 | Jieyun Cai |
| United States of America | (22) 11.05.2024 | (31) 202311663952.7 |
| United States of America | (54) MITOCHONDRIAL DNA SNP MOLECULAR MARKERS RELATED TO PIG BACK FAT THICKNESS AND THEIR APPLICATIONS | (32) 06.12.2023 |
| United States of America | (71) China Agricultural University | (33) China |
| United States of America | (74) dr. J. van Straaten | (51) C12Q 1/6895 |
| United States of America | (72) Yunxiang Zhao | C12Q 1/6858 |
| United States of America | Hai Xiang | (21) 2037581 |
| United States of America | Wenpeng Li | (22) 30.04.2024 |
| United States of America | Xingbo Zhao | (54) CODOMINANT SSR MARKERS CLOSELY LINKED TO NORNICOTINE GENE qnNIC, AND USE THEREOF |
| (51) C10L 3/08 | (51) C12Q 1/689 | (71) YUNNAN TOBACCO QUALITY INSPECTION AND SUPERVISION STATION |
| C10K 3/04 | A23C 9/123 | Yunnan Academy Of Tobacco Agricultural Sciences |
| C12P 5/02 | (21) 2037597 | (74) ir. W.J.J.M. Kempes |
| (21) 2034744 | (22) 02.05.2024 | |
| (22) 02.05.2023 | | |
| (54) A PROCESS TO CONVERT A MIXTURE OF CARBON MONOXIDE AND HYDROGEN TO METHANE | | |
| (71) PAQELL B.V. | | |

(72) Jie Long Haiyan Li Haowei Sun Xingyi Duan Ling Xia Dan Chen Jieyun Cai Da Zong Zhouzhou Li Jiwu Zhang Yunfang Zhang Yueting Huang Zhijun Tong Ke Zhang Yukui Li Xiaowei Zhang Chunqiong Wang Qing Zou	Frederikus de Rink Jan Henk van Dijk	(54) Apparatus and assembly for operating a door handle
(31) 202311663950.8	(51) E02D 7/18	(71) High Tech Alliance Projects B.V.
(32) 06.12.2023	E02D 5/28	(74) ir. A. Blokland c.s.
(33) China	E02D 5/30	(72) Jelle Adrianus Antonius Jacobs
(51) C22C 9/00	E02D 13/10	Guillaume Antonius Maria Steyvers
C23C 24/04	E02D 5/00	(41) 04.06.2024
(21) 2037551	E02D 5/22	(51) E21B 19/16
(22) 26.04.2024	E02D 5/24	E21B 29/00
(54) AN AMORPHOUS ALLOY	(21) 2033620	E21B 33/13
REINFORCED CU-BASED COMPOSITE	(22) 25.11.2022	(21) 2033608
COATING AND COMPOSITE BLOCK	(54) Pile modifications for gentle driving of piles	(22) 24.11.2022
MATERIAL AND ITS PREPARATION	(71) Technische Universiteit Delft	(54) Arrangements and methods for well abandonment
METHOD	(74) drs. P.A. van Essen c.s.	(71) Callidus Capital B.V.
(71) Taizhou University	(72) Stanislav Verichev	(74) ir. H.A. Witmans c.s.
(74) ir. M.B. Plaggenborg	Sergio Sanchez-Gomez	(72) Feitze Veenstra
(72) Juan Lang	Andrey Vladimirovich Metrikine	(41) 30.05.2024
Chengqing Liu	(51) E02D 17/20	(51) E21D 9/12
Liu Zhu	E02B 3/04	(21) 2037737
Na Zha	(21) 2034013	(22) 21.05.2024
Weiwei Li	(22) 23.01.2023	(54) DEVICE FOR DISCHARGING SLAG FROM SHIELD TUNNELS
Mingxiao Luo	(54) PREFABRICATED LATTICE BEAM SLOPE PROTECTION STRUCTURE AND CONSTRUCTION METHOD THEREFOR	(71) China Railway South Investment Group Co., Ltd.
Feilong Xu	(71) Civil Aviation Flight University of China	China Railway Eighth Division Group Co., Ltd.
Ling Shao	Sichuan Agricultural University	(74) ir. M.B. Plaggenborg
Yincheng Wu	Chengdu University of Information Technology	(72) Kai Zhou
Kerui Peng	(74) ir. M.B. Plaggenborg	Yue Lin
Na Xue	(72) Wei Wei	Conghui Dong
Yingqi Huang	Xiaohong Tang	Zongli Wei
(31) 2024100939776	Li Yang	Ran Chen
(32) 23.01.2024	Ying Zhou	Jian Hu
(33) China	Min Li	Yihui Jiang
(51) C25B 15/08	Gang Li	Dong Tang
C25B 11/085	Luyun Zhang	Jiang Du
C25B 9/015	Chang Yang	Run Zou
C25B 1/01	Xiao Zhang	Huaqiang Chen
C25B 1/22	Qi Li	Langfeng Kang
C25B 3/03	(41) 31.05.2024	(31) 2024104905406
C25B 3/20	(31) 202211489038.0	(32) 23.04.2024
C25B 3/26	(32) 25.11.2022	(33) China
C25B 9/23	(33) China	(51) E21D 11/14
C25B 9/70	(51) E04D 13/16	(21) 2037735
C25B 11/052	E04D 11/02	(22) 21.05.2024
C25B 11/065	(21) 2033593	(54) ANTI-GUSHING DEVICE FOR SHIELD TUNNEL BOTTOM GROUTING IN SAND SEAM
C25B 13/02	(22) 22.11.2022	(71) China Railway South Investment Group Co., Ltd.
(21) 2034863	(54) Gebouw met een dak voorzien van een brandwerende laag	China Railway Eighth Division Group Co., Ltd.
(22) 19.05.2023	(71) WEDA Holland B.V.	China Railway South Investment Group Co., Ltd.
(54) REACTOR FOR USE IN A BIOELECTROCHEMICAL PROCESS	(74) ir. G.J.M. Verhees	(74) ir. M.B. Plaggenborg
(71) PAQELL B.V.	(72) Uitvinder ziet af van tenaamstelling.	(72) Jingfeng Peng
(74) ir. M. Cramwinckel	(51) E04F 13/08	Song Luo
(72) Sandra Schreuder	E04F 13/10	Yuan Gao
Dandan Liu	E04F 15/02	Yonghong Lu
	(21) 2033592	Enze Zhao
	(22) 22.11.2022	Kai Deng
	(54) HOUTEN WANDPANEEL	Siming Chen
	(71) Investeringsmaatschappij Broersen BV	Liangjie Cao
	(74) dr. ir. G.J.C. Verdijk c.s.	Ai Wang
	(72) Cornelis Johannes Broersen	Wuyi Zhou
	(51) E05B 1/00	Lei Feng
	(21) 2033627	Li Yang
	(22) 28.11.2022	(31) 2024104758341
		(32) 19.04.2024

(33) China	(71) SUZHOU UNIVERSITY OF SCIENCE AND TECHNOLOGY	Zhejiang WASON Cold Chain Science and Technology Co., Ltd.
(51) F16M 11/08	(74) dr. A.V. Huygens	(74) ir. M.B. Plaggenborg
A47C 1/00	(72) Zhengwei Li	(72) Songtao Zhang
B08B	Rundong Liu	Linghua He
(21) 2037140	(31) 202420566194.0	Jian Wu
(22) 28.02.2024	(32) 22.03.2024	Tongfeng Zhang
(54) A apparatus for evaluating the spatial efficiency of regional facilities	(33) China	(51) G01N 1/30
(71) Huazhong University Of Science And Technology	(51) F24F 11/64	(21) 2033625
(74) ir. W.J.J.M. Kempes	F24F 11/74	(22) 28.11.2022
(72) Junqing Zhu	F24F 3/00	(54) Tissue sample preparation
Zhuoran Shan	(21) 2036335	(71) Stichting ISALA Klinieken
Yuedi Chen	(22) 23.11.2023	Tispa Medical B.V.
Tengwen Zhang	(54) Controlled mechanical ventilation system for the ventilation of at least one dwelling	(74) drs. P.A. van Essen c.s.
Xinyue Zhang	(71) ATLANTIC CLIMATISATION ET TRAITEMENT D'AIR INDUSTRIE	(72) Geert Feye Woerlee
(31) CN2024100916134	(74) dr. E.M.F. Eulaers	Ian Ranald Spoelstra
(32) 23.01.2024	(72) Vincent Aucouturier	(41) 04.06.2024
(33) China	Hector Bravo	(51) G01R 31/00
(51) F21S 8/08	(41) 30.05.2024	G01R 31/12
F21V 17/10	(31) 2212229	(21) 2036151
F21V 23/00	(32) 23.11.2022	(22) 30.10.2023
F21V 15/01	(33) France	(54) SIMULATION SYSTEM AND METHOD FOR HIGH VOLTAGE WET TEST
F21W 131/103	(51) F25B 25/00	(71) Xi'an High Voltage Apparatus Research Institute Co., Ltd.
(21) 2033601	F24T 50/00	(74) dr. ir. G.J.C. Verdijck c.s.
(22) 23.11.2022	(21) 2037583	(72) Meng Shen
(54) FUNCTIONAL HEAD AND METHOD FOR ASSEMBLING THE SAME	(22) 30.04.2024	Chunmin Zhang
(71) SCHREDER S.A.	(54) MULTI-MODE COOLING AND HEATING DUAL SUPPLY SYSTEM USING GEOTHERMAL ENERGY	Chungjing Su
(74) dr. ir. G.J.C. Verdijck c.s.	(71) Dongguan University of Technology	Qiang Li
(72) Emese Görgényi	(74) drs. C.M.A. Quintelier	Chen Liu
Zoltán Janki	(72) Hongjing Fu	(31) 202211477448.3
Balázs Csikós	Yantong Li	(32) 23.11.2022
Péter Ifj Budavári	Zesong Fu	(33) China
(41) 30.05.2024	Zhiqi Zhong	(51) G01S 15/00
(51) F21V 23/00	Huubin Yin	G01S 15/10
F21V 15/01	Shuting Liang	G01S 15/32
F21V 17/00	Chang Liu	G01S 15/89
F21V 21/30	Xiaoqi Zhu	(21) 2033566
F21S 8/08	(31) 202420498174.4	(22) 18.11.2022
(21) 2033710	(32) 14.03.2024	(54) Method and System for Mapping a Region
(22) 12.12.2022	(33) China	(71) FNV IP B.V.
(54) LUMINAIRE HEAD ASSEMBLY	(51) F28D 20/00	(72) Vsevolod Kovalenko
(71) SCHREDER S.A.	F24H 1/18	Arnoud Jongsma
(74) dr. ir. G.J.C. Verdijck c.s.	F24D 17/00	(41) 30.05.2024
(72) Morgan Vyvey	F24D 3/08	(51) G01S 15/00
Paul Smets	(21) 2033597	G01S 15/10
(41) 30.05.2024	(22) 22.11.2022	G01S 15/42
(31) 2033610	(54) HEAT BUFFER SYSTEM AND SYSTEM FOR HEATING TAP WATER AND/OR CENTRAL HEATING WATER	G01S 15/32
(32) 24.11.2022	(71) Egbert Edward de Jager	G01S 15/58
(33) Netherlands	(74) W.J. Slikker	G01S 15/89
(51) F24F 1/03	(72) Egbert Edward de Jager	G01S 15/96
F24F 1/56	(41) 30.05.2024	G01S 7/521
(21) 2033603	(51) G01M 17/00	G01S 7/527
(22) 23.11.2022	G01M 9/04	(21) 2033567
(54) Heat pump assembly and method for providing a heat pump assembly to a building	(21) 2037649	(22) 18.11.2022
(71) Preworxs B.V.	(22) 08.05.2024	(54) Method and System for Mammal Detection
(74) ir. H.A. Witmans c.s.	(54) VEHICLE TEST SYSTEM CONSIDERING RELATIVE WIND SPEED AND CONTROL METHOD THEREOF	(71) FNV IP B.V.
(72) Johannes Theodorus Koldijk	(71) Zhejiang University of Science and Technology	(72) Arnoud Jongsma
(41) 30.05.2024		Vsevolod Kovalenko
(51) F24F 3/147		(41) 30.05.2024
(21) 2037519		(51) G01W 1/10
(22) 22.04.2024		G06N 3/08
(54) A Cabinet-type Rotary Wheel Dehumidification Device for Natatorium		G06N 3/049
		G06F 18/24

- G06N 5/00
(21) 2033915
(22) 06.01.2023
(54) MONTHLY PRECIPITATION FORECASTING MODEL WITH THE TEMPORAL CONVOLUTIONAL NETWORK
(71) Jiangxi Normal University
(74) dr. T. Wittop Koning PhD
(72) Chaoyang Fang
Lizhi Tao
(31) 202211476547.X
(32) 23.11.2022
(33) China
-
- (51) G06F
G06N
(21) 2035979
(22) 09.10.2023
(54) SIGN LANGUAGE RECOGNITION SYSTEM BASED ON WEARABLE COMPUTING
(71) Dalian University of Technology
(74) ir. W.J.J.M. Kempes
(72) Yongtao Chen
Mingjie Guo
Huihui Wang
Zhelong Wang
Yuntong Kang
Sen Qiu
Ruicheng Nie
-
- (51) G06F 18/24
G08B 17/00
G06F 18/27
G06V 20/13
(21) 2034139
(22) 13.02.2023
(54) Evaluation Model Construction and Prediction Method Based on Subtropical Forest Fire Intensity
(71) Jiangxi Normal University
(74) dr. T. Wittop Koning PhD
(72) Zhiwei Wu
(31) 202211656160.2
(32) 22.12.2022
(33) China
-
- (51) G06N 3/02
G01V 1/30
(21) 2037646
(22) 08.05.2024
(54) INTELLIGENT RECOGNITION METHOD FOR ROCK FORMATION BASED ON VIBRATION SIGNALS WHILE DRILLING UNDER STRONG NOISE
(71) Coal Geological Exploration Institute Of Gansu / Gansu mei tan di zhi kan cha yuan
Chongqing University
(74) ir. M.B. Plaggenborg
(72) Zhizhong Li
Wanling Li
Chengwen Yang
Xiang Peng
Chenglong Shao
Zhen Gui
-
- (51) G06Q 10/0631
H04W 4/029
(21) 2035773
(22) 10.09.2023
- (54) INTELLIGENT SAFETY MANAGEMENT SYSTEM FOR SKI RESORTS
(71) Northwest Institute of Eco-Environment and Resources, CAS
(74) dr. T. Wittop Koning PhD
(72) Shijin Wang
Yanjun Che
Xinggong Ma
(41) 30.05.2024
-
- (51) G06Q 30/0217
G06Q 30/0601
(21) 2034157
(22) 15.02.2023
(54) AI PERSONAL FRAGRANCE CONSULTATION AND FRAGRANCE SELECTION/RECOMMENDATION
(71) COTY Inc
(74) B. Moore
(72) Mariano Agustin Rodriguez-Fraticelli
Shanna Weinblatt
Sophie Raviot-Derrien
Michael John Baker
David Joyal
Yoann LeTensorer
(41) 04.06.2024
(31) 63/385088
(32) 28.11.2022
(33) United States of America
-
- (51) G08G 1/01
G06F 30/18
G06Q 50/26
(21) 2036343
(22) 24.11.2023
(54) METHOD AND APPARATUS FOR OPTIMIZING TRAFFIC MICRO-CIRCULATION NETWORK IN URBAN RENEWAL
(71) CHINA ARCHITECTURE DESIGN & RESEARCH GROUP
(74) drs. C.M.A. Quintelier
(72) Meng Jia
Jingwei Li
Chang Liu
He Liu
Ye Zhou
Quan Jing
(31) 202211489088.9
(32) 25.11.2022
(33) China
-
- (51) G10K 11/16
(21) 2035366
(22) 13.07.2023
(54) Noise mitigation system and method for mitigating underwater sound emissions from a source of sound
(71) TME B.V.
(74) ir. F.A. Geurts c.s.
(72) Ruben Hooikammer
Jasper Hollewand
-
- (51) H01H 13/02
H01H 19/02
H01H 71/10
(21) 2036330
(22) 22.11.2023
(54) Device for linear actuation of switch combinations
(71) Eaton Intelligent Power Limited
(74) ir. W.J.J.M. Kempes
- (72) Dominik Dornhackl
Heramb Barwekar
Sebastian Schermann
Bernd Spritzendorfer
(31) 202211066921
2300065.6
(32) 22.11.2022
04.01.2023
(33) India
United Kingdom
-
- (51) H01J 37/32
(21) 2033565
(22) 18.11.2022
(54) VOLTAGE WAVEFORM GENERATOR FOR ION ENERGY CONTROL IN PLASMA PROCESSING
(71) Prodrive Technologies Innovation Services B.V.
(74) ir. M. van der Velden
(72) Erik Lemmen
Qihao Yu
Bastiaan Joannes Daniël Vermulst
(41) 30.05.2024
-
- (51) H01L 25/18
H01L 23/48
H01L 25/065
H01L 23/00
H01L 23/538
(21) 2037235
(22) 20.05.2022
(54) QUASI-MONOLITHIC HIERARCHICAL INTEGRATION ARCHITECTURE
(62) 2034918 (25.05.2023)
2031953 (20.05.2022)
(71) Intel Corporation
(74) dr. A. Krebs
(72) Julien Sebot
Johanna Swan
Shawna M. Liff
Adel A. Elisherbin
(31) 17/354,773
(32) 22.06.2021
(33) United States of America
-
- (51) H01M 50/00
(21) 2037606
(22) 02.05.2024
(54) AIR PREFILTER DEVICE FOR FUEL CELL, CONTROL METHOD THEREOF, AND FUEL CELL
(71) Shanghai XCMG Intelligent Technology Co., Ltd.
JIANGSU XCMG CONSTRUCTION MACHINERY RESEARCH INSTITUTE LTD.
(74) M. Schmid
(72) Yunfeng Gao
Cheng Ding
Jia Wang
(31) 202311195848.X
(32) 15.09.2023
(33) China
-
- (51) H01R 24/48
(21) 2037422
(22) 10.04.2024
(54) Electrical connector and control system and components thereof
(71) Hunan First Normal University
(74) ir. W.J.J.M. Kempes

- (72) Junfeng Man
Song Cai
Bowen Liu
Zhijian He
Nengru Tao
- (31) 2023109539806
(32) 01.08.2023
(33) China
-
- (51) H02J 3/14
G06Q 50/06
- (21) 2035362
(22) 13.07.2023
(54) Low-frequency and low-voltage load shedding method considering the active regulation characteristics of new energy sources
- (71) State Grid Henan Electric Power Research Institute
State Grid Henan Electric Power Company
- (74) dr. T. Wittop Koning PhD
- (72) Weidong Ma
Yang Wang
Wei Han
Yiqi Dang
Chao Liu
Wenyan Duan
Lei Liu
- (31) 202211528935.8
(32) 30.11.2022
(33) China
-
- (51) H02S 40/44
F24S 10/75
- (21) 2034318
(22) 10.03.2023
(54) Installation of a heat exchanger and a photovoltaic panel
- (71) ALIUS BEHEER B.V.
Escom B.V.
- (74) ir. H.A. Witmans c.s.
- (72) Wilhelmus Hubertus van der Meijden
Gerrit Willem Kamphuis
Sander van Osch
Rene van Velzen
Berend Albert Willem Dorland
- (41) 04.06.2024
-
- (51) H05B 45/10
H05B 47/155
H05B 45/42
- (21) 2034120
(22) 09.02.2023
(54) THREE-WIRE FOUR-WAY LED LAMP STRING
- (71) Linhai Weihong Christmas Lighting Co.,Ltd.
- (74) dr. G. Visser-Luirink
- (72) Weiwei Qu
- (41) 31.05.2024
(31) CN2022233910544
(32) 18.12.2022
(33) China
-

NP2

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

(51) A01B 79/02 B09C 1/08 C09K 17/04	(11) 2036258 (47) 30.05.2024 (22) 13.11.2023	(11) 2033606 (47) 30.05.2024 (22) 24.11.2022	A23B 7/02 (11) 2034154 (47) 30.05.2024
(54) IMPROVING METHOD FOR SALINE-ALKALI SOIL	(73) Wenzhou Plant Protection and Soil Fertiliser Management Station	(54) Veediermanagementsysteem (73) Lely Patent N.V. (72) Karel van den Berg Korstiaan Cornelis Blokland Martinus Cornelis Johannes Buijs Paulus Jacobus Maria van Adrichem	(22) 15.02.2023 (54) BLANCHING DEVICE AND METHOD FOR SEAWEEDS BY SUPERHEATED STEAM, AND DRYING SYSTEM FOR SEAWEEDS BY SUPERHEATED STEAM
(72) Ruohui Lu Mengni Li Liya Ma Ze Wang Xiangyu Huang Jie Zhu Bo Wu Xiaocong Xie Yue Shao Tingyun Ye Yimian Huang	(74) ir. M.J.F.M. Corten	(74) ir. M.J.F.M. Corten	(73) Fishery Machinery and Instrument Research Institute, Chinese Academy of Fishery Sciences Jiangyin Tenglong Manufacture Machinery Co., Ltd.
(74) drs. C.M.A. Quintelier	(51) A23C 11/10 (11) 2033648 (47) 04.06.2024 (22) 30.11.2022	(51) A23C 11/10 (11) 2033648 (47) 04.06.2024 (22) 30.11.2022	(72) Ye Zhu Meng Yang Xiaowei Zheng Zhenjie Tang Tao Jiang Yang Hong (74) ir. W.J.J.M. Kempes (31) 202211480665.8 (32) 24.11.2022 (33) China
(51) A01G 18/80 (11) 2033640 (47) 04.06.2024 (22) 30.11.2022	(54) Device for discharging mushrooms from a conveyor	(54) WERKWIJZE EN INRICHTING VOOR HET DOSEREN VAN HOLLE CHOCOLADE FIGUREN EN DE VERKREGEN HOLLE CHOCOLADE FIGUREN	(51) A23L 9/20 A23D 7/00 A23D 7/005 A23D 9/00
(73) Jacobus Alexander Jozef Lemmen (72) Jacobus Alexander Jozef Lemmen (74) ir. M. van der Velden	(73) Libeert NV (72) Georges Libeert (74) ir. J.P.E. Brants (31) 2021/5293 (32) 14.04.2021 (33) Belgium	(73) Libeert NV (72) Georges Libeert (74) ir. J.P.E. Brants (31) 2021/5293 (32) 14.04.2021 (33) Belgium	(11) 2033647 (47) 04.06.2024 (22) 30.11.2022 (54) Sunflower-based cooking cream (73) Time-travelling Milkman B.V. (72) Saskia Maria Basilla Tersteeg Konstantinos Nikiforidis Foivi Nikolaou Gustav Maximilian Waschatko (74) ir. J.C. Volmer c.s.
(51) A01G 20/12 A01G 20/15 (11) 2033646 (47) 04.06.2024 (22) 30.11.2022	(54) SLAB HARVESTER	(51) A23K 10/12 A23K 50/75 A23K 10/30	(74) ir. J.C. Volmer c.s.
(73) Van Vuuren Machines B.V. (72) Zhanna Rudakova van Vuuren (74) ir. J.C. Volmer c.s.	(73) Van Vuuren Machines B.V. (72) Zhanna Rudakova van Vuuren (74) ir. J.C. Volmer c.s.	(51) A23K 10/12 A23K 50/75 A23K 10/30	(51) A23L 17/00 A23L 33/16 A23L 29/275 (11) 2030457 (47) 31.05.2024 (22) 07.01.2022
(51) A01G 20/15 A01G 20/12 (11) 2033645 (47) 04.06.2024 (22) 30.11.2022	(54) SEDUM SLAB HARVESTER	(54) PREPARATION METHOD AND APPLICATION FOR BIOLOGICAL FERMENTED FEED BASED ON CASSAVA RESIDUES AND PEANUT MEAL	(54) Processing Method for Minced Fillet Products with High Calcium Absorption Rate
(73) Van Vuuren Machines B.V. (72) Zhanna Rudakova van Vuuren (74) ir. J.C. Volmer c.s.	(73) Van Vuuren Machines B.V. (72) Zhanna Rudakova van Vuuren (74) ir. J.C. Volmer c.s.	(73) Institute of Tropical Bioscience and Biotechnology, Chinese Academy of Tropical Agricultural Sciences (72) Haiyan Sun (74) dr. T. Wittop Koning PhD	(73) Zhejiang Gongshang University (72) Lu Zhai Jiacheng Yang Renyao Jin (74) drs. C.M.A. Quintelier (31) 2021104324743 (32) 21.04.2021 (33) China
(51) A01G 31/02 F04F 10/02 (11) 2033642 (47) 04.06.2024 (22) 30.11.2022	(54) DRAIN ELEMENT FOR HYDROPONICS GROWTH TABLE	(51) A23L 3/20 A23L 3/00 A23B 7/005 F26B 21/00 A23L 17/60 A23N 12/04 A23B 7/06	(51) A23L 33/105 A23L 33/135 A61K 35/744 A61K 36/00 C12N 9/02 (11) 2035839
(73) Viscon Group Holding B.V. (72) Leen Willem Goud Max Middendorp (74) dr. ir. G.J.C. Verdijck c.s.	(73) Viscon Group Holding B.V. (72) Leen Willem Goud Max Middendorp (74) dr. ir. G.J.C. Verdijck c.s.	(73) Institute of Tropical Bioscience and Biotechnology, Chinese Academy of Tropical Agricultural Sciences (72) Haiyan Sun (74) dr. T. Wittop Koning PhD	
(51) A01K 29/00			

(47) 30.05.2024	A62C 35/10	(51) B29C 64/118
(22) 20.09.2023	(11) 2034678	B29C 64/386
(54) MEDICINAL AND EDIBLE	(47) 30.05.2024	B33Y 10/00
HOMOLOGOUS ENZYME WITH	(22) 25.04.2023	B33Y 50/00
URIC ACID LOWERING EFFECT AND	(54) Low-pressure passive apparatus for	B22F 10/18
PREPARATION METHOD THEREOF	cooling an undesirably increased	B22F 10/38
(73) GUIZHOU ZHENDE BIOTECHNOLOGY	temperature or suppressing flame	(11) 2033564
CO., LTD	burning in a protected electrical device	(47) 30.05.2024
(72) Junlin Hu	(73) MEGELLAN, SE	(22) 18.11.2022
Xinliang Hu	(72) Peter Roncák	(54) Method of generating instructions for
Guang Hu	Marek Duda	printing a 3D object
Pan Zhang	(74) dr. ir. G.J.C. Verdijk c.s.	(73) Ultimaker B.V.
(74) ir. W.J.J.M. Kempes	(31) CZ2022-172	(72) Paul Kuiper
(31) 202211474903.4	(32) 26.04.2022	Siert Wynia
(32) 23.11.2022	(33) Czech Republic	(74) dr. R.C. van Duijvenbode c.s.
(33) China	(51) B01D 53/58	
(51) A61B 5/00	B01D 53/78	(51) B32B 3/02
A61B 5/389	A01K 1/00	B32B 5/02
(11) 2033649	B01D 39/08	B32B 5/18
(47) 04.06.2024	B01D 46/12	B32B 5/24
(22) 30.11.2022	B01D 46/62	B32B 7/12
(54) DEVICE FOR DETECTING AND	(11) 2032357	B32B 15/10
TREATING BRUXISM AND METHOD	(47) 03.06.2024	B32B 21/10
FOR DOING THE SAME	(22) 04.07.2022	E04B 1/94
(73) Jawsense LTD	(54) Werkwijze voor het aan een	E04C 2/296
(72) Catharina Johanna van der Zee	wasbehandeling onderwerpen van te	(11) 2034402
Theodorus Sebastiaan Bergdorff	reinigen ammoniakhoudende lucht	(47) 04.06.2024
(74) dr. ir. G.J.C. Verdijk c.s.	(73) Klaas de Boer Beheer B.V.	(22) 22.03.2023
(51) A61K 31/4725	(72) Nicolaas Cornelis de Boer	(54) Wall panel for a mobile medical
C07D 217/02	(74) ir. W.J.J.M. Kempes	accommodation unit, a mobile medical
A61P 31/04	(51) B01L 3/00	accommodation unit and a method of
A61K 31/472	A61B 5/15	constructing a wall panel for a mobile
(11) 2033609	(11) 2033568	medical accommodation unit
(47) 30.05.2024	(47) 30.05.2024	(73) Lamboo Medical Holding B.V.
(22) 24.11.2022	(22) 18.11.2022	(72) Joost Lamboo
(54) DNA Gyrase Inhibitors	(54) Flow assay device for collecting a blood	(74) ir. H.A. Witmans c.s.
(73) John Innes Centre	sample	(51) B32B 3/12
Universiteit Leiden	(73) Daklapack Europe B.V.	B32B 5/02
(72) Richard J.H.B.N van den Berg	(72) Eryk Marcin Tomczak	B32B 29/02
Ioli Kotsogianni	Dave Willem Klaassen	B32B 29/08
Jeroen M. Punt	(74) ir. J.C. Volmer c.s.	E04C 2/296
Constant A.A. van Boeckel	(51) B08B 1/00	B32B 19/02
Bing Liu	B08B 5/04	B32B 19/04
Gilles P. van Wezel	B29C 45/14	(11) 2033574
Alexander T. Bakker	(11) 2033591	(47) 30.05.2024
Dmitry Ghilarov	(47) 30.05.2024	(22) 20.11.2022
Mario van der Stelt	(22) 22.11.2022	(54) Sustainable Composite Materials
Diana Piermarini	(54) Cleaning unit for a mould for	(73) Holland Composites B.V.
Nathaniel I. Martin	encapsulating electronic components,	(72) Pieterjan Dwarshuis
Mariana Avalos	moulding system and method for	Sven Erik Janssen
(74) dr. A. Krebs	encapsulating electronic components	(74) dr. A. Krebs
(51) A61P 29/00	(73) BESI NETHERLANDS B.V.	(51) B32B 5/02
A61K 38/00	(72) Albertus Franciscus Gerardus van Driel	B32B 27/06
C07K 14/465	(74) ir. H.Th. van den Heuvel c.s.	B32B 27/08
(11) 2033588	(51) B25J 9/00	B32B 27/12
(47) 30.05.2024	(11) 2033619	B32B 27/28
(22) 22.11.2022	(47) 31.05.2024	B32B 3/06
(54) DUCK LIVER PROTEIN-DERIVED ANTI-	(22) 25.11.2022	(11) 2033573
INFLAMMATORY AND ANTIMICROBIAL	(54) Autonomously adjustable passive soft	(47) 30.05.2024
FUNCTIONAL PEPTIDE AND	exosuit with properties tuned according	(22) 20.11.2022
PREPARATION METHOD AND	to biomechanics-in-the loop simulations	(54) Composite Material for Structural
APPLICATION THEREOF	of assistance	Insulation Panels
(73) Ningbo University	(73) Technische Universiteit Delft	(73) Holland Composites B.V.
Hangzhou Xueyu Biotechnology Co., Ltd.	(72) Ajay Seth	(72) Sven Erik Janssen
(72) Xiaojuan Li	Cosimo Della Santina	Pieterjan Dwarshuis
Daodong Pan	Sagar Dattatray Joshi	(74) dr. A. Krebs
(74) ir. M.B. Plaggenborg	(74) drs. P.A. van Essen c.s.	(51) B63B 27/30
(51) A62C 3/16		F03D 13/25
		B63B 77/10

B63B 25/28	(47) 30.05.2024	Kang Han
B63B 35/00	(22) 21.11.2022	Wenbin Su
(11) 2033624	(54) A MODULAR PALLET	Yahui Liang
(47) 04.06.2024	(73) IP RESERVE PTY LTD	Xiaoxia Guo
(22) 28.11.2022	(72) Ty Hermans	Zhi Li
(54) Feeder vessel for carrying a column pile, assembly comprising such feeder vessel, use of such feeder vessel, and use of such assembly	Ben Peterson	(74) dr. T. Wittop Koning PhD
(73) Barge Master IP B.V. Temporary Works Design Engineering B.V.	Mayer Jung	(51) C07K 14/47
(72) Berend Jan Hoogendijk Pieter Albertus Beishuizen	(74) dr. ir. G.J.C. Verdijck c.s.	C12N 5/0783
(74) ir. J.C. Volmer c.s.	(31) 2022902959	A61K 45/06
(51) B63B 59/02	(32) 10.10.2022	C07K 14/705
B63B 3/14	(33) Australia	C12N 15/86
(11) 2033641	(51) B65D 85/66	(11) 2033636
(47) 04.06.2024	B65D 19/02	(47) 04.06.2024
(22) 30.11.2022	B65D 88/12	(22) 29.11.2022
(54) A watercraft comprising at least a hull and at least one fender	B65D 85/20	(54) Receptor- and drug-dependent regulated on-site production of biologicals.
(73) Vlootbeek Beheer B.V.	(11) 2026092	(73) Stichting Het Nederlands Kanker Instituut-Antoni van Leeuwenhoek Ziekenhuis
(72) Jozef Peter Hendrikus Linssen	(47) 30.05.2024	(72) Antonius Nicolaas Maria Schumacher
(74) ir. C.G.C. Veldman-Dijkers	(22) 20.07.2020	Ali Can Sahillioglu
(51) B64B 1/40	(54) LOGISTICS BOX	(74) ir. A. Blokland c.s.
B64U 10/30	(73) Anhui University of Science and Technology	(51) C08L 67/02
B64U 10/20	(72) Qiaolian Chen	C08L 67/04
B64U 30/296	Yuandong Cheng	C08L 101/16
(11) 2033602	(74) drs. P.A. van Essen c.s.	(11) 2033576
(47) 30.05.2024	(31) 2020105834202	(47) 30.05.2024
(22) 23.11.2022	(32) 23.06.2020	(22) 21.11.2022
(54) A balloon enabled drone	(33) China	(54) Polymer composite comprising micronized feldspar
(73) Technische Universiteit Delft	(51) B65F 1/14	(73) Rosiro Intellectual Property B.V.
(72) Ashutosh Simha	B65F 1/16	(72) Daniel Eric Lynch
Ranga Rao Venkatesha Prasad	B65F 1/00	(74) ir. M. van der Velden
Suryansh Sharma	(11) 1044477	(51) C09D 5/02
(74) dr. R.C. van Duijvenbode c.s.	(47) 04.06.2024	C09D 5/08
(51) B65B 13/22	(22) 28.11.2022	C23C 22/68
B60P 7/08	(54) AFVALBAK	H01F 1/18
(11) 2036493	(73) Emilius Gerardus Michaël Oostveen	(11) 2033562
(47) 04.06.2024	(72) Emilius Gerardus Michaël Oostveen	(47) 31.05.2024
(22) 12.12.2023	(51) B66C 13/08	(22) 18.11.2022
(54) ROTATING MECHANISM AND BINDING BELT TENSIONER	B66C 1/56	(54) AQUEOUS METAL TREATMENT COATING COMPOSITION AND COATING METHOD USING THE COMPOSITION
(73) Ningbo Yinzhou Mairuo IMP.& EXP. Co., Ltd.	B66C 1/10	(73) AD International B.V.
(72) Yuan Yan	E04H 12/34	(72) Ian Segers
(74) ir. A. Blokland c.s.	E02D 13/04	Richard Johannes van der Net
(31) 202323014228	(11) 2033633	(74) ir. J.C. Volmer c.s.
(32) 08.11.2023	(47) 04.06.2024	(51) C12N 5/0787
(33) China	(22) 28.11.2022	(11) 2035425
(51) B65B 43/26	(54) UPENDING DEVICE	(47) 30.05.2024
B65B 5/00	(73) IQIP Holding B.V.	(22) 19.07.2023
B65G 17/20	(72) Marius Peerdeman	(54) METHOD FOR ISOLATING AND CULTURING BONE MARROW-DERIVED MAST CELLS OF NEWBORN PIGLETS
(11) 2033626	Quinten Zuijdgeest	(73) China Agricultural University
(47) 04.06.2024	(74) dr. A. Krebs	(72) Lei Zhou
(22) 28.11.2022	(51) C05G 3/80	Yanxin Hu
(54) Systeem voor het selectief met discrete producten beladen van zakken.	C05G 3/40	Yuli Li
(73) Vanderlande Industries B.V.	(11) 2035345	Jiawei Xu
(72) Petrus Theodorus Cornelis Vervoort Maikel Theodorus Petrus Willebrordus van Dorst	(47) 30.05.2024	(74) ir. M.B. Plaggenborg
(74) ir. A. Blokland c.s.	(22) 11.07.2023	(51) C21D 8/12
(51) B65D 19/00	(54) SUGAR BEET HIGH-EFFICIENCY COMPOUND FERTILIZER AND PREPARATION METHOD THEREOF	(11) 2035288
(11) 2033575	(73) Inner Mongolia Academy of Agricultural & Animal Husbandry Sciences	(47) 03.06.2024
	(72) Peng Zhang	(22) 06.07.2023
	Lu Tian	
	Chunyan Huang	
	Huimin Ren	
	Zhenzhen Wang	
	Taiyu Zhai	
	Yinghao Li	
	Caiyuan Jian	
	Dejuan Kong	

(54) Method for Coating Magnesium Oxide on the Surface of Oriented Silicon Steel	Chang Yang Xiao Zhang	F03B 3/12 (11) 2030484
(73) Inner Mongolia University of Technology	Qi Li	(47) 31.05.2024
(72) Erbin Yue Lifeng Fan Tiannan Zhu	(74) ir. M.B. Plaggenborg (31) 202211489038.0 (32) 25.11.2022	(22) 10.01.2022 (54) Francis Turbine with Bionic Tadpole-shaped Blades
(74) ir. W.J.J.M. Kempes (31) 202211314852.9 (32) 26.10.2022 (33) China	(33) China (51) E04D 13/16 E04D 11/02	(73) Xi'an University of Technology (72) Xingqi Luo Guojun Zhu Jianjun Feng Chenhao Li Like Wang
(51) C22C 32/00 H01H 1/0237 (11) 2035223 (47) 03.06.2024 (22) 29.06.2023	(11) 2033593 (47) 30.05.2024 (22) 22.11.2022	(74) dr. T. Wittop Koning PhD (31) 202110531620.8 (32) 17.05.2021
(54) SILVER-BASED ELECTRIC CONTACT MATERIAL AND PREPARATION METHOD THEREFOR	(72) Gebouw met een dak voorzien van een brandwerende laag (73) WEDA Holland B.V. (72) Uitvinder ziet af van tenaamstelling. (74) ir. G.J.M. Verhees	(33) China (51) F21S 8/08 F21V 17/10 F21V 23/00 F21V 15/01 F21W 131/103
(73) Taizhou Huimo Technology Co., Ltd Taizhou University	(51) E04F 13/08 E04F 13/10 E04F 15/02	(11) 2033601 (47) 30.05.2024 (22) 23.11.2022
(72) Weiwei Li Liu Zhu Ling Shao Jitang Zhang Xinxing Shi Zhibiao Tu Na Xue	(11) 2033592 (47) 30.05.2024 (22) 22.11.2022	(54) FUNCTIONAL HEAD AND METHOD FOR ASSEMBLING THE SAME (73) SCHREDER S.A. (72) Emese Görgényi Zoltán Janki Balázs Csikós Péter Ifj Budavári
(74) ir. W.J.J.M. Kempes (31) 2022113318248 (32) 28.10.2022 (33) China	(74) dr. ir. G.J.C. Verdijck c.s. (51) E05B 1/00 (11) 2033627 (47) 04.06.2024 (22) 28.11.2022	(73) SCHREDER S.A. (72) Emese Görgényi Zoltán Janki Balázs Csikós Péter Ifj Budavári
(51) E02D 7/18 E02D 5/28 E02D 5/30 E02D 13/10 E02D 5/00 E02D 5/22 E02D 5/24	(54) Apparatus and assembly for operating a door handle (73) High Tech Alliance Projects B.V. (72) Jelle Adrianus Antonius Jacobs Guillaume Antonius Maria Steyvers (74) ir. A. Blokland c.s.	(74) dr. ir. G.J.C. Verdijck c.s. (51) F21V 23/00 F21V 15/01 F21V 17/00 F21V 21/30 F21S 8/08
(11) 2033620 (47) 31.05.2024 (22) 25.11.2022	(51) E21B 19/16 E21B 29/00 E21B 33/13	(11) 2033710 (47) 30.05.2024 (22) 12.12.2022
(54) Pile modifications for gentle driving of piles	(11) 2033608 (47) 30.05.2024 (22) 24.11.2022	(54) LUMINAIRE HEAD ASSEMBLY (73) SCHREDER S.A. (72) Morgan Vyvey Paul Smets
(73) Technische Universiteit Delft (72) Stanislav Verichev Sergio Sanchez-Gomez Andrey Vladimirovich Metrikine	(54) Arrangements and methods for well abandonment (73) Callidus Capital B.V. (72) Feitze Veenstra (74) ir. H.A. Witmans c.s.	(74) dr. ir. G.J.C. Verdijck c.s. (31) 2033610 (32) 24.11.2022 (33) Netherlands
(74) drs. P.A. van Essen c.s.	(74) ir. H.A. Witmans c.s.	(33) Netherlands
(51) E02D 17/20 E02B 3/04 (11) 2034013 (47) 31.05.2024 (22) 23.01.2023	(51) E21B 47/07 E21B 47/095 E21B 47/16 E21B 47/18 E21B 47/06	(51) F24F 1/03 F24F 1/56 (11) 2033603 (47) 30.05.2024 (22) 23.11.2022
(54) PREFABRICATED LATTICE BEAM SLOPE PROTECTION STRUCTURE AND CONSTRUCTION METHOD THEREFOR	(11) 2031366 (47) 30.05.2024 (22) 22.03.2022	(54) Heat pump assembly and method for providing a heat pump assembly to a building
(73) Civil Aviation Flight University of China Sichuan Agricultural University Chengdu University of Information Technology	(54) WIRELESS DOWNHOLE POSITIONING SYSTEM (73) Halliburton Energy Services, Inc. (72) Gregory Thomas Werkheiser Richard Decena Ornelaz Michael Linley Fripp	(73) Preworxs B.V. (72) Johannes Theodorus Koldijk (74) ir. H.A. Witmans c.s.
(72) Wei Wei Xiaohong Tang Li Yang Ying Zhou Min Li Gang Li Luyun Zhang	(74) dr. ir. F.M. van Bouwelen (31) US 17/236,774 (32) 21.04.2021 (33) United States of America (51) F03B 3/02	(51) F24F 11/64 F24F 11/74 F24F 3/00 (11) 2036335 (47) 30.05.2024 (22) 23.11.2023 (54) Controlled mechanical ventilation system for the ventilation of at least one dwelling

(73) ATLANTIC CLIMATISATION ET TRAITEMENT D'AIR INDUSTRIE	(73) Tarim University	(72) Bin He
(72) Vincent Aucouturier	(72) Xufeng Wang	Zifeng Yu
Hector Bravo	Zhengxin Xu	(74) dr. T. Wittop Koning PhD
(74) dr. E.M.F. Eulaers	Can Hu	(31) 202211001010.8
(31) 2212229	Zaibin Wang	(32) 19.08.2022
(32) 23.11.2022	Jianfei Xing	(33) China
(33) France	Xiaowei He	(51) G06F 18/24
(51) F24S 25/11	(74) dr. T. Wittop Koning PhD	G08B 17/00
F24S 25/65	(31) 202111466628.7	G06F 18/27
F24S 25/70	(32) 03.12.2021	G06V 20/13
(11) 2034357	(33) China	(11) 2034139
(47) 30.05.2024	(51) G01N 21/67	(47) 31.05.2024
(22) 16.03.2023	G01J 3/443	(22) 13.02.2023
(54) Draagconstructie voor het plaatsen van zonnepanelen op een vlakke ondergrond	H01J 49/04	(54) Evaluation Model Construction and Prediction Method Based on Subtropical Forest Fire Intensity
(73) Johannes Jan Kroeze	G01N 21/71	(73) Jiangxi Normal University
Johannes Kroeze	(11) 2034856	(72) Zhiwei Wu
(72) Johannes Jan Kroeze	(47) 04.06.2024	(74) dr. T. Wittop Koning PhD
Johannes Kroeze	(22) 17.05.2023	(31) 202211656160.2
(74) W.J. Slikker	(54) Quantitative analysis method of alloy elements by femtosecond laser stripping	(32) 22.12.2022
(51) F28D 20/00	(73) Dongguan University of Technology	(33) China
F24H 1/18	(72) Dongxiong Ling	(51) G06F 21/62
F24D 17/00	(74) dr. T. Wittop Koning PhD	G06Q 20/38
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(73) Egbert Edward de Jager	G01S 15/32	(72) Pavel Vladimirovich Krylov
(72) Egbert Edward de Jager	G01S 15/89	(74) ir. A.R. Aalbers
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(73) Carl Zeiss SMT GmbH	G01S 15/32	(72) Shijin Wang
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(74) ir. H.A. Witmans c.s.	G01S 15/89	Xinggang Ma
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Tispa Medical B.V.	(72) Arnoud Jongsma	Shanna Weinblatt
(72) Geert Feye Woerlee	Vsevolod Kovalenko	Sophie Raviot-Derrien
Ian Ranald Spoelstra	(51) G01W 1/10	Michael John Baker
(74) drs. P.A. van Essen c.s.	G06Q 10/04	David Joyal
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EP1

**Vertaalde conclusies van Europese octrooiaanvragen.
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EP2

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(73) GCE Holding AB	(73) Univerza V Ljubljani	JARSCH, Florian
(72) POLIVKA, Jiri	(72) KALIN, Mitjan	REINWALD, Simon
PEMBERTON, Gareth	(31) 202100068	RUETZ, Karsten
ROUBICEK, Martin	(32) 06.04.2021	(31) 102016106067
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(47) 05.06.2024	(54) HYBRID-WELDING METHOD AND DEVICE FOR CONTINUOUS WELDING	(73) Commissariat à l'énergie atomique et aux énergies alternatives
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(54) METHOD OF AND SYSTEM FOR CONTROLLING WELDING FUME EXTRACTION	(72) LI, Gangqing	
(73) Lincoln Global, Inc.	ZHENG, Kai	
(72) RITCHOT, Rob	MAO, Zhendong	
TREMBLAY, Sebastien	HAN, Xiaohui	
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(33) France	MEANS OF A GRINDING OR EROSION	(51) B25B 7/08
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(54) FIXTURE ASSEMBLY AND METHOD	(51) B24B 5/16	(73) Hangzhou United Tools Co., Ltd.
FOR WELDING OPERATIONS	B24B 19/02	Hangzhou Great Star Industrial Co., Ltd.
(73) Magna International Inc.	B24B 27/00	(72) LI, Yueming
(72) STRANZ, Andreas	B23F 15/08	(51) B25B 11/00
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(87) IB2021051905	Vennootschap	FIXTURE
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(72) CODINI, Roberto	B24B 27/00	(32) 28.12.2018
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(87) EP2021058263	MACHINE AND MANUFACTURING	ADAPTER WITH A COMPONENT
06.10.2022	PLANT USING THE SAME	WHICH CAN BE SCREWED INTO A
(22) 30.03.2021	(73) OptoTech AG	THREADED OPENING
(54) DAMPER DEVICE, MACHINE TOOL	(72) HARNICKELL, Volker	(73) Robert Bosch GmbH
AND METHOD OF ASSEMBLING SAID	BRACHER, Ernst	(72) PANHOELZL, Bernhard
DAMPER DEVICE	(51) B24B 33/06	(31) 102016209479
(73) MAQ AB	B24B 51/00	(32) 31.05.2016
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(54) PACKAGING MACHINE WITH INFEED	(72) Zimmermann, Claude	(72) BRIZE, Virginie
MECHANISM, AND CORRESPONDING	Jann, Simon	COUSTIER, Fabrice
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MATERIAL AND METHOD FOR	(73) Nissei Plastic Industrial Co., Ltd.	(11) EP3956127
MANUFACTURING SAME, AND FIBER-	(72) HANAOKA, Masaru	(21) EP20791068.8
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(72) BUEL, Bill	B33Y 30/00	United States of America
PRUCHA, Christopher	B33Y 40/00	
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(73) 4P Srl	B23K 26/40	F16D 55/00
(72) MANSUTTI, Silvano	B42D 25/30	(11) EP3946969
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B60C 9/14	(72) MORRIS, Jeffrey S.	WOOD, Jon
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(72) KANNO, Nobuhiro	(21) EP22193462.3	B60D 1/04
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B60C 11/03	MEASURING ASSEMBLY AND	E21F 13/00
B60C 11/12	VEHICLE	(11) EP3895917
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B60G 11/16	(73) Truma Gerätetechnik GmbH & Co. KG	THIBAUT, Serge
B60G 17/02	(72) PRESLER, Eugen	(31) 2110423
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MORENO REYNA, Abraham	G08G 1/16	(72) DORFF, Eike
(31) 2114565	B60T 7/22	DIECKMANN, Thomas
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(72) TURNER, Barry S.	B60T 8/17	MEDERER, Martin
WEYANDT, Thomas E.	B60T 8/1755	DOHANY, Tamas
BELANGER, Michael J.	B60T 8/24	(51) B60T 13/58
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B61H 13/36	(73) Volkswagen Aktiengesellschaft	LI, Xun
F16D 66/02	(72) WITTE, Bastian	(31) 202010787359
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(47) 05.06.2024	(73) KNORR-BREMSE Systeme für	MOTOR VEHICLE
(22) 23.04.2021	Schienenfahrzeuge GmbH	(73) Ampere SAS
(54) A RELAY VALVE FOR A PNEUMATIC	(72) ELSTORPFF, Marc-Gregory	(72) DEBORNE, Renaud
BRAKE SYSTEM	SÜSSMANN, Alexander	MALLOL, Denis
(73) ZF CV Systems Europe BV	MOSBACH, Christian	(31) 2102264
(72) RIEDIGER-JANISCH, Karl-Heinz	GRAEBER, Johannes	(32) 09.03.2021
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(22) 23.03.2022	B65B 65/00	(54) MACHINE FOR PACKAGING ITEMS INSIDE RELATIVE CASES
(54) LOW-PROFILE SENSOR CIRCUIT MOUNTING FIXTURE	B65B 57/14	(73) MS2 S.r.l.
(73) RTX Corporation	B65B 43/52	(72) COLOMBO, Matteo
(72) WAITKUS, Christopher	B65B 1/06	(31) 202000007687
DUNN, Colby	B65B 1/16	(32) 09.04.2020
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(32) 25.03.2021	(21) EP20710780.6	(51) B65D 5/66
(33) United States of America	(47) 05.06.2024	B65D 5/02
(51) B64D 41/00	(87) EP2020054856	(11) EP4204313
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F02C 7/32	(22) 25.02.2020	(47) 05.06.2024
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(73) Kawasaki Jukogyo Kabushiki Kaisha	B65B 65/00	(31) 202100002054
(72) SHIBAYAMA, Yoshiyasu	B65B 59/04	202000020419
YUDA, Yoshiaki	B65B 1/12	
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	B65B 1/36	

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(33) Italy	(73) AFFABA & FERRARI S.r.l.	(73) OCME S.r.l.
Italy	(72) FERRARI, GUGLIELMO	(72) BOSELLI, Massimo
(51) B65D 25/36	FERRARI, SILVIA	(31) 202000015709
B65D 1/48	(31) 202000010690	(32) 30.06.2020
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(47) 05.06.2024	(51) B65D 43/20	(11) EP4072970
(22) 29.06.2021	B65D 43/26	(21) EP20815836.0
(54) PLASTIC PACKAGING WITH FRAMEWORK MADE FROM CARDBOARD OR ANOTHER BIO- SOURCED MATERIAL WITHOUT GLUING	B65D 47/08	(47) 05.06.2024
(73) Groupe Guillin	(11) EP4082931	(87) EP2020084281
(72) MICHON, Frédéric	(21) EP22170029.7	17.06.2021
(31) 2006893	(47) 05.06.2024	(22) 02.12.2020
(32) 30.06.2020	(22) 26.04.2022	(54) CARTRIDGE AND METHOD FOR PRODUCING A CARTRIDGE
(33) France	(54) COVER ASSEMBLY AND PACKAGING BOX	(73) Hilti Aktiengesellschaft
(51) B65D 27/00	(73) Wm. Wrigley Jr. Company	(72) WILLNER, Ralf
B65D 81/03	(72) LI, Changdan	DONNER, Tobias
B65D 81/05	ZHANG, Xinqin	AYRLE, Thomas
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(22) 22.04.2022	B65D 83/00	(21) EP20811768.9
(54) PADDED MAILING ENVELOPE AND METHOD OF MANUFACTURING	F04B 9/14	(47) 05.06.2024
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Zinner, Yannick	(22) 18.09.2018	(54) PACKAGING UNIT WITH RIBS AND METHOD FOR PACKING PRODUCTS
(31) 500072	(54) DISCHARGER	(73) Huhtamaki Molded Fiber Technology B.V.
(32) 22.04.2021	(73) Yoshino Kogyosho Co., Ltd.	(72) KLOOSTERMAN, Hendrik Freerk
(33) Luxembourg	(72) SAKATA, Kota	VAN DER MEIJ, Jelmer Gerhard Jan
(51) B65D 41/04	KUWAHARA, Katsuhito	VEENJE, Sandor Klaas
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GIFT, Steven	(72) D'ALFONSO, Lorena	(11) EP3947203
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(72) DALLAN, Andrea	(72) SANNINO, Stefano	(21) EP22170287.1
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(51) B65G 21/14	(33) Italy	CONVOLUTE CARDBOARD TUBE
A24C 5/35	(51) B65G 69/00	(73) d'Anglade, Pierre-Michel
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(87) EP2020069571	MACHINE AND PROVIDED WITH A	B65H 1/04
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(22) 10.07.2020	HOPPERS	B62B 3/10
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(73) SOMIC Verpackungsmaschinen GmbH &	VITALI, Antonio	(47) 05.06.2024
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(31) 102019218190	B65H 1/14	(73) G.D S.p.A.
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(51) B65G 53/10	B31B 100/00	VITALI, Antonio
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(72) WEISS, Ralf	AND BOX MAKING MACHINE	STORAGE CABINET WITH AN ACCESS
REICH, Alexander	(73) Mitsubishi Heavy Industries Machinery	OPENING
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(22) 30.11.2021	(22) 25.02.2021	PREPARATION METHOD THEREOF
(54) HOSE STORAGE UNIT FOR STORING	(54) DEVICE FOR HOISTING LOADS	(73) South China Normal University
HOSE	(73) MT Industrial Solutions GmbH & Co. KG	(72) SANGUINETTI, Stefano
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(73) INVENTIO AG	(51) B66F 9/12	SYNTHESIS OF A ZEOLITE OF TON
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C02F 1/00	RECYCLING SYSTEM USING	INGOT
C02F 1/44	ENZYMES	(73) Heraeus Conamic UK Limited
C02F 1/66	(73) MERI Environmental Solutions GmbH	(72) Sayce, Ian George
C02F 1/68	(72) TROUBOUNIS, George	Aghajani, Hamed
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(73) BL Technologies, Inc.	(22) 20.02.2020	Heinl, Sebastian
(72) COTE, Pierre Lucien	(54) PORTABLE WASTE TREATMENT	Lippert, Hans
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Ambrosson, Joakim	C03C 3/097	(11) EP3733618
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(11) EP4080051 (21) EP20848982.3 (47) 05.06.2024 (87) BR2020050572 24.06.2021 (22) 18.12.2020	(73) Nikkiso Co., Ltd. (72) MENJOH, Yuya ISHIZAKI, Fumihiko (31) 2019109370 (32) 12.06.2019 (33) Japan	(51) F04C 23/00 B01D 53/00 F04C 25/02 F04D 19/04 F04D 25/16 H01L 21/67 (11) EP3615806 (21) EP18717669.8 (47) 05.06.2024 (87) GB2018050906 01.11.2018 (22) 04.04.2018
(54) RECIPROCATING COMPRESSOR CYLINDER COVER (73) NIDEC GLOBAL APPLIANCE BRASIL LTDA. (72) PEREIRA FILHO, Ivan Da Costa LILIE, Dietmar Erich Bernhard HORBATIUK, Borys Wicktor Dagostim (31) 102019027370 (32) 19.12.2019 (33) Brazil	(51) F04C 2/10 (11) EP3899280 (21) EP19832039.2 (47) 05.06.2024 (87) EP2019085399 25.06.2020 (22) 16.12.2019 (54) GEARED FLUID MACHINE (73) Eckerle Technologies GmbH (72) PIPPE, Reinhard (31) 102018222179 (32) 18.12.2018 (33) Germany	(54) VACUUM PUMPING SYSTEM (73) Edwards Limited (72) BAILEY, Christopher Mark CZERNIAK, Michael Roger (31) 201706787 (32) 28.04.2017 (33) United Kingdom
(51) F04B 39/00 F16F 1/373 (11) EP3951177 (21) EP20778869.6 (47) 05.06.2024 (87) JP2020001709 01.10.2020 (22) 20.01.2020	(51) F04C 2/107 F04C 28/28 (11) EP4189244 (21) EP21772694.2 (47) 05.06.2024 (87) EP2021073721 10.03.2022 (22) 27.08.2021 (54) METHOD FOR OPERATING A CONVEYOR HAVING AN ECCENTRIC SCREW PUMP FOR CONVEYING VISCOUS CONSTRUCTION MATERIALS	(51) F04C 29/00 F04C 18/16 (11) EP3283771 (21) EP16733275.8 (47) 05.06.2024 (87) BE2016000016 20.10.2016 (22) 12.04.2016 (54) COMPRESSOR ELEMENT FOR A SCREW COMPRESSOR AND SCREW COMPRESSOR IN WHICH SUCH A COMPRESSOR ELEMENT IS APPLIED (73) Atlas Copco Airpower, Naamloze Vennootschap (72) DE BOCK, Simon Peter G. NACHTEGAELE, Johan BERTELS, Dieter Manille L. (31) 201505250 (32) 17.04.2015 (33) Belgium
(51) F04B 39/08 F04B 39/12 F04B 49/22 (11) EP4077943 (21) EP20829670.7 (47) 05.06.2024 (87) IB2020061935 24.06.2021 (22) 15.12.2020	(73) J. Wagner GmbH (72) NGUYEN, Lam Huu SCHNITTGER, Thorsten (31) 102020123120 (32) 04.09.2020 (33) Germany	(51) F04C 18/02 F01C 21/02 F04C 29/00 (11) EP3951180 (21) EP20815247.0 (47) 05.06.2024 (87) JP2020003251 03.12.2020 (22) 29.01.2020 (54) SCROLL COMPRESSOR (73) DAIKIN INDUSTRIES, LTD. (72) SATA, Kenichi (31) 2019097712 (32) 24.05.2019 (33) Japan
(54) MULTI-CYLINDER RECIPROCATING COMPRESSOR (73) Officine Mario Dorin S.p.A (72) DORIN, Mario DALLAI, Mauro (31) 201900024247 (32) 17.12.2019 (33) Italy	(51) F04C 18/344 F04C 29/00 F04C 29/06 F04C 29/12 (11) EP4036413 (21) EP21214988.4 (47) 05.06.2024 (22) 16.12.2021 (54) ROTARY COMPRESSOR (73) LG Electronics Inc. (72) SEOL, Seseok PARK, Joonhong	(51) F04C 29/00 F04C 29/02 F04C 18/16 (11) EP3508729 (21) EP18150650.2 (47) 05.06.2024 (22) 08.01.2018 (54) COMPRESSOR WITH SUCTION CONDUIT AND METHOD FOR CONTROLLING A COMPRESSOR (73) Kaeser Kompressoren SE (72) Luckner, Peter Bittermann, Thomas
(51) F04B 43/06 F04B 43/067 F04B 49/06 A61M 1/14 A61M 1/36 A61M 60/109 A61M 60/268 A61M 60/37 A61M 60/427 A61M 60/538 (11) EP3967878 (21) EP20822133.3 (47) 05.06.2024 (87) JP2020022390 17.12.2020 (22) 05.06.2020		(51) F04D 17/12 F04D 25/16 F04C 18/16 F04C 23/00 F04C 29/00 (11) EP3443227 (21) EP17782938.9 (47) 05.06.2024 (87) US2017026900 19.10.2017 (22) 11.04.2017

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(73) Atlas Copco Comptec, LLC (72) GIBBS, Todd Steven Abbot ANDREWS, Michael (31) 201662321016 P (32) 11.04.2016 (33) United States of America	(73) Woodward, Inc. (72) SHAHROUDI, Kamran Eftekhari BRINKS, Barry (31) 201762532785 P (32) 14.07.2017 (33) United States of America	(72) Dürr Systems AG (72) HAAS, Jürgen HEZEL, Thomas (31) 102016014660 (32) 09.12.2016 (33) Germany
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(73) Edwards Limited (72) LUCCHETTA, Emiliano SKINNER, Ulrike Martina (31) 201615048 (32) 05.09.2016 (33) United Kingdom	(73) Pacoma GmbH (72) Leicht, Günter Herwig, Karl-Wilhelm	(73) Rixen, Wolfgang Pies, Gerrit (72) SCHMID, Marc HAAS, Kevin BURZYNSKI, Lukasz GABLER, Guido
(51) F04D 29/44 F04D 29/42 F04D 29/66	(51) F15B 19/00 E02F 9/22 F15B 11/042 F15B 11/044	(31) 102020200390 (32) 14.01.2020 (33) Germany
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(73) Mitsubishi Heavy Industries Engine & Turbocharger, Ltd. (72) TOMITA, Isao SHIRAISHI, Takashi IWAKIRI, Kenichiro	(73) Hitachi Construction Machinery Co., Ltd. (72) IMURA, Shinya CHIBA, Takaaki MORIKI, Hidekazu KANAZAWA, Akira TSURUGA, Yasutaka	(73) Jáfs, Harry (72) Jáfs, Harry (31) 20176125 (32) 15.12.2017 (33) Finland
(51) F15B 11/024 F15B 11/042 F15B 11/044 F15B 13/04	(31) 2018183430 (32) 28.09.2018 (33) Japan	(31) 20176125 (32) 15.12.2017 (33) Finland
(11) EP3759357 (21) EP19718099.5 (47) 05.06.2024 (87) EP2019058885 14.11.2019 (22) 09.04.2019 (54) VALVE ARRANGEMENT FOR SUPPLYING A HYDRAULIC CONSUMER WITH PRESSURE MEDIUM	(51) F16B 2/22 F16B 21/08 F16B 5/01 F16B 5/06 (11) EP3346144 (21) EP18150624.7 (47) 05.06.2024 (22) 08.01.2018 (54) PAD MOUNTING CLIP	(51) F16B 19/02 F16B 31/02 F16B 5/02 (11) EP3742006 (21) EP19213358.5 (47) 05.06.2024 (22) 03.12.2019 (54) FUSED ALIGNMENT PIN
(73) Hydac Mobilhydraulik GmbH (72) STAUCH, Christian BRUCK, Peter PFEIFFER, Marcus Karl VANDE KERCKHOVE, Philippe	(73) Nissan Motor Manufacturing (UK) Ltd. (72) PARKINSON, Tim (31) 201700363 (32) 10.01.2017 (33) United Kingdom	(54) HAMILTON SUNDSTRAND CORPORATION (73) Hamilton Sundstrand Corporation (72) ZAFFETTI, Mark A. (31) 201916421937 (32) 24.05.2019 (33) United States of America
(31) 102018003728 (32) 07.05.2018 (33) Germany	(51) F16B 5/10 F16B 21/04 (11) EP3551893 (21) EP17818071.7 (47) 05.06.2024 (87) EP2017081130 14.06.2018	(51) F16B 21/02 F16B 5/06 F16B 5/02 H01Q 1/32 F16B 37/04 (11) EP4048909
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(22) 22.10.2020	(72) YOKOYAMA, Yasuyuki	(22) 13.09.2022
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INDIRECT SCREW CONNECTION FOR	(31) 2020181259	SYSTEM
A MOTOR VEHICLE	(32) 29.10.2020	(73) Jiangsu XCMG Construction Machinery
(73) Continental Automotive Technologies	(33) Japan	Research Institute Ltd.
GmbH	(51) F16C 19/06	(72) ZHOU, Penghui
(72) FRISCH, Johann	F16C 33/41	GENG, Yanbo
HILDEBRAND, Rudolf	F16C 33/44	ZHANG, Zhanwen
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(22) 17.09.2021	(54) BALL BEARING	(22) 18.11.2022
(54) FIXING DEVICE, CONTAINER AND	(73) NTN Corporation	(54) CLUTCH ASSIST DEVICE
METHOD FOR PRODUCING A	(72) KAWAGUCHI Hayato	(73) Hezkiahu, Ran
CONTAINER	ISOBE Nozomi	(72) Hezkiahu, Ran
(73) Rotho Kunststoff AG	(31) 2019028611	(31) 202263330326 P
(72) Christian, Thoma	2019028541	(32) 13.04.2022
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(54) HYBRID COMPOSITE-METAL	F16C 29/04	AND DRIVE ARRANGEMENT FOR A
BREAKAWAY NUT FASTENER	F16C 3/035	MOTOR VEHICLE
(73) NMC Group, Inc.	(11) EP3844011	(73) Schaeffler Technologies AG & Co. KG
(72) KARLS, James, D.	(21) EP19861865.4	(72) HOFSTETTER, Dirk
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(47) 05.06.2024	(33) Türkiye	(73) Hamilton Sundstrand Corporation
(22) 07.04.2022	(51) F16C 41/00	(72) BABU, Ramesh
(54) COMPOSITE/METAL JOINTS	F16C 33/58	SHINDE, Swapnil Tukaram
(73) Hamilton Sundstrand Corporation	F16D 65/18	(31) 202111043549
(72) GURVICH, Mark R.	(11) EP3830438	(32) 25.09.2021
ZAFIRIS, Georgios S.	(21) EP19752999.3	(33) India
(31) 202117238571	(47) 05.06.2024	(51) F16D 63/00
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(51) F16D 65/095 F16D 65/092 F16D 65/00 F16D 55/224 F16D 55/00 (11) EP3406929 (21) EP18178629.4 (47) 05.06.2024 (22) 14.06.2016 (54) DISC BRAKE FOR A COMMERCIAL VEHICLE (73) KNORR-BREMSE Systeme für Nutzfahrzeuge GmbH	(51) F16D 66/02 F16D 65/00 F16D 55/22 (11) EP3992489 (21) EP20205148.8 (47) 05.06.2024 (22) 02.11.2020 (54) BRAKE CALIPER, WEAR INDICATOR AND VEHICLE BRAKE (73) ZF CV Systems Europe BV (72) STRZALA, Wieslaw	(73) HELLO ROBOT, Inc. (72) EDSINGER, Aaron KEMP, Charles (31) 201962944891 P (32) 06.12.2019 (33) United States of America
(72) FRICKE, Jens PLEINTINGER, Martin PESCHEL, Michael ADAMCZYK, Philipp SCHÖFBERGER, Tobias KLINGNER, Matthias SCHÖNAUER, Manfred EICHLER, Thomas GASSLBAUER, Franz TROPPE, Martin KRAUSE, Oliver RGUICHI, Abdelaziz MOLNAR, Markus (31) 102016104970 102015117285 102015109540 (32) 17.03.2016 09.10.2015 15.06.2015 (33) Germany Germany Germany	(51) F16D 69/00 B23K 26/60 F16D 69/02 F16D 65/04 F16D 65/00 B23K 26/352 (11) EP3812441 (21) EP19799261.3 (47) 05.06.2024 (87) JP2019017925 14.11.2019 (22) 26.04.2019 (54) METHOD FOR MANUFACTURING FRICTION MATERIAL (73) Nisshinbo Brake Inc. (72) YAGUCHI, Mitsuaki IMAI, Junichi KIMURA, Eiji (31) 2018092129 (32) 11.05.2018 (33) Japan	(51) F16G 15/08 (11) EP4136048 (21) EP21726620.4 (47) 05.06.2024 (87) EP2021062669 02.12.2021 (22) 12.05.2021 (54) ATTACHMENT POINT (73) J.D. Theile GmbH & Co. KG (72) MÜER, Bernd (31) 202020103028 U (32) 27.05.2020 (33) Germany
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(33) Japan	25.02.2013	PREPARING A MIXTURE OR AN
Japan	(33) Japan	EMULSION
Japan	Japan	(73) Guerbet
(51) F16H 25/20	Japan	(72) ALLARD, Ludovic
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(54) EGR VALVE FOR AN INTERNAL	ROTATIONAL EQUIPMENT WITH	(21) EP19754940.5
COMBUSTION ENGINE	RADIAL THROUGH-HOLE	(47) 05.06.2024
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BOHNEN, Manfred	HILBERT, Brian F.	(22) 10.01.2019
SIMONS, Norbert	(31) 202016836381	(54) ELECTRIC VALVE PROVIDED WITH A
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(32) 18.04.2016	(33) United States of America	(73) Fujikoki Corporation
(33) Germany	(51) F16K 3/26	(72) HARADA Takao
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F16C 13/00	F16K 31/122	HOJO Takashi
F16C 17/26	E21B 17/02	(31) 2018026029
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(73) NSK Ltd.	A61M 39/22	(51) F16L 9/18
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Korea (Republic)	PLACER MARURI, Emilio	ROSÉN, Per
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CONDENSATE FOR AIR	(73) Carrier Corporation	Tools Limited
CONDENSERS, AIR CONDITIONER	(72) LU, Shuang	(72) MATTHEWS, Anthony
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(73) University of Houston System	(73) Hill Phoenix Inc.	YAMADA, Takuro
(72) GHASEMI, Hadi	(72) CHRISTENSEN, Kim	IWATA, Ikuhiro
KASHYAP, Varun	MILLS, Tony	MIYAZAKI, Takeru
LEE, T. Randall	HALLETT, Paul	KUMAKURA, Eiji
SAKUNKAWEKASEM, Siwakorn	(31) 201662286625 P	MATSUOKA, Hiromune
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(73) Mitsubishi Electric Corporation	Herriko Unibertsitatea (UPV/EHU)	(31) 202100020366
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	(73) Illinois Tool Works, Inc.	LEE, Hanbin

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(73) Google LLC (72) BABBUSH, Ryan GIDNEY, Craig (31) 201862660494 P (32) 20.04.2018 (33) United States of America	(51) G06Q 10/0833 (11) EP4181526 (21) EP22214457.8 (47) 05.06.2024	(51) G06T 7/00 G06T 7/254 G06T 7/136 G06V 20/40 (11) EP4138031 (21) EP20931455.8

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(87) JP2020016962 21.10.2021	(72) KARASAWA, Yuki SUZUOKI, Masakazu	(73) KABUSHIKI KAISHA TOSHIBA
(22) 17.04.2020	(51) G06V 10/70	(72) Sugiura, Takayuki
(54) IMAGE PROCESSING METHOD	G06V 20/40	(31) 2017118798
(73) NEC Corporation	(11) EP3452954	(32) 16.06.2017
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(11) EP3624063	BASED ON CLASS SKEW	G08G 1/16
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(47) 05.06.2024	(72) PHILIPOSE, Matthai	(21) EP17935692.8
(22) 24.04.2015	SHEN, Haichen	(47) 05.06.2024
(54) ELECTRONIC DEVICE LOCALIZATION	WOLMAN, Alastair	(87) JP2017045817
BASED ON IMAGERY	AGARWAL, Sharad	27.06.2019
(73) Google Technology Holdings LLC	(31) 201615148900	(22) 20.12.2017
(72) HESCH, Joel	(32) 06.05.2016	(54) PARKING CONTROL METHOD AND
MIHELICH, Patrick	(33) United States of America	PARKING CONTROL DEVICE
NERURKAR, Esha	(51) G06V 10/774	(73) NISSAN MOTOR CO., LTD.
(31) 201461984425 P	(11) EP3896613	(72) HAYAKAWA, Yasuhisa
(32) 25.04.2014	(21) EP20169267.0	SUZUKI, Yasuhiro
(33) United States of America	(47) 05.06.2024	YAMANAKA, Ryota
(51) G06T 13/40	(22) 14.04.2020	(51) G06V 40/13
G06T 17/20	(54) DEVICE AND METHOD FOR TRAINING	G01D 5/353
(11) EP3454302	A CLASSIFIER AND ASSESSING THE	(11) EP3824406
(21) EP18169689.9	ROBUSTNESS OF A CLASSIFIER	(21) EP18887222.0
(47) 05.06.2024	(73) Robert Bosch GmbH	(47) 05.06.2024
(22) 27.04.2018	(72) Metzen, Jan Hendrik	(87) CN2018095800
(54) APPROXIMATING MESH	Hutmacher, Robin	23.01.2020
DEFORMATION FOR CHARACTER	Finnie, Nicole Ying	(22) 16.07.2018
RIGS	(51) G06V 20/00	(54) FINGERPRINT SENSOR, DISPLAY
(73) DreamWorks Animation LLC	(11) EP3699822	APPARATUS, METHOD OF
(72) O'BRIEN, James	(21) EP20151886.7	DETECTING A FINGERPRINT,
DILORENZO, Paul	(47) 05.06.2024	AND METHOD OF FABRICATING A
BAILEY, Stephen	(22) 15.01.2020	FINGERPRINT SENSOR
OTTE, David	(54) APPARATUS, METHOD, AND	(73) Beijing BOE CHATANI Electronics Co.,
(31) 201815910898	PROGRAM	Ltd.
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(32) 02.03.2018	CORPORATION	(72) ZHAI, Ming
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(33) United States of America	INA, Yukihiko	HAN, Yongjie
United States of America	(31) 2019029896	ZHANG, Yawen
(51) G06T 17/20	(32) 21.02.2019	TIAN, Ting
(11) EP3503040	(33) Japan	ZHOU, Dayong
(21) EP17306931.1	(51) G06V 20/00	YANG, Dong
(47) 05.06.2024	G06F 18/25	DENG, Liguang
(22) 24.12.2017	(11) EP3731130	FU, Xiaoliang
(54) DESIGN OF A 3D FINITE ELEMENT	(21) EP19170527.6	LIU, Yu
MESH OF A 3D PART THAT	(47) 05.06.2024	DOU, Shuqian
COMPRISES A LATTICE STRUCTURE	(22) 23.04.2019	FAN, Zhiqiang
(73) Dassault Systèmes	(54) APPARATUS FOR DETERMINING AN	(51) G07C 3/14
(72) BONNER, David Leo	OCCUPANCY MAP	(11) EP3899877
SCHMIDT, Martin-Pierre	(73) Continental Autonomous Mobility	(21) EP18830824.1
LACHAUME, Jean-Marc	Germany GmbH	(47) 05.06.2024
(51) G06T 19/00	(72) Plaza, Victoria	(87) EP2018086311
G06T 15/50	Sell, Martin	25.06.2020
G06T 15/04	(51) G06V 20/56	(22) 20.12.2018
(11) EP3731191	G06V 20/58	(54) SENSOR DEVICE FOR DETECTING A
(21) EP17935172.1	G06V 20/64	TARGET OBJECT INFLUENCED BY A
(47) 05.06.2024	(11) EP3416094	PROCESS OR FORMED DURING THE
(87) JP2017045592	(21) EP18160682.3	PROCESS
27.06.2019	(47) 05.06.2024	(73) TRUMPF Werkzeugmaschinen SE + Co.
(22) 19.12.2017	(22) 08.03.2018	KG
(54) IMAGE GENERATION DEVICE AND		SICK AG
IMAGE GENERATION METHOD		(72) OTTNAD, Jens

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BURGER, Michael	E05B 41/00	G08B 1/08
BLÖMKER, Christoph	E05B 15/02	G08B 21/02
LUTZ, Kevin	E05B 47/00	G08B 25/00
WOLF, Dennis	(11) EP3566215	(11) EP2801081
HIRT, Günter	(21) EP17832457.0	(21) EP12843235.8
KIENZLER, Stefan	(47) 05.06.2024	(47) 05.06.2024
(51) G07C 5/08	(87) US2017068950	(87) NO2012000060
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(47) 05.06.2024	(54) DEADBOLT LOCK ASSEMBLY WITH	(54) MONITORING AN OBJECT
(22) 06.07.2011	VISUAL FEEDBACK	(73) DyreID AS
(54) MOBILE DEVICE FOR DETECTING AN	(73) ASSA ABLOY Americas Residential Inc.	(72) BRYHNI, Inge, Marius
EVENT OR CHANGE IN A REGION OF	(72) SCHNEIDER, Elliott	SOLBERG, Kristian
INTEREST INSIDE A VEHICLE	HSU, Wei	VATN, Gudbrand
(73) Hand Held Products, Inc.	SINGTOROJ, Yos	(31) 20111442
(72) WESLAKE, Paul B.	(31) 201715397515	(32) 25.10.2011
PAYNE, Gregory	(32) 03.01.2017	(33) Norway
(31) 84535610	(33) United States of America	(51) G08B 25/00
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(33) United States of America	G07D 5/00	(21) EP19155081.3
(51) G07C 9/00	G07F 1/04	(47) 05.06.2024
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(21) EP15818112.3	(21) EP22156457.8	(54) SYSTEMS AND METHODS FOR
(47) 05.06.2024	(47) 05.06.2024	ARMING A SECURITY SYSTEM
(87) US2015063542	(22) 12.02.2022	(73) Ademco Inc.
09.06.2016	(54) COIN SELECTOR AND AUTOMATIC	(72) GANESAN, Balamurugan
(22) 02.12.2015	SERVICE MACHINE	KUMAR, Praveen
(54) DUAL LEVEL HUMAN IDENTIFICATION	(73) Asahi Seiko Co., Ltd.	KRISHNAMOORTHY, Samidurai
AND LOCATION SYSTEM	(72) YAMAMIYA, Takahito	(31) 201916263179
(73) Sensormatic Electronics, LLC	(31) 2021036001	201862625450 P
(72) STRULOVITCH, Tsahi Zack	(32) 08.03.2021	(32) 31.01.2019
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03.12.2014	(47) 05.06.2024	(47) 05.06.2024
02.12.2014	(87) US2021017242	(22) 11.04.2022
(33) United States of America	19.08.2021	(54) SIGNALLING DEVICE FOR INTRUSION
United States of America	(22) 09.02.2021	ALARM SYSTEM
United States of America	(54) DIVERSION DETECTION SYSTEM	(73) Robert Bosch GmbH
(51) G07C 9/00	(73) Carefusion 303 Inc.	(72) Hasenstein, Tobias
(11) EP3349186	(72) BURGESS, Brendan	(31) 102022203513
(21) EP17151283.3	PREZIOTTI, Paul	102021203921
(47) 05.06.2024	FELKE, Magnus	(32) 07.04.2022
(22) 12.01.2017	LATORRACA, Gary	20.04.2021
(54) METHOD FOR THE EVALUATION OF	YUSUFI, Mustafa	(33) Germany
AT LEAST ONE DRIVE PARAMETER	(31) 202062975056 P	Germany
(73) dormakaba Deutschland GmbH	(32) 11.02.2020	(51) G08B 25/14
(72) WULBRANDT, Tim	(33) United States of America	G08B 25/00
WEGNER, Frank	(51) G08B 17/10	(11) EP3539111
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(11) EP3349188	G08B 29/14	(47) 05.06.2024
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(54) DOOR SYSTEM AND	(11) EP3975148	(54) SECURITY SYSTEM COMMUNICATOR
COMMUNICATION UNIT FOR	(21) EP21197821.8	AND KEYPAD DEVICE
ADAPTING AN OPERATION OF THE	(47) 05.06.2024	(73) Alarm.com Incorporated
DOOR SYSTEM	(22) 20.09.2021	(72) KERZNER, Daniel Todd
(73) dormakaba Deutschland GmbH	(54) SMOKE DETECTION SAMPLE POINT	WATSON, Zackary
(72) WEGNER, Frank	(73) Honeywell International Inc.	BARTH, Adam T.
WULBRANDT, Tim	(72) AJAY, Kemal	(31) 201715811235
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	(33) United States of America	14.11.2016

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(51) G08G 1/01	(54) SENSOR-DERIVED SWING HIT AND DIRECTION DETECTION	(31) 202200002762
(11) EP3997685	(73) INTEL Corporation	(32) 15.02.2022
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(47) 05.06.2024	TONG, Xiaofeng	(51) G10K 11/178
(87) EP2020069051	LI, Wenlong	(11) EP4029008
14.01.2021	FANG, Yikai	(21) EP20775547.1
(22) 07.07.2020	ZHANG, Lidan	(47) 05.06.2024
(54) COLLECTION OF VEHICLE-BASED, LOCATION-SPECIFIC DATA SETS	(51) G09F 9/302	(87) US2020049848
(73) Audi AG	G06F 3/14	18.03.2021
VOLKSWAGEN	G02F 1/1333	(22) 09.09.2020
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(72) FANGWA NZEYA, Edson William	H01L 33/62	(73) Bose Corporation
MAX, Stephan	(11) EP3667648	(72) KU, Emery M.
(31) 102019118387	(21) EP17921419.2	MINICH, David R.
(32) 08.07.2019	(47) 05.06.2024	(31) 201916570578
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(51) G08G 1/09	14.02.2019	(33) United States of America
G01C 21/26	(22) 20.12.2017	(51) G10K 11/178
G06T 1/00	(54) DISPLAY DEVICE	(11) EP3201911
G08G 1/16	(73) LG Electronics Inc.	(21) EP15782144.8
G08G 1/0962	(72) YOON, Dongjin	(47) 05.06.2024
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B60Q 9/00	PARK, Sangtae	07.04.2016
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G06V 20/56	(31) 20170100418	(54) ACOUSTIC PROCESSOR HAVING LOW LATENCY
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(11) EP3598412	(33) Korea (Republic)	(72) ZHAO, Xudong
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(47) 05.06.2024	H04N 21/4363	KUMAR, Amit
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(22) 02.03.2018	(21) EP14197886.6	(32) 25.11.2014
(54) VEHICLE CONTROL DEVICE	(47) 05.06.2024	30.09.2014
(73) Hitachi Astemo, Ltd.	(22) 15.12.2014	(33) United States of America
(72) NAGASAKI, Takeshi	(54) WIRELESS DISPLAY SINK DEVICE	United States of America
ENDO, Takeshi	(73) LG Display Co., Ltd.	(51) G10K 11/178
(31) 2017052692	(72) Kim, Miok	H04R 1/10
(32) 17.03.2017	Cha, Hyungseok	(11) EP3987511
(33) Japan	Eom, Hyeeseon	(21) EP20737667.4
(51) G09B 5/02	Hong, Heejung	(47) 05.06.2024
G09B 19/00	(31) 20130166171	(87) US2020038228
G09B 19/24	(32) 27.12.2013	24.12.2020
G06F 16/432	(33) Korea (Republic)	(22) 17.06.2020
G06V 20/20	(51) G10D 11/00	(54) REAL-TIME DETECTION OF CONDITIONS IN ACOUSTIC DEVICES
(11) EP3612983	(11) EP3975166	(73) Bose Corporation
(21) EP18786946.6	(21) EP20810618.7	(72) KU, Emery M.
(47) 05.06.2024	(47) 05.06.2024	WARKENTIN, David J.
(87) SE2018050395	(87) ES2020000020	MULVEY, James P.
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(22) 19.04.2018	(22) 28.04.2020	(32) 19.06.2019
(54) METHOD AND COMPUTER VISION SYSTEM FOR HANDLING OF AN OPERABLE TOOL	(54) INTERCHANGEABLE KEYBOARD FOR ACCORDION	(33) United States of America
(73) Wiretronic AB	(73) Jimenez Navas, Marc	(51) G10K 11/178
(72) KARLSSON, Sören	(72) Jimenez Navas, Marc	H04R 1/10
WEBER, Christoffer	(31) 201930700 U	H04R 3/00
(31) 1750463	(32) 21.05.2019	(11) EP3602538
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(33) Sweden	(51) G10K 9/22	(47) 05.06.2024
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(47) 05.06.2024	(22) 19.12.2022	(54) COMPENSATION AND AUTOMATIC GAIN CONTROL IN ACTIVE NOISE REDUCTION DEVICES
(87) CN2017100976	(54) ACOUSTIC VEHICLE ALERTING SYSTEM	(73) Bose Corporation
14.03.2019	(73) Faisal S.p.A.	
	(72) LANATI, Paolo	

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| <p>(54) METHOD OF PROGRAMMING AND VERIFYING MEMORY DEVICE AND RELATED MEMORY DEVICE</p> <p>(73) Yangtze Memory Technologies Co., Ltd.</p> <p>(72) ZHANG, An
LIU, Hongtao
SONG, Yali
ZHAO, Xiangnan
JIN, Lei</p> <hr/> <p>(51) G16B 15/20
G16B 40/20
G06N 3/044
G06N 3/045
G06N 3/047
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G16H 50/20</p> <p>(11) EP3821433
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26.03.2020
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KIRKPATRICK, James
SUN, Ruoxi
SIFRE, Laurent
JUMPER, John
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SENIOR, Andrew W.
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MEMBER AND A CAVITY THEREON,	OGLE, Bryan R.	PARAMETERS
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VB1

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C12N 15/90	(51) H01M 10/617	
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MED

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(51) B01D 24/46	
C02F 1/52	
C02F 3/06	
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(11) EP2183186	
(00) 28.05.2024	
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F02M 25/08	
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C01B 32/342	
C01B 32/384	
(00) Established	
(11) EP2487161	
(51) C07D 277/28	
C07D 417/14	
A61K 31/427	
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(11) EP2495117	
(51) B60G 7/02	
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(51) E01C 13/08	
(11) EP2906630	
(00) 17.05.2024	
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C08L 67/04	
C08L 97/00	
C08L 97/02	
C08L 101/00	
(00) Removed	
(11) EP2913168	
(51) B26D 1/02	
B26D 1/157	
B26D 1/36	
B26D 5/00	
B26D 1/143	
B26D 5/08	
B26D 5/42	
B26D 7/06	
B26D 7/08	
B26D 7/24	
B26D 7/30	
B26D 7/32	

VRV

**Verval of nietigverklaring.
Lapse or annulment.**

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(00) 02.06.2024	(00) 01.11.2023	(00) 01.11.2023
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(11) EP1764317	(11) EP1782722	(11) EP1805158
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(11) EP1772292	(11) EP1788297	(11) EP1805502
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023

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(11) EP1805812	(11) EP1847160	(11) EP1937596
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(11) EP1806977	(11) EP1847289	(11) EP1938438
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(11) EP1807154	(11) EP1893608	(11) EP1939252
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(11) EP1807156	(11) EP1911339	(11) EP1940383
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(11) EP1807329	(11) EP1911340	(11) EP1940479
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(11) EP1807532	(11) EP1911663	(11) EP1940815
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(11) EP1809165	(11) EP1916046	(11) EP1940985
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(11) EP1809737	(11) EP1916227	(11) EP1941064
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(11) EP1810418	(11) EP1918890	(11) EP1942828
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(11) EP1812933	(11) EP1931005	(11) EP1944298
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(11) EP1814406	(11) EP1931413	(11) EP1945104
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(11) EP1814645	(11) EP1932046	(11) EP1945351
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(11) EP1814676	(11) EP1933436	(11) EP1945721
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(11) EP1814709	(11) EP1933641	(11) EP1945753
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(11) EP1814953	(11) EP1933707	(11) EP1945890
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(11) EP1824500	(11) EP1934177	(11) EP1946057
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
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(11) EP1826116	(11) EP1934648	(11) EP1948026
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
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(11) EP1828330	(11) EP1937092	(11) EP1948225
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
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(11) EP1833961	(11) EP1937244	(11) EP1948254
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(11) EP1948643	(11) EP2047797	(11) EP2061394
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
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(11) EP1949409	(11) EP2047932	(11) EP2062626
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
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(11) EP1951033	(11) EP2047985	(11) EP2066238
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
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(11) EP1951273	(11) EP2048225	(11) EP2066241
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(11) EP1951274	(11) EP2048564	(11) EP2066641
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
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(11) EP1951864	(11) EP2050609	(11) EP2066817
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
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(11) EP1952170	(11) EP2050765	(11) EP2069608
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
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(11) EP1952171	(11) EP2050859	(11) EP2070918
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
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(11) EP1954394	(11) EP2050918	(11) EP2073059
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
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(11) EP1954488	(11) EP2052594	(11) EP2073669
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(11) EP1957197	(11) EP2055759	(11) EP2074177
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(11) EP2273660	(11) EP2319310	(11) EP2344403
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2278722	(11) EP2319313	(11) EP2344461
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2286794	(11) EP2320128	(11) EP2344668
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2287302	(11) EP2323181	(11) EP2344786
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2290337	(11) EP2329853	(11) EP2345765
(00) 04.06.2024	(00) 01.11.2023	(00) 01.11.2023
(00) Patent Expired	(00) EPV lapsed	(00) EPV lapsed
(11) EP2292668	(11) EP2331673	(11) EP2346439
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2306240	(11) EP2333082	(11) EP2346456
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2311414	(11) EP2333371	(11) EP2346532
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2311516	(11) EP2334874	(11) EP2346570
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2312019	(11) EP2334975	(11) EP2346595
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2312346	(11) EP2335368	(11) EP2346667
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2312610	(11) EP2335393	(11) EP2346870
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2312631	(11) EP2336610	(11) EP2349076
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2312659	(11) EP2338181	(11) EP2349082
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2312825	(11) EP2340676	(11) EP2349083
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2314692	(11) EP2340872	(11) EP2349106
(00) 02.06.2024	(00) 01.11.2023	(00) 01.11.2023

(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2349132	(11) EP2367510	(11) EP2453686
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2349402	(11) EP2368151	(11) EP2455035
(00) 01.11.2023	(00) 31.01.2024	(00) 01.11.2023
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2349437	(11) EP2369524	(11) EP2455064
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2349777	(11) EP2378864	(11) EP2455725
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2350078	(11) EP2384569	(11) EP2457601
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2350140	(11) EP2389011	(11) EP2463629
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2350611	(11) EP2389240	(11) EP2465656
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2350640	(11) EP2417484	(11) EP2476371
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2350736	(11) EP2425718	(11) EP2476412
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2350854	(11) EP2437097	(11) EP2478953
(00) 01.11.2023	(00) 31.01.2024	(00) 01.11.2023
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2351029	(11) EP2438867	(11) EP2479155
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2351148	(11) EP2438935	(11) EP2482743
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2351309	(11) EP2439184	(11) EP2483287
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2352520	(11) EP2439794	(11) EP2483744
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2355955	(11) EP2439796	(11) EP2484040
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2356412	(11) EP2441461	(11) EP2484399
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2356520	(11) EP2444159	(11) EP2485731
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2358737	(11) EP2444929	(11) EP2485761
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2361047	(11) EP2446814	(11) EP2485864
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2361199	(11) EP2447131	(11) EP2486026
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2362831	(11) EP2450064	(11) EP2486178
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2363064	(11) EP2450613	(11) EP2486303
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023

(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2486314	(11) EP2491307	(11) EP2516814
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2486582	(11) EP2491715	(11) EP2517821
(00) 01.11.2023	(00) 01.11.2023	(00) 31.01.2024
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2486654	(11) EP2491799	(11) EP2518991
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2486674	(11) EP2493471	(11) EP2520102
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2487279	(11) EP2493478	(11) EP2535428
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2488056	(11) EP2493583	(11) EP2545231
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2488501	(11) EP2493870	(11) EP2567637
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2488513	(11) EP2493988	(11) EP2571979
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2488636	(11) EP2494543	(11) EP2572753
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2488653	(11) EP2494757	(11) EP2578081
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2488689	(11) EP2494837	(11) EP2578307
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2488723	(11) EP2495355	(11) EP2579625
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2488867	(11) EP2495958	(11) EP2581052
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2489059	(11) EP2496469	(11) EP2581485
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2489210	(11) EP2497211	(11) EP2581530
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2489215	(11) EP2497233	(11) EP2581544
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2490524	(11) EP2497897	(11) EP2581793
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2490572	(11) EP2501889	(11) EP2583586
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2490592	(11) EP2505531	(11) EP2583643
(00) 01.11.2023	(00) 01.11.2023	(00) 31.01.2024
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(11) EP2490694	(11) EP2507857	(11) EP2584030
(00) 01.11.2023	(00) 31.01.2024	(00) 01.11.2023
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(11) EP2491029	(11) EP2509682	(11) EP2584259
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
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(11) EP2491146	(11) EP2510526	(11) EP2587082
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023

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(11) EP2587284	(11) EP2625784	(11) EP2632309
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
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(11) EP2587331	(11) EP2627255	(11) EP2632386
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
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(11) EP2587877	(11) EP2627345	(11) EP2632452
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
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(11) EP2592596	(11) EP2627387	(11) EP2632475
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
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(11) EP2592872	(11) EP2627649	(11) EP2632584
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
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(11) EP2595442	(11) EP2627704	(11) EP2632885
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
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(11) EP2604552	(11) EP2629666	(11) EP2632927
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
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(11) EP2606771	(11) EP2629668	(11) EP2633034
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2609836	(11) EP2629779	(11) EP2633137
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
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(11) EP2610843	(11) EP2629783	(11) EP2634168
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
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(11) EP2610862	(11) EP2629972	(11) EP2634169
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
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(11) EP2614989	(11) EP2630051	(11) EP2634297
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2618510	(11) EP2630111	(11) EP2635738
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2622002	(11) EP2630120	(11) EP2636003
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
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(11) EP2622115	(11) EP2630212	(11) EP2636210
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
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(11) EP2625107	(11) EP2630307	(11) EP2637852
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
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(11) EP2625121	(11) EP2630310	(11) EP2637916
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
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(11) EP2625162	(11) EP2630481	(11) EP2638297
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
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(11) EP2625163	(11) EP2630482	(11) EP2638429
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
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(11) EP2625184	(11) EP2630721	(11) EP2642864
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
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(11) EP2625187	(11) EP2630821	(11) EP2647002
(00) 01.11.2023	(00) 01.11.2023	(00) 31.01.2024
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(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023

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(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
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(11) EP2677603	(11) EP2723010	(11) EP2749977
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
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(11) EP2679077	(11) EP2724621	(11) EP2749978
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2679220	(11) EP2724683	(11) EP2750713
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2716171	(11) EP2725028	(11) EP2750869
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2716187	(11) EP2725114	(11) EP2752064
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2716267	(11) EP2725115	(11) EP2756189
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2717101	(11) EP2725117	(11) EP2757186
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2717245	(11) EP2725161	(11) EP2759963
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2717343	(11) EP2725441	(11) EP2760297
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
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(11) EP2719345	(11) EP2727475	(11) EP2760444
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2719443	(11) EP2727724	(11) EP2761969
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2719444	(11) EP2730689	(11) EP2763525
(00) 01.11.2023	(00) 02.02.2024	(00) 01.11.2023
(00) EPV lapsed	(00) European Patent got Revoked	(00) EPV lapsed
(11) EP2721983	(11) EP2735955	(11) EP2763622
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2722018	(11) EP2738074	(11) EP2763665
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2722104	(11) EP2738606	(11) EP2763670
(00) 01.11.2023	(00) 31.01.2024	(00) 01.11.2023
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2722203	(11) EP2739781	(11) EP2763684
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2722215	(11) EP2745471	(11) EP2763698
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
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(11) EP2722260	(11) EP2746861	(11) EP2763981
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
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(11) EP2722261	(11) EP2749111	(11) EP2764074
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2722262	(11) EP2749609	(11) EP2764211
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2722263	(11) EP2749698	(11) EP2766029
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023

(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2766102	(11) EP2769521	(11) EP2780097
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2766171	(11) EP2770005	(11) EP2780326
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2766279	(11) EP2770905	(11) EP2780671
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2766359	(11) EP2771039	(11) EP2782853
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2766393	(11) EP2771350	(11) EP2784084
(00) 01.11.2023	(00) 01.11.2023	(00) 02.06.2024
(00) EPV lapsed	(00) EPV lapsed	(00) Patent Expired
(11) EP2766483	(11) EP2771404	(11) EP2787480
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2766814	(11) EP2771471	(11) EP2789314
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2766820	(11) EP2771490	(11) EP2796102
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2767071	(11) EP2771696	(11) EP2796621
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2767126	(11) EP2771800	(11) EP2797475
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2767127	(11) EP2772029	(11) EP2799690
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2767482	(11) EP2772482	(11) EP2818020
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2768174	(11) EP2772490	(11) EP2825227
(00) 01.11.2023	(00) 01.11.2023	(00) 11.04.2024
(00) EPV lapsed	(00) EPV lapsed	(00) European Patent got Revoked
(11) EP2768345	(11) EP2772902	(11) EP2826496
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2768361	(11) EP2772989	(11) EP2848857
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2768429	(11) EP2773981	(11) EP2859676
(00) 01.11.2023	(00) 01.11.2023	(00) 31.01.2024
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2768478	(11) EP2775584	(11) EP2860150
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2768525	(11) EP2776432	(11) EP2860217
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2768567	(11) EP2776520	(11) EP2860277
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2768766	(11) EP2777207	(11) EP2862537
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2769041	(11) EP2778775	(11) EP2862714
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2769488	(11) EP2779894	(11) EP2862724
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023

(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2863117	(11) EP2883918	(11) EP2904838
(00) 01.11.2023	(00) 10.01.2024	(00) 01.11.2023
(00) EPV lapsed	(00) European Patent got Revoked	(00) EPV lapsed
(11) EP2863500	(11) EP2886434	(11) EP2904847
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2865329	(11) EP2887134	(11) EP2905909
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2865414	(11) EP2887774	(11) EP2906046
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2865497	(11) EP2901942	(11) EP2906226
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2865825	(11) EP2903458	(11) EP2906297
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2865830	(11) EP2903483	(11) EP2906338
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2866099	(11) EP2903531	(11) EP2906363
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2868286	(11) EP2903555	(11) EP2906370
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2869339	(11) EP2903581	(11) EP2906371
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2869517	(11) EP2903582	(11) EP2906546
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2870895	(11) EP2903616	(11) EP2906555
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2871481	(11) EP2903635	(11) EP2906563
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2871626	(11) EP2903691	(11) EP2906880
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2874156	(11) EP2903896	(11) EP2906995
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2878118	(11) EP2903959	(11) EP2907023
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2878231	(11) EP2903967	(11) EP2907228
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2878570	(11) EP2903996	(11) EP2907264
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2878925	(11) EP2904091	(11) EP2907266
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2878931	(11) EP2904260	(11) EP2907314
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2880929	(11) EP2904716	(11) EP2907342
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2881135	(11) EP2904757	(11) EP2908621
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023

(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2908622	(11) EP2912098	(11) EP2920730
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2908748	(11) EP2912132	(11) EP2923673
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2908767	(11) EP2912204	(11) EP2925585
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2908862	(11) EP2912358	(11) EP2927224
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2908865	(11) EP2912886	(11) EP2928289
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2908918	(11) EP2914085	(11) EP2928823
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2908948	(11) EP2914097	(11) EP2929999
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2908987	(11) EP2914099	(11) EP2932435
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2909084	(11) EP2914322	(11) EP2934617
(00) 01.11.2023	(00) 01.11.2023	(00) 31.01.2024
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(11) EP2909169	(11) EP2914369	(11) EP2936212
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2909305	(11) EP2914525	(11) EP2936903
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2909346	(11) EP2914533	(11) EP2937198
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2909557	(11) EP2914590	(11) EP2939811
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2909685	(11) EP2914633	(11) EP2939812
(00) 08.02.2024	(00) 01.11.2023	(00) 01.11.2023
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(11) EP2909743	(11) EP2914903	(11) EP2940656
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(11) EP2909786	(11) EP2915262	(11) EP2946511
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
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(11) EP2910051	(11) EP2915279	(11) EP2954922
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
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(11) EP2910580	(11) EP2915305	(11) EP2958278
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2911678	(11) EP2915364	(11) EP2960661
(00) 01.11.2023	(00) 01.11.2023	(00) 31.01.2024
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(11) EP2911687	(11) EP2919940	(11) EP2979213
(00) 01.11.2023	(00) 31.01.2024	(00) 01.11.2023
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2911742	(11) EP2920111	(11) EP3002306
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2911851	(11) EP2920646	(11) EP3002361
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023

(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3002547	(11) EP3015500	(11) EP3055327
(00) 04.06.2024	(00) 01.11.2023	(00) 01.11.2023
(00) Patent Expired	(00) EPV lapsed	(00) EPV lapsed
(11) EP3002548	(11) EP3016206	(11) EP3055362
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3006061	(11) EP3016408	(11) EP3055418
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3006805	(11) EP3017769	(11) EP3055467
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
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(11) EP3007081	(11) EP3018886	(11) EP3055722
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
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(11) EP3007430	(11) EP3020370	(11) EP3055910
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3009017	(11) EP3020371	(11) EP3055927
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
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(11) EP3009018	(11) EP3020372	(11) EP3055958
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
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(11) EP3009019	(11) EP3020939	(11) EP3056010
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
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(11) EP3009073	(11) EP3029205	(11) EP3056032
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
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(11) EP3009092	(11) EP3031909	(11) EP3057330
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
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(11) EP3010049	(11) EP3037038	(11) EP3057400
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(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3011932	(11) EP3038516	(11) EP3057402
(00) 01.11.2023	(00) 31.01.2024	(00) 01.11.2023
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP3012394	(11) EP3039688	(11) EP3057530
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3012506	(11) EP3039930	(11) EP3057686
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3012934	(11) EP3039931	(11) EP3057730
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3013080	(11) EP3052109	(11) EP3057817
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3015016	(11) EP3052550	(11) EP3057955
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3015121	(11) EP3052644	(11) EP3058021
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3015168	(11) EP3052711	(11) EP3058034
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3015282	(11) EP3053367	(11) EP3058262
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3015381	(11) EP3055020	(11) EP3058297
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023

(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3058463	(11) EP3062491	(11) EP3066937
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3058507	(11) EP3062536	(11) EP3068590
(00) 01.11.2023	(00) 31.01.2024	(00) 01.11.2023
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP3058515	(11) EP3062609	(11) EP3069408
(00) 31.01.2024	(00) 01.11.2023	(00) 01.11.2023
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(11) EP3058567	(11) EP3062669	(11) EP3070077
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3058586	(11) EP3062828	(11) EP3072329
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3058777	(11) EP3062881	(11) EP3072790
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3058791	(11) EP3062897	(11) EP3075395
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3060091	(11) EP3062919	(11) EP3076866
(00) 01.11.2023	(00) 01.11.2023	(00) 31.01.2024
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(11) EP3060098	(11) EP3063082	(11) EP3078417
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3060200	(11) EP3063122	(11) EP3081009
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3060256	(11) EP3063156	(11) EP3085441
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3060274	(11) EP3063188	(11) EP3086102
(00) 01.11.2023	(00) 01.11.2023	(00) 15.04.2024
(00) EPV lapsed	(00) EPV lapsed	(00) European Patent got Revoked
(11) EP3060342	(11) EP3063207	(11) EP3087314
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3060351	(11) EP3063317	(11) EP3087515
(00) 01.11.2023	(00) 01.11.2023	(00) 31.01.2024
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3060387	(11) EP3063432	(11) EP3087567
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3060391	(11) EP3063592	(11) EP3090432
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3060488	(11) EP3063639	(11) EP3093320
(00) 01.11.2023	(00) 01.11.2023	(00) 01.02.2024
(00) EPV lapsed	(00) EPV lapsed	(00) European Patent got Revoked
(11) EP3060577	(11) EP3063929	(11) EP3095441
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3060670	(11) EP3064641	(11) EP3098758
(00) 01.11.2023	(00) 01.11.2023	(00) 31.01.2024
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3060985	(11) EP3065603	(11) EP3099449
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3061074	(11) EP3066065	(11) EP3100507
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3061202	(11) EP3066839	(11) EP3100817
(00) 01.11.2023	(00) 01.11.2023	(00) 31.01.2024

(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP3108691	(11) EP3162203	(11) EP3201099
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3108840	(11) EP3162579	(11) EP3201225
(00) 31.01.2024	(00) 01.11.2023	(00) 01.11.2023
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP3124610	(11) EP3162738	(11) EP3203998
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3131947	(11) EP3162978	(11) EP3203999
(00) 31.01.2024	(00) 01.11.2023	(00) 01.11.2023
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP3132547	(11) EP3163009	(11) EP3204000
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3135150	(11) EP3163647	(11) EP3204040
(00) 01.11.2023	(00) 31.01.2024	(00) 01.11.2023
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP3135473	(11) EP3165239	(11) EP3204125
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3148694	(11) EP3165373	(11) EP3204352
(00) 31.01.2024	(00) 01.11.2023	(00) 01.11.2023
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP3153035	(11) EP3165433	(11) EP3204359
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3153124	(11) EP3165639	(11) EP3204720
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3154265	(11) EP3165804	(11) EP3205178
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3155907	(11) EP3165998	(11) EP3205180
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3155908	(11) EP3166205	(11) EP3205190
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3156320	(11) EP3168338	(11) EP3205709
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3156725	(11) EP3168339	(11) EP3206482
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3158893	(11) EP3170646	(11) EP3206492
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3158961	(11) EP3186869	(11) EP3206507
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3158962	(11) EP3192343	(11) EP3206601
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3159172	(11) EP3200578	(11) EP3206609
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3159211	(11) EP3200783	(11) EP3206652
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3159465	(11) EP3200784	(11) EP3206665
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3161662	(11) EP3200785	(11) EP3207043
(00) 31.01.2024	(00) 01.11.2023	(00) 01.11.2023

(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3207071	(11) EP3212182	(11) EP3220758
(00) 01.11.2023	(00) 01.11.2023	(00) 28.04.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3207190	(11) EP3212495	(11) EP3222767
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3207492	(11) EP3212534	(11) EP3224569
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3207744	(11) EP3212601	(11) EP3224956
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3207827	(11) EP3212643	(11) EP3227170
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3209096	(11) EP3212668	(11) EP3227572
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3209483	(11) EP3212779	(11) EP3228355
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3209580	(11) EP3212804	(11) EP3231402
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3209598	(11) EP3212880	(11) EP3232624
(00) 01.11.2023	(00) 31.01.2024	(00) 01.11.2023
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP3209651	(11) EP3212978	(11) EP3232758
(00) 01.11.2023	(00) 01.11.2023	(00) 31.01.2024
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3209773	(11) EP3213566	(11) EP3233173
(00) 01.11.2023	(00) 01.11.2023	(00) 31.01.2024
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3209935	(11) EP3214399	(11) EP3236074
(00) 01.11.2023	(00) 01.11.2023	(00) 31.01.2024
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3209947	(11) EP3214945	(11) EP3236315
(00) 01.11.2023	(00) 01.11.2023	(00) 31.01.2024
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3209966	(11) EP3215004	(11) EP3238749
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3210056	(11) EP3215143	(11) EP3238767
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3210101	(11) EP3215325	(11) EP3240936
(00) 01.11.2023	(00) 01.11.2023	(00) 31.01.2024
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3210158	(11) EP3215546	(11) EP3245643
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3210306	(11) EP3216138	(11) EP3246262
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3210973	(11) EP3216314	(11) EP3250463
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3212024	(11) EP3216855	(11) EP3268803
(00) 01.11.2023	(00) 01.11.2023	(00) 31.01.2024
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3212031	(11) EP3218559	(11) EP3276042
(00) 01.11.2023	(00) 01.11.2023	(00) 31.01.2024
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3212032	(11) EP3219801	(11) EP3277359
(00) 01.11.2023	(00) 01.11.2023	(00) 31.01.2024

(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP3280563	(11) EP3311330	(11) EP3340922
(00) 31.01.2024	(00) 31.01.2024	(00) 01.11.2023
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP3281984	(11) EP3311709	(11) EP3342059
(00) 31.01.2024	(00) 01.11.2023	(00) 01.11.2023
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP3282047	(11) EP3315010	(11) EP3342876
(00) 31.01.2024	(00) 01.11.2023	(00) 31.01.2024
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3283207	(11) EP3315084	(11) EP3348199
(00) 31.01.2024	(00) 01.11.2023	(00) 01.11.2023
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP3287587	(11) EP3315087	(11) EP3349435
(00) 01.11.2023	(00) 01.11.2023	(00) 31.01.2024
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3290816	(11) EP3315272	(11) EP3349839
(00) 31.01.2024	(00) 01.11.2023	(00) 31.01.2024
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3291652	(11) EP3315183	(11) EP3350435
(00) 31.01.2024	(00) 01.11.2023	(00) 31.01.2024
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3294585	(11) EP3315272	(11) EP3351216
(00) 31.01.2024	(00) 01.11.2023	(00) 01.11.2023
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP3295330	(11) EP3315342	(11) EP3352435
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3296317	(11) EP3315795	(11) EP3355729
(00) 01.11.2023	(00) 01.11.2023	(00) 31.01.2024
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3297829	(11) EP3316147	(11) EP3359039
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3300282	(11) EP3316444	(11) EP3359141
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3300762	(11) EP3317454	(11) EP3359607
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3300945	(11) EP3317662	(11) EP3359655
(00) 31.01.2024	(00) 31.01.2024	(00) 01.11.2023
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP3301029	(11) EP3318353	(11) EP3359713
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3302172	(11) EP3318705	(11) EP3359828
(00) 31.01.2024	(00) 01.11.2023	(00) 01.11.2023
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP3302557	(11) EP3318778	(11) EP3360125
(00) 31.01.2024	(00) 01.11.2023	(00) 01.11.2023
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP3305670	(11) EP3319300	(11) EP3360141
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3308730	(11) EP3319553	(11) EP3360300
(00) 01.11.2023	(00) 31.01.2024	(00) 01.11.2023
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP3308766	(11) EP3333428	(11) EP3360301
(00) 01.11.2023	(00) 31.01.2024	(00) 01.11.2023
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP3309749	(11) EP3336838	(11) EP3361346
(00) 01.11.2023	(00) 31.01.2024	(00) 01.11.2023
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP3309911	(11) EP3338146	(11) EP3361975
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023

(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3361988	(11) EP3367928	(11) EP3374629
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3362266	(11) EP3367943	(11) EP3374867
(00) 01.11.2023	(00) 01.11.2023	(00) 31.01.2024
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3362289	(11) EP3368060	(11) EP3375096
(00) 01.11.2023	(00) 01.11.2023	(00) 31.01.2024
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3362402	(11) EP3368082	(11) EP3375121
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3362527	(11) EP3368296	(11) EP3376784
(00) 01.11.2023	(00) 01.11.2023	(00) 31.01.2024
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3364835	(11) EP3368449	(11) EP3377654
(00) 01.11.2023	(00) 01.11.2023	(00) 31.01.2024
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3364836	(11) EP3368457	(11) EP3378081
(00) 01.11.2023	(00) 01.11.2023	(00) 31.01.2024
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3364903	(11) EP3368472	(11) EP3382673
(00) 01.11.2023	(00) 01.11.2023	(00) 31.01.2024
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3364971	(11) EP3368705	(11) EP3384014
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3365241	(11) EP3369224	(11) EP3386510
(00) 01.11.2023	(00) 01.11.2023	(00) 31.01.2024
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3365285	(11) EP3369237	(11) EP3387020
(00) 01.11.2023	(00) 01.11.2023	(00) 31.01.2024
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3365296	(11) EP3369292	(11) EP3387386
(00) 01.11.2023	(00) 01.11.2023	(00) 31.01.2024
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3365427	(11) EP3369379	(11) EP3387505
(00) 01.11.2023	(00) 01.11.2023	(00) 31.01.2024
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3365736	(11) EP3369429	(11) EP3389102
(00) 01.11.2023	(00) 01.11.2023	(00) 31.01.2024
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3366013	(11) EP3369639	(11) EP3391629
(00) 01.11.2023	(00) 31.01.2024	(00) 31.01.2024
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3366067	(11) EP3369711	(11) EP3392430
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3366710	(11) EP3370819	(11) EP3393737
(00) 01.11.2023	(00) 01.11.2023	(00) 31.01.2024
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3367776	(11) EP3370961	(11) EP3394750
(00) 01.11.2023	(00) 01.11.2023	(00) 31.01.2024
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3367814	(11) EP3371105	(11) EP3395782
(00) 01.11.2023	(00) 01.11.2023	(00) 31.01.2024
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3367815	(11) EP3371946	(11) EP3395796
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3367897	(11) EP3372605	(11) EP3396560
(00) 01.11.2023	(00) 01.11.2023	(00) 31.01.2024
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3367900	(11) EP3373119	(11) EP3398271
(00) 01.11.2023	(00) 01.11.2023	(00) 31.01.2024

(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3399555	(11) EP3452765	(11) EP3476754
(00) 31.01.2024	(00) 31.01.2024	(00) 01.11.2023
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP3399850	(11) EP3457362	(11) EP3477177
(00) 01.11.2023	(00) 31.01.2024	(00) 31.01.2024
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3399893	(11) EP3467052	(11) EP3477514
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3412228	(11) EP3467227	(11) EP3479610
(00) 31.01.2024	(00) 01.11.2023	(00) 01.11.2023
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP3412706	(11) EP3467643	(11) EP3479668
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3418206	(11) EP3468988	(11) EP3480124
(00) 01.11.2023	(00) 31.01.2024	(00) 01.11.2023
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP3418732	(11) EP3469987	(11) EP3480960
(00) 31.01.2024	(00) 01.11.2023	(00) 31.01.2024
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3420765	(11) EP3470093	(11) EP3482618
(00) 31.01.2024	(00) 01.11.2023	(00) 01.11.2023
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP3422236	(11) EP3470283	(11) EP3486371
(00) 01.11.2023	(00) 31.01.2024	(00) 01.11.2023
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP3424802	(11) EP3470452	(11) EP3487211
(00) 31.01.2024	(00) 01.11.2023	(00) 31.01.2024
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3426025	(11) EP3470599	(11) EP3489967
(00) 31.01.2024	(00) 01.11.2023	(00) 01.11.2023
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP3426840	(11) EP3470727	(11) EP3492900
(00) 31.01.2024	(00) 31.01.2024	(00) 31.01.2024
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3428732	(11) EP3473207	(11) EP3493068
(00) 31.01.2024	(00) 01.11.2023	(00) 01.11.2023
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP3429387	(11) EP3473515	(11) EP3494618
(00) 31.01.2024	(00) 31.01.2024	(00) 01.11.2023
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP3430234	(11) EP3473863	(11) EP3495701
(00) 31.01.2024	(00) 01.11.2023	(00) 01.11.2023
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP3434970	(11) EP3474152	(11) EP3497697
(00) 01.11.2023	(00) 31.01.2024	(00) 31.01.2024
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3438137	(11) EP3474250	(11) EP3498272
(00) 31.01.2024	(00) 01.11.2023	(00) 31.01.2024
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3438811	(11) EP3474559	(11) EP3498529
(00) 31.01.2024	(00) 31.01.2024	(00) 01.11.2023
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP3441588	(11) EP3474635	(11) EP3499406
(00) 31.01.2024	(00) 01.11.2023	(00) 31.01.2024
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3443957	(11) EP3476388	(11) EP3499548
(00) 01.11.2023	(00) 01.11.2023	(00) 31.01.2024
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3445239	(11) EP3476540	(11) EP3500629
(00) 31.01.2024	(00) 01.11.2023	(00) 31.01.2024
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3448904	(11) EP3476605	(11) EP3501198
(00) 31.01.2024	(00) 31.01.2024	(00) 01.11.2023

(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3501964	(11) EP3523939	(11) EP3529577
(00) 31.01.2024	(00) 01.11.2023	(00) 01.11.2023
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP3506361	(11) EP3524967	(11) EP3529954
(00) 31.01.2024	(00) 31.01.2024	(00) 01.11.2023
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP3506381	(11) EP3525577	(11) EP3529963
(00) 31.01.2024	(00) 01.11.2023	(00) 01.11.2023
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP3508401	(11) EP3525683	(11) EP3530112
(00) 31.01.2024	(00) 31.01.2024	(00) 01.11.2023
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP3510635	(11) EP3525872	(11) EP3530128
(00) 31.01.2024	(00) 01.11.2023	(00) 01.11.2023
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP3513056	(11) EP3526192	(11) EP3530129
(00) 31.01.2024	(00) 01.11.2023	(00) 01.11.2023
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP3514139	(11) EP3526269	(11) EP3531455
(00) 31.01.2024	(00) 01.11.2023	(00) 31.01.2024
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3514735	(11) EP3526270	(11) EP3531839
(00) 31.01.2024	(00) 01.11.2023	(00) 01.11.2023
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP3517409	(11) EP3526547	(11) EP3531992
(00) 31.01.2024	(00) 01.11.2023	(00) 01.11.2023
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP3518137	(11) EP3527514	(11) EP3532422
(00) 01.11.2023	(00) 31.01.2024	(00) 01.11.2023
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP3521373	(11) EP3528426	(11) EP3532435
(00) 31.01.2024	(00) 01.11.2023	(00) 01.11.2023
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP3522627	(11) EP3528666	(11) EP3532768
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3522715	(11) EP3528667	(11) EP3532798
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3522821	(11) EP3528829	(11) EP3533191
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3522876	(11) EP3528830	(11) EP3533210
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3522906	(11) EP3529016	(11) EP3533266
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3522962	(11) EP3529041	(11) EP3533272
(00) 01.11.2023	(00) 01.11.2023	(00) 31.01.2024
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3523181	(11) EP3529162	(11) EP3533285
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3523496	(11) EP3529231	(11) EP3534752
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3523545	(11) EP3529306	(11) EP3534813
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3523648	(11) EP3529415	(11) EP3535268
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3523883	(11) EP3529542	(11) EP3535560
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023

(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3535958	(11) EP3560527	(11) EP3591211
(00) 01.11.2023	(00) 31.01.2024	(00) 31.01.2024
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3535993	(11) EP3560981	(11) EP3591420
(00) 01.11.2023	(00) 31.01.2024	(00) 31.01.2024
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3536472	(11) EP3562379	(11) EP3592445
(00) 01.11.2023	(00) 31.01.2024	(00) 31.01.2024
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3536666	(11) EP3563185	(11) EP3594094
(00) 01.11.2023	(00) 31.01.2024	(00) 31.01.2024
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3538392	(11) EP3563197	(11) EP3594396
(00) 31.01.2024	(00) 31.01.2024	(00) 31.01.2024
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3539533	(11) EP3567973	(11) EP3596566
(00) 31.01.2024	(00) 31.01.2024	(00) 31.01.2024
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3540388	(11) EP3570315	(11) EP3597897
(00) 31.01.2024	(00) 31.01.2024	(00) 31.01.2024
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3540638	(11) EP3570922	(11) EP3598516
(00) 31.01.2024	(00) 31.01.2024	(00) 31.01.2024
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3542272	(11) EP3573091	(11) EP3598921
(00) 31.01.2024	(00) 31.01.2024	(00) 31.01.2024
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3544542	(11) EP3576331	(11) EP3599386
(00) 01.11.2023	(00) 31.01.2024	(00) 31.01.2024
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3544746	(11) EP3576381	(11) EP3599571
(00) 01.11.2023	(00) 31.01.2024	(00) 31.01.2024
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3546074	(11) EP3579101	(11) EP3599878
(00) 01.11.2023	(00) 31.01.2024	(00) 31.01.2024
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3546389	(11) EP3579631	(11) EP3606096
(00) 01.11.2023	(00) 31.01.2024	(00) 31.01.2024
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3546981	(11) EP3582140	(11) EP3611586
(00) 01.11.2023	(00) 31.01.2024	(00) 31.01.2024
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3548108	(11) EP3583865	(11) EP3614332
(00) 31.01.2024	(00) 31.01.2024	(00) 31.01.2024
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3548901	(11) EP3584387	(11) EP3614987
(00) 31.01.2024	(00) 01.11.2023	(00) 31.01.2024
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3553149	(11) EP3585124	(11) EP3616471
(00) 31.01.2024	(00) 01.11.2023	(00) 31.01.2024
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3554655	(11) EP3586814	(11) EP3617473
(00) 31.01.2024	(00) 31.01.2024	(00) 31.01.2024
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3559561	(11) EP3587491	(11) EP3620121
(00) 31.01.2024	(00) 31.01.2024	(00) 31.01.2024
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3560069	(11) EP3588455	(11) EP3626154
(00) 01.11.2023	(00) 31.01.2024	(00) 31.01.2024
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3560455	(11) EP3588762	(11) EP3627336
(00) 01.11.2023	(00) 31.01.2024	(00) 01.11.2023
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP3560509	(11) EP3591050	(11) EP3628211
(00) 31.01.2024	(00) 31.01.2024	(00) 31.01.2024

(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3629985	(11) EP3658820	(11) EP3677738
(00) 31.01.2024	(00) 31.01.2024	(00) 31.01.2024
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3632050	(11) EP3659239	(11) EP3679819
(00) 31.01.2024	(00) 31.01.2024	(00) 31.01.2024
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3633096	(11) EP3659405	(11) EP3680112
(00) 31.01.2024	(00) 31.01.2024	(00) 31.01.2024
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3633899	(11) EP3662858	(11) EP3681410
(00) 01.11.2023	(00) 31.01.2024	(00) 31.01.2024
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3636059	(11) EP3663226	(11) EP3684625
(00) 01.11.2023	(00) 31.01.2024	(00) 31.01.2024
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3636732	(11) EP3663238	(11) EP3687260
(00) 31.01.2024	(00) 31.01.2024	(00) 31.01.2024
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3637026	(11) EP3663891	(11) EP3687315
(00) 31.01.2024	(00) 31.01.2024	(00) 01.11.2023
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP3637519	(11) EP3664081	(11) EP3688641
(00) 01.11.2023	(00) 31.01.2024	(00) 01.11.2023
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP3637538	(11) EP3664147	(11) EP3689979
(00) 31.01.2024	(00) 31.01.2024	(00) 31.01.2024
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3637668	(11) EP3665328	(11) EP3691397
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3639709	(11) EP3665564	(11) EP3691861
(00) 01.11.2023	(00) 31.01.2024	(00) 01.11.2023
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP3642518	(11) EP3667575	(11) EP3692241
(00) 31.01.2024	(00) 31.01.2024	(00) 01.11.2023
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP3643367	(11) EP3669686	(11) EP3692639
(00) 01.11.2023	(00) 31.01.2024	(00) 01.11.2023
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP3647122	(11) EP3671543	(11) EP3692736
(00) 01.11.2023	(00) 31.01.2024	(00) 01.11.2023
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP3648453	(11) EP3672564	(11) EP3693155
(00) 01.11.2023	(00) 31.01.2024	(00) 31.01.2024
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3649515	(11) EP3673371	(11) EP3694218
(00) 01.11.2023	(00) 01.11.2023	(00) 31.01.2024
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3649884	(11) EP3674542	(11) EP3694435
(00) 31.01.2024	(00) 31.01.2024	(00) 01.11.2023
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP3650513	(11) EP3675250	(11) EP3694456
(00) 31.01.2024	(00) 31.01.2024	(00) 01.11.2023
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP3654667	(11) EP3675534	(11) EP3694476
(00) 31.01.2024	(00) 31.01.2024	(00) 31.01.2024
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3654804	(11) EP3675673	(11) EP3694653
(00) 31.01.2024	(00) 31.01.2024	(00) 31.01.2024
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3658569	(11) EP3677059	(11) EP3695536
(00) 31.01.2024	(00) 31.01.2024	(00) 01.11.2023
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP3658787	(11) EP3677417	(11) EP3695557
(00) 01.11.2023	(00) 31.01.2024	(00) 01.11.2023

(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3695572	(11) EP3704071	(11) EP3724828
(00) 01.11.2023	(00) 01.11.2023	(00) 31.01.2024
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3695646	(11) EP3704118	(11) EP3725184
(00) 01.11.2023	(00) 01.11.2023	(00) 31.01.2024
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3697206	(11) EP3704208	(11) EP3725368
(00) 01.11.2023	(00) 01.11.2023	(00) 31.01.2024
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3697234	(11) EP3704801	(11) EP3725428
(00) 01.11.2023	(00) 01.11.2023	(00) 01.11.2023
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3697335	(11) EP3707084	(11) EP3725509
(00) 01.11.2023	(00) 01.11.2023	(00) 31.01.2024
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3697376	(11) EP3707392	(11) EP3726108
(00) 01.11.2023	(00) 01.11.2023	(00) 31.01.2024
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3697548	(11) EP3708864	(11) EP3726209
(00) 01.11.2023	(00) 31.01.2024	(00) 31.01.2024
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3698004	(11) EP3710394	(11) EP3727092
(00) 01.11.2023	(00) 31.01.2024	(00) 31.01.2024
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3698519	(11) EP3711373	(11) EP3727377
(00) 31.01.2024	(00) 01.11.2023	(00) 31.01.2024
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3698532	(11) EP3711476	(11) EP3727517
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VRB

**Correcties op eerdere publicaties.
Corrections on earlier publications.**

CO

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

(71) Ron Brouwers	(73) Norit Nederland B.V.	F02M 59/36
(73) Ron Brouwers	(11) EP2183186	(00) Assignment
(11) 2010167	(00) 28.05.2024	(71) PHINIA Delphi Luxembourg SARL
(00) 31.05.2024	(51) B01D 53/02	(73) PHINIA Delphi Luxembourg SARL
(51) B60C 23/00	F02M 25/08	(11) EP3230577
(00) Assignment	C01B 32/30	(00) 29.05.2024
(71) De Rooy Metaaldesign B.V.	C01B 32/342	(51) F02M 47/02
(73) De Rooy Metaaldesign B.V.	C01B 32/384	F02M 61/12
(11) 1040844	(00) Change of owner(s) name	(00) Assignment
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(00) Change of Legal Entity	(11) EP2963278	(11) EP3170650
(71) PEISCHL Vermögensverwaltung GmbH	(00) 29.05.2024	(00) 29.05.2024
(73) PEISCHL Fahrzeugbau GmbH	(51) F02M 47/02	(51) B29B 15/12
(11) EP1902886	(00) Assignment	B29C 70/20
(00) 28.05.2024	(71) GESTION ÉCO-ODYSSÉE INC.	B29C 70/50
(51) B60J 7/16	(73) GESTION ÉCO-ODYSSÉE INC.	B29C 70/56
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(71) PEISCHL Fahrzeugbau GmbH	(00) 28.05.2024	(00) Change of owner(s) name
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(71) Cree Microwave, Inc.	C08G 18/32	B29C 70/20
Wolfspeed, Inc.	C08G 18/38	B29C 70/50
(73) Wolfspeed, Inc.	C08G 18/42	B29C 70/56
Cree Microwave, Inc.	C08G 18/64	B63H 9/06
(11) EP2442444	C08G 18/66	(00) Merge
(00) 29.05.2024	C08G 18/76	(71) Westport Power Inc.
(51) H03F 1/02	C08G 18/79	PHINIA Delphi Luxembourg SARL
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(11) EP2999874	(00) Assignment	F02M 25/00
(00) 29.05.2024	(71) Dr. Fritz Wetzel	F02M 43/00
(51) F02M 43/04	Werner Schwarz	F02M 43/04
F02M 51/00	(73) Dr. Fritz Wetzel	F02M 61/04
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(71) PHINIA Delphi Luxembourg SARL	(11) EP2414501	(71) FONDAZIONE GRAN SASSO TECH
(73) PHINIA Delphi Luxembourg SARL	(00) 30.05.2024	(73) FONDAZIONE GRAN SASSO TECH
(11) EP2855915	(51) C12C 5/02	(11) EP3233637
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(11) EP2703636	(00) 29.05.2024	(11) EP3105450
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F02M 59/36	(73) PHINIA Delphi Luxembourg SARL	(71) Teleflex Life Sciences LLC
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(71) Norit Nederland B.V.	F02D 41/22	(51) A61B 17/00
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(71) Teleflex Life Sciences III LLC	C08H 8/00	E21B 33/128
(73) Teleflex Life Sciences LLC	(00) Assignment	E21B 23/01
(11) EP3086716	(71) Wolfspeed, Inc.	E21B 23/06
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(51) A61B 17/00	(11) EP2649549	(71) AX Wireless, LLC
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(11) EP3645859	H01L 23/64	(51) H04L 1/16
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F02M 51/00	(71) Synthomer Inc.	H04W 72/04
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(71) Qufora A/S	C08G 18/71	(71) LiftWerx Holdings Inc.
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(51) F02D 41/24	(73) INCIDENCE	(51) B29C 48/90
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(71) Haas Kraan B.V.	(00) 29.05.2024	B22F 3/105
(73) Haas Kraan B.V.	(51) B29B 15/12	B33Y 10/00
(11) 2030060	B29C 70/20	B33Y 30/00
(00) 31.05.2024	B29C 70/50	B33Y 50/00
(51) F16M 11/04	B29C 70/56	B33Y 80/00
F16M 11/08	B63H 9/06	(00) Assignment
F16M 13/02	(00) Merge	(71) KraussMaffei Extrusion GmbH
F16M 11/20	(71) PHINIA Delphi Luxembourg SARL	(73) KraussMaffei Extrusion GmbH
(00) Assignment	(73) PHINIA Delphi Luxembourg SARL	(11) EP3921135
(71) KraussMaffei Extrusion GmbH	(11) EP2504551	(00) 27.05.2024
(73) KraussMaffei Extrusion GmbH	(00) 29.05.2024	(51) B29C 48/90
(11) EP3921131	(51) F02D 41/20	B29C 48/09
(00) 27.05.2024	F02D 41/24	B22F 3/105
(51) B29C 48/90	F02D 41/28	B22F 5/10
B33Y 80/00	H01F 7/18	B33Y 10/00
B22F 3/105	(00) Assignment	B33Y 30/00
B22F 5/10	(71) VMware LLC	B33Y 50/00
B33Y 50/00	(73) VMware LLC	B33Y 80/00
B29C 48/09	(11) EP3640829	(00) Assignment
(00) Assignment	(00) 29.05.2024	(71) GKN Hydrogen GmbH
(71) KraussMaffei Extrusion GmbH	(51) G06F 21/41	(73) GKN Hydrogen GmbH
(73) KraussMaffei Extrusion GmbH	G06F 21/33	(11) EP3140250
(11) EP3921133	H04L 9/40	(00) 28.05.2024
(00) 27.05.2024	(00) Change of Legal Entity	(51) C01B 3/00
(51) B29C 48/90	(71) VMware LLC	(00) Assignment
B29C 48/09	(73) VMware LLC	(71) AX Wireless, LLC
B29C 48/12	(11) EP3673626	(73) AX Wireless, LLC
B22F 3/105	(00) 29.05.2024	(11) EP3111710
B33Y 10/00	(51) H04L 9/08	(00) 31.05.2024
B33Y 30/00	H04L 51/18	(51) H04B 7/0452
B33Y 50/00	H04L 9/40	H04W 72/12
B33Y 80/00	H04L 51/224	H04W 74/08
(00) Assignment	H04L 67/55	H04L 1/06
(71) Beyond Wood Cotiperatie U.A.	(00) Change of Legal Entity	H04L 1/16
(73) Beyond Wood Cotiperatie U.A.	(71) SCHLUMBERGER TECHNOLOGY B.V.	H04W 28/06
(11) 2033034	(73) SCHLUMBERGER TECHNOLOGY B.V.	H04L 1/00
(00) 29.05.2024	(11) EP3068969	(00) Assignment
(51) C04B 28/34	(00) 31.05.2024	
D21C 9/00	(51) E21B 23/00	

TVH

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

UP1

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

(11) EP2978153	(11) EP3700357	(11) EP3380987
(11) EP3248684	(11) EP3700350	(11) EP3559964
(11) EP3512627	(11) EP3672900	(11) EP3475514
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(11) EP3560521	(11) EP3734303	(11) EP3445380
(11) EP3441184	(11) EP3574251	(11) EP3681797
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(11) EP4304982

UP2

Europese octrooien met geregistreerd verzoek ex. artikel 52a Rijsoctrooiwet 1995 (herstel recht op validatie).

European patents with registered request ex Article 52a NL Patent Law 1995 (restoration of validation right).

UP3

Europese octrooien met een geaccepteerd verzoek ex. artikel 52a Rijsoctrooiwet 1995 (herstel recht op validatie) en complete validatie.

European patents with accepted ex Article 52a NL Patent Law 1995 (restoration of validation right) and validation completed.

UP4

Europese octrooien met een geaccepteerd verzoek ex. artikel 52a Rijsoctrooiwet 1995 (herstel recht op validatie) en geen complete validatie.

European patents with accepted request ex Article 52a NL Patent Law 1995 (restoration of validation right) and incomplete validation.

UP5

Europese octrooien met een afgewezen verzoek ex. artikel 52a Rijsoctrooiwet 1995 (herstel recht op validatie).

European patents with rejected request ex Article 52a NL Patent Law 1995 (restoration of validation right).

UP6

Europese octrooien met een ingetrokken verzoek ex. artikel 52a Rijsoctrooiwet 1995 (herstel recht op validatie).

European patents with withdrawn request ex Article 52a NL Patent Law 1995 (restoration of validation right).

Orde van Octrooigemachtigden / Netherlands Institute of Patent Attorneys

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