



Rijksdienst voor Ondernemend
Nederland

Nederland

De industriële eigendom

Inleiding

Hoofdblad

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

Bijblad

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

Abonnementsprijzen per (kalender)jaar:

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

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Voor taksen en depotrekeningen:

ING 0705001296

Iban: NL41INGB070500129

BIC: INGBNL2A

Introduction

Patent Bulletin

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

Official Journal

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

Subscription rates per calendar year:

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

Visiting address: **Netherlands Patent Office**

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Fees, deposit accounts:

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Iban: NL41INGB070500129

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Rubriek NP2 Bevat gegevens betreffende ingeschreven en verleende octrooien op grond van de Octrooiwet 1995.	11 Heading NP2 Contains data concerning Netherlands patents which have been entered in the patent register under the Patents Act 1995.	11
Rubriek NP3 Bevat gegevens betreffende Nederlandse octrooien na gedeeltelijke afstand conform artikel 63 van de Octrooiwet 1995.	16 Heading NP3 Contains data concerning Netherlands patents after partial renunciation confirm Article 63 of the Patents Act 1995.	16
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Europese octrooien waarvoor een gewijzigde vertaling is ingediend.

The Netherlands in which an amended translation was filed.

Rubriek SPC

Bevat gegevens betreffende ingeschreven en verleende certificaten

274Heading SPC

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

274

Rubriek VB1

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

275Heading VB1

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

275

Rubriek VB2

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

277Heading VB2

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

277

Rubriek MED

Bevat gegevens betreffende overige mededelingen.

278Heading MED

Contains data concerning other communications.

278

Rubriek VRV

Bevat gegevens betreffende verval of nietigverklaring.

279Heading VRV

Contains data concerning lapse or annulment.

279

Rubriek VRB

Bevat gegevens betreffende verbeteringen op eerdere publicaties.

323Heading VRB

Contains data concerning corrections on earlier publications.

323

Rubriek CO

Bevat gegevens betreffende wijzigingen in het octrooiregister.

324Heading CO

Contains data concerning changes in the Netherland patent register.

324

Rubriek TVH

Bevat gegevens betreffende topografieën van halfgeleiderproducten.

327Heading TVH

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

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Overzicht van Inid codes

INID CODES

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

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

INID CODES

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

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

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

Rubrieken/Headings

NP1

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

(51) A01D 46/30	E06B 9/323	as a healthy functional food (food supplement)
A01D 34/00	E06B 9/42	(71) Dr. Jelena Barjaktarovic, MD
G05D 1/02	(22) 31.07.2020	(72) Jelena Barjaktarovic
(22) 01.08.2020	(54) MONTAGE-INTERFACE EN MONTAGEPROFIEL VOOR HET MONTEREN VAN EEN MONTAGEBEUGEL VAN EEN SCHERM OP EEN OPPERVLAK	(31) 1043754
(54) Teeltsysteem voorzien van een oogstrobot	(71) COULISSE B.V.	(32) 12.08.2020
(71) Richard Henricus Adrianus Lieshout	(74) drs. C.H. Mink-Lindenburg	(33) Netherlands
(74) ir. G.J.M. Verhees	(72) Ruben Hubert Jan de Vries	(51) A61K 31/05
(72) Richard Henricus Adrianus van Lieshout	Bastiaan Franciscus Klein Tuente	A61K 31/706
(41) 04.04.2022	(41) 04.04.2022	A61K 33/06
(51) A01H 4/00	(51) A61F 5/01	A61K 36/41
A01H 6/74	A43B 7/26	A61P 25/00
(22) 11.07.2021	(22) 30.07.2020	A23L 33/00
(54) METHOD FOR CULTIVATING TRIPLOID APPLE GERMPLASM	(54) DEVICE FOR THE TREATMENT OF ATHLETE'S FOOT	(22) 06.07.2021
(71) Shandong Institute of Pomology	(71) Syroko B.V.	(54) Combination of Magnesium, Rhodiola Extract, Nicotinamide Mononucleotide (NMN) and Resveratrol as Healthy Functional Food (Dietary Supplement)
(74) dr. T. Wittop Koning PhD	Tiesnitsch Beheer B.V.	(71) Dr. Jelena Barjaktarovic, MD
(72) Linguang Li	(74) dr. T. Hubregtse	(72) Jelena Barjaktarovic
Yuansheng Chang	(72) Ernest Juliaan Jozef Marie Kneepkens	(31) 1043753
Sen Wang	Sylvia Cornelia Maria Jozef Nollen	(32) 12.08.2020
Xiaowen He	Johannes IJsbrand Tiesnitsch	(33) Netherlands
Ping He	(41) 04.04.2022	(51) A61K 31/05
Haibo Wang	(51) A61K 31/05	A61K 31/706
(41) 05.04.2022	A61K 31/375	A61K 36/258
(51) A01K 1/00	A61K 31/706	A61K 36/889
A01K 29/00	A61K 36/258	A61P 7/00
G06Q 50/02	A61P 7/00	A61P 13/08
(22) 13.08.2021	A61P 39/06	A61P 43/00
(54) System and method for recognizing dynamic anomalies of multiple livestock equipment in smart farm system	A61P 43/00	A23L 33/00
(71) Electronics and Telecommunications Research Institute	A23L 33/00	A61K 33/30
(74) ir. H.Th. van den Heuvel c.s.	(22) 06.07.2021	(22) 06.07.2021
(72) Hyeon Park	(54) Combination of Vitamin C, red ginseng, nicotinamide mononucleotide (NMN) and resveratrol as a healthy functional food (food supplement))	(54) Combination of Zn, red ginseng, saw palmetto fruit extracts, nicotinamide mononucleotide (NMN) and resveratrol as a food supplement
Se Han Kim	(71) Dr. Jelena Barjaktarovic, MD	(71) Dr. Jelena Barjaktarovic, MD
Dae Heon Park	(72) Jelena Barjaktarovic	(72) Jelena Barjaktarovic
(31) 10-2020-0102092	(31) 1043756	(31) 1043752
(32) 13.08.2020	(32) 12.08.2020	(32) 12.08.2020
(33) Korea (Republic)	(33) Netherlands	(33) Netherlands
(51) A01M 21/04	(51) A61K 31/05	(51) A61K 31/05
(22) 24.07.2020	A61K 31/4415	A61K 31/706
(54) Assembly and method for exterminating plants or weeds, in particular invasive plants or weeds, more in particular Japanese Knotweed.	A61K 31/706	A61K 36/258
(71) TIBACH BV	A61K 36/074	A61P 7/00
(74) drs. P.A. van Essen c.s.	A61K 36/258	A61P 39/06
(72) Guido Krieger	A61K 36/71	A61P 43/00
Antonius Reinerus Maria Evers Evers	A61K 36/82	A23L 33/00
Niek Evers	A61P 15/12	A61K 31/375
Patrick Beijers	A23L 33/00	(22) 06.07.2021
Jan Hendrik Benardus Hoftijzer	(22) 06.07.2021	(54) Combination of Vitamin C, red ginseng, nicotinamide mononucleotide (NMN) and resveratrol as a healthy functional food (food supplement))
Joël Hesselink	(54) Combination of vitamin B6, ginseng, green tea extract, Ganoderma lucidum, black cohosh root, nicotinamide mononucleotide (NMN) and resveratrol	(71) Dr. Jelena Barjaktarovic, MD
(41) 05.04.2022		(72) Jelena Barjaktarovic
(51) A47H 1/13		

(31) 1043755	(41) 04.04.2022	(54) Multi-level bidirectional electrical AC/DC converter
(32) 12.08.2020	(51) B05B 1/28	(71) Prodrive Technologies Innovation Services B.V.
(33) Netherlands	B05B 7/02	(74) P.-A. Gollier
(51) A61M 16/00	B05B 12/32	(72) Mafu Zhang
(22) 23.12.2020	B05B 15/00	David Menzi
(54) Ventilation system for ventilating a subject	(22) 31.07.2020	Johann Walter Kolar
(71) DEMCON macawi respiratory systems B.V.	(54) SPUITHULPINRICHTING VOOR SPUITPISTOOL, SPUITINRICHTING EN WERKWIJZE VOOR SPUITEN	Jon Azurza
(74) dr. ir. G.J.C. Verdijck c.s.	(71) Maria Cornelia Hendrika van Zelst	(41) 04.04.2022
(72) Pieter Christiaan Bijleveld	Franciscus Evert Schotanus	(51) B60L 50/51
Irene Kaashoek	(74) dr. ir. G.J.C. Verdijck c.s.	B60L 50/60
Geert van Dijk	(72) Franciscus Evert Schotanus	(22) 31.07.2020
(41) 05.04.2022	(41) 04.04.2022	(54) Control system for an electric vehicle comprising in-wheel motors
(51) A61M 16/00	(51) E04F 15/10	(71) E-TRACTION EUROPE B.V.
(22) 23.12.2020	B08B 3/04	(74) dr. R.C. van Duijvenbode c.s.
(54) Ventilation system for respiratory support	(22) 10.08.2021	(72) Bas Broekhuis
(71) DEMCON macawi respiratory systems B.V.	(54) Vloer en reinigingsvoorziening	Gerrit Jan Kwintenberg
(74) dr. ir. G.J.C. Verdijck c.s.	(71) ing. Gerardus Majella de Jong	(51) B63B 15/00
(72) Franciscus de Jong	CSR B.V.	B63B 17/00
Geert van Dijk	ECOseals BV	B63H 9/06
(41) 05.04.2022	(72) ing. Gerardus Majella de Jong	B63H 9/10
(51) A61P 9/10	(31) 1043891	(22) 31.07.2020
A61K 36/71	1043749	(54) Vaartuigmast waaraan een zeil of doek vastgemaakt kan worden
A61K 9/48	(32) 31.12.2020	(71) SunLite Control B.V.
(22) 20.04.2021	10.08.2020	(74) ir. G.J.M. Verhees
(54) QI TONIFYING, BLOOD CIRCULATION PROMOTING AND ENDOGENOUS WIND CALMING CAPSULE FOR TREATING ISCHEMIC STROKE	(33) Netherlands	(72) Cees Wijma
(71) Henan Academy of Traditional Chinese Medicine	Netherlands	Eric van 't Hooft
(74) dr. T. Wittop Koning PhD	(51) B31B 50/78	(41) 04.04.2022
(72) Xiangyang Li	B65B 5/02	(51) B63B 15/00
Wanqian Tu	B65B 25/04	E04H 12/22
Huiming Hou	B65B 43/28	(22) 31.07.2020
Liujie Zhang	B65B 43/34	(54) Vastzetinrichting voor het vastzetten van een vaartuigmast op een dek van een vaartuig, alsmede vaartuigmast voorzien van de vastzetinrichting
Yu Zhang	B65D 5/24	(71) SunLite Control B.V.
Jichun Zhou	B65D 5/36	(74) ir. G.J.M. Verhees
(51) A62C 33/04	B65D 5/42	(72) Eric van 't Hooft
B65H 59/38	B65D 5/50	Cees Wijma
B65H 75/36	B65D 85/34	(41) 04.04.2022
(22) 30.07.2020	(22) 01.07.2020	(51) C04B 18/04
(54) A vehicular arrangement for the simultaneous collection of a first flexible hose and a second flexible hose	(54) CARDBOARD CONTAINER	(22) 06.07.2021
(71) Hydrauvison Raamsdonksveer B.V.	(71) Otium Packaging Technology BV	(54) SUPERHIGH-STRENGTH RED MUD LIGHT-WEIGHT MATERIAL AND PREPARATION METHOD
(74) mr. ir. J. van Breda c.s.	(74) ir. M.F.J.M. Ketelaars c.s.	(71) Anhui University of Science and Technology
(72) Petrus Ivan Constantijn Coertjens	(72) Jacobus Cornelis Rasser	(74) drs. P.A. van Essen c.s.
Arend de Gier	Hendrik Jan van den Berg	(72) Shiwei Bao
(41) 04.04.2022	(51) B41M 1/04	Qi Wang
(51) B03C 1/22	B41F 5/24	Xingyu Zhang
B07B 13/00	B41F 31/00	Guodong Huang
B24C 3/04	B41M 1/14	Yi Cui
B24C 9/00	B41M 1/18	(41) 05.04.2022
B24C 11/00	B41F 35/04	(51) C07K 14/415
(22) 30.07.2020	B41N 7/06	C12N 15/82
(54) WERKWIJZE VOOR HET STRALEN VAN EEN BETONNEN OBJECT MET EEN MAGNETISCH AANTREKBAAR STRAALMIDDEL EN INRICHTING VOOR HET UITVOEREN VAN DE WERKWIJZE	C09D 11/00	(22) 24.04.2021
(71) ROUWELER GROEP B.V.	(22) 15.01.2021	(54) GENE FOR CONTROLLING SMALL GRAIN AND SEMI-DWARF OF ORYZA SATIVA AND APPLICATION THEREOF
(74) drs. C.H. Mink-Lindenburg	(54) Method for applying an image built up of multiple ink layers on a face of a container	(71) China National Rice Research Institute
(72) Martijn Berardus Maria Rouweler	(71) Van Dam International Holding B.V.	(74) dr. T. Wittop Koning PhD
	(74) ir. H.A. Witmans c.s.	(72) Lei Wang
	(72) Marco Römer	Jiezheng Ying
	Wouter Rudolf Tessels	
	Frederik Schoonbergen	
	(41) 05.04.2022	
	(51) B60L 50/00	
	B60L 53/00	
	H02M 7/483	
	H02M 7/797	
	(22) 30.07.2020	

Zhiguo E	(72) Ying Wu	ceiling or wall, which is constituted by a
Yaobin Qin	Huiji Tang	multitude of such panel
Jian Zhang	Wenyuan Fang	(71) I4F LICENSING NV
(41) 05.04.2022	Hongwei Tian	(74) ir. H.Th. van den Heuvel c.s.
(51) C12N 1/20	Zhiyi Wu	(72) Eddy Alberic Boucké
C12R 1/08	Pengcheng Chen	(41) 04.04.2022
(22) 28.07.2021	Zhihao Dang	(51) E04F 15/02
(54) BREVIBACILLUS BORSTELENSIS,	Fan Cheng	E04F 15/10
PREPARATION AND USE THEREOF,	Fang Huang	(22) 31.07.2020
AND PREPARATION METHOD OF	(41) 05.04.2022	(54) Panel and covering
BIOSURFACTANT	(51) E01C 13/02	(71) I4F LICENSING NV
(71) YANGTZE UNIVERSITY	A01G 25/06	(74) ir. H.Th. van den Heuvel c.s.
(74) ir. W.J.J.M. Kempes	E01C 13/08	(72) Eddy Alberic Boucké
(72) Hao Dong	E02B 11/00	(41) 04.04.2022
Yangyang Feng	E02D 3/10	(51) E04F 15/02
Shanshan Sun	(22) 07.07.2020	E04F 15/10
Puyong Yao	(54) Werkwijze voor het aanleggen van	(22) 31.07.2020
Anying Zheng	een van een grasmat voorzien terrein,	(54) Panel and covering
Linqi Hu	alsmede grasmatsysteem	(71) I4F LICENSING NV
Gaoming Yu	(71) A. Agterberg B.V.	(74) ir. H.Th. van den Heuvel c.s.
Zhi Zhang	(74) ir. A. Blokland c.s.	(72) Eddy Alberic Boucké
Yang Li	(72) Kees Haaksman	(41) 04.04.2022
Shaojin Yi	(41) 05.04.2022	(51) E04F 15/02
Fei Li	(51) E02D 1/02	E04F 15/10
Yuehui She	G01N 3/40	(22) 31.07.2020
Fan Zhang	G01N 19/02	(54) Panel, covering, and method of
Wenda Zhang	(22) 30.07.2020	uncoupling two interconnected panels
(31) 202010814071.0	(54) TESTING SYSTEM	(71) I4F LICENSING NV
(32) 13.08.2020	(71) IHC Holland IE B.V.	(74) ir. H.Th. van den Heuvel c.s.
(33) China	(74) dr. A. Krebs	(72) Eddy Alberic Boucké
(51) C12N 15/88	(72) Jasper Stefan Winkes	(41) 04.04.2022
C12N 15/87	(41) 04.04.2022	(51) E04G 21/16
(22) 04.11.2020	(51) E02D 3/08	E04D 15/00
(54) MULTICOMPONENT DELIVERY	E02D 7/18	E04D 15/04
SYSTEM FOR POLYANIONIC CARGO	E02D 11/00	E04G 23/02
COMPOUND DELIVERY	(22) 30.07.2020	(22) 31.07.2020
(71) Nutcracker Therapeutics, Inc.	(54) Vibratory hammer with electric motor	(54) Werkwijze voor het verwijderen van
(74) dr. ir. G.J.C. Verdijk c.s.	(71) AJD-solutions B.V.	asbesthoudende golfplaten van een dak,
(41) 05.04.2022	(74) ir. J.C. Volmer c.s.	alsmede een inrichting daarvoor
(31) US63/062,749	(72) Joannes Christoffel Werri	(71) Hendrik den Besten
(32) 07.08.2020	Alexander Jorissen	(74) ir. W.J.J.M. Kempes
(33) United States of America	Daniël de Jager	(72) Hendrik den Besten
(51) C12Q 1/04	Adis Bajric	(41) 04.04.2022
C12Q 1/6806	(41) 04.04.2022	(51) G01N 29/04
C12N 15/10	(51) E03F 1/00	G01M 7/08
(22) 28.05.2021	E01C 3/00	G01N 29/12
(54) Preparation method of pathogenic vibrio	E01C 5/22	G01N 29/44
harveyi DNA (Deoxyribonucleic Acid)	(22) 30.07.2020	(22) 28.05.2021
template in prawn culture	(54) A system for assembling a road as	(54) METHOD FOR DETECTING INTERNAL
(71) Qingdao Agricultural University	well as a method for capturing traffic-	DEFECTS OF MAGNETIC TILE BASED
(74) dr. T. Wittop Koning PhD	produced contamination, use of a	ON IMPROVED VARIATIONAL MODE
(72) Hairuo Xu	system of filters for removing traffic	DECOMPOSITION
Shenbo Xu	contamination from water, and a plastic	(71) Sichuan University of Science and
Wenqi Wang	supporting structure for supporting a road	Engineering
Xin Wang	and having a filter	(74) dr. T. Wittop Koning PhD
Shiyong Chen	(71) PR Licensing B.V.	(72) Maoxia Ran
(41) 05.04.2022	(74) dr. ir. F.M. van Bouwelen	Ying Zhou
(51) C12Q 1/6888	(72) Harm Jantinus Marcel Jager	Xin Liu
(22) 02.05.2021	Thomas Bastiaan Lansink	Qiang Li
(54) PRIMERS, PROBE, KIT AND METHOD	Antonie Twan Boshove	Qinyuan Huang
FOR FLUORESCENCE QUANTITATIVE	(41) 04.04.2022	Tian Yang
PCR DETECTION OF PHENACOCOCCUS	(51) E04F 15/02	(41) 05.04.2022
SOLANI FERRIS	E04F 15/10	(31) 202110144047.5
(71) Zhejiang Academy of Science &	(22) 31.07.2020	(32) 03.02.2021
Technology for Inspection & Quarantine	(54) Panel suitable as a floor, ceiling or	(33) China
Hangzhou Customs District P.R. China	wall covering, and covering for a floor,	(51) G01N 33/02
Zhengzhou Customs Technical Center		A23K 10/00
(74) dr. T. Wittop Koning PhD		

G16H 20/60	(71) Carl Zeiss MultiSEM GmbH
(22) 31.07.2020	(74) ir. H.A. Witmans c.s.
(54) Method for enhanced formulation of feed production	(72) Stefan Schubert
(71) ForFarmers Corporate Services B.V.	(31) 10 2020 121 132.5
(74) ir. J.C. Volmer c.s.	(32) 11.08.2020
(72) Adrianus Augustinus Maria van Wesel Willem Gerrit Engberts	(33) Germany
Stanislaus Vincentius Maria Raben	(51) H01M 50/262
(41) 04.04.2022	H01M 50/249
(51) G01V 3/06	B62J 43/13
(22) 17.07.2021	(22) 13.07.2021
(54) ADVANCED DETECTION METHOD OF THREE-DIRECTIONAL APPARENT FREQUENCY DISPERSION RATE OF GALLERY	(54) BATTERY ASSEMBLY
(71) Anhui University of Science and Technology	(71) Darfon Electronics Corp.
(74) dr. T. Wittop Koning PhD	(74) ir. A. Blokland c.s.
(72) Dangdang Meng	(72) Liu Chihhsien
Biao Xu	(31) 109126101
Renjun Chen	(32) 31.07.2020
Hu Xu	(33) Taiwan, Province of China
Dan Han	(51) H01Q 15/16
Zhijie Wan	H01Q 11/08
Xiongwu Hu	(22) 30.07.2020
(41) 05.04.2022	(54) A thin elongated object and a method to provide such a thin elongated object
(31) 202010838567.1	(71) Technische Universiteit Delft
(32) 19.08.2020	(74) mr. ir. J. van Breda c.s.
(33) China	(72) Alden Daniel Yellowhorse
(51) G06F 7/02	(41) 04.04.2022
G06F 7/08	(51) H02G 11/00
G06F 16/58	H02G 3/04
(22) 11.08.2021	B60L 53/31
(54) FACILITATING IMPROVED USE OF STOCHASTIC ASSOCIATIVE MEMORY	(22) 16.08.2021
(71) Intel Corporation	(54) Laadkabelgeleideinrichting en werkwijze
(74) dr. A. Krebs	(71) C10 design & development B.V.
(72) Theodore Willke	(74) ir. F.E. Hoeben
Dipanjana Sengupta	(72) Camille Wilhelmus van den Brande
Jawad Khan	Simon James Hemmingway Wilkinson
Mariano Tepper	Robert Hugo Sluiter
Sourabh Dongaonkar	(31) 2026274
Richard Coulson	(32) 14.08.2020
Chetan Chauhan	(33) Netherlands
(31) PCT/US20/50928	(51) H04R 1/10
(32) 15.09.2020	(22) 25.03.2021
(33) United States of America	(54) Bone conduction earphone
(51) G06N 3/04	(71) LUXSHARE PRECISION INDUSTRY CO., LTD.
G06N 3/08	(74) ir. A. Blokland c.s.
(22) 17.09.2020	(41) 05.04.2022
(54) A method of training a deep neural network and such a network	(31) 202010633900.5
(71) NavInfo Europe B.V.	(32) 02.07.2020
(74) mr. ir. J. van Breda c.s.	(33) China
(72) Fahad Sarfraz	
Bahram Zonooz	
Elahe Arani	
(31) 2026178	
(32) 30.07.2020	
(33) Netherlands	
(51) H01J 37/28	
H01J 37/302	
(22) 11.08.2021	
(54) Method for operating a multiple particle beam system with a mirror mode of operation and associated computer program product	

NP2

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

(51) A01D 45/00	(47) 05.04.2022	(22) 20.04.2021
A01D 46/30	(22) 15.05.2020	(54) QI TONIFYING, BLOOD CIRCULATION
(11) 1044040	(54) CoronaCoup	PROMOTING AND ENDOGENOUS
(47) 06.04.2022	(73) Spyridon Kyrgiopoulos	WIND CALMING CAPSULE FOR
(22) 25.05.2021	(72) Spyridon Kyrgiopoulos	TREATING ISCHEMIC STROKE
(54) HARVESTING METHOD	(51) A47H 1/13	(73) Henan Academy of Traditional Chinese
(73) Panasonic Intellectual Property	E06B 9/323	Medicine
Management Co., Ltd.	E06B 9/42	(72) Xiangyang Li
(72) Hidekazu Araki	(11) 2026183	Wanqian Tu
Seiji Nishitani	(47) 04.04.2022	Huiming Hou
Ryou Toshima	(22) 31.07.2020	Liuji Zhang
(74) drs. O. Griebeling	(54) MONTAGE-INTERFACE EN	Yu Zhang
(31) 2020-091383	MONTAGEPROFIEL VOOR	Jichun Zhou
(32) 26.05.2020	HET MONTEREN VAN EEN	(74) dr. T. Wittop Koning PhD
(33) Japan	MONTAGEBEUGEL VAN EEN SCHERM	(51) A62C 33/04
	OP EEN OPPERVLAK	B65H 59/38
(51) A01D 46/30	(73) COULISSE B.V.	B65H 75/36
A01D 34/00	(72) Ruben Hubert Jan de Vries	(11) 2026180
G05D 1/02	Bastiaan Franciscus Klein Tuente	(47) 04.04.2022
(11) 2026196	(74) drs. C.H. Mink-Lindenburg	(22) 30.07.2020
(47) 04.04.2022	(51) A61F 5/01	(54) A vehicular arrangement for the
(22) 01.08.2020	A43B 7/26	simultaneous collection of a first flexible
(54) Teeltsysteem voorzien van een	(11) 2026173	hose and a second flexible hose
oogstrobot	(47) 04.04.2022	(73) Hydrauvision Raamsdonksveer B.V.
(73) Richard Henricus Adrianus Lieshout	(22) 30.07.2020	(72) Petrus Ivan Constantijn Coertjens
(72) Richard Henricus Adrianus van Lieshout	(54) DEVICE FOR THE TREATMENT OF	Arend de Gier
(74) ir. G.J.M. Verhees	ATHLETE'S FOOT	(74) mr. ir. J. van Breda c.s.
(51) A01H 4/00	(73) Syroko B.V.	(51) B03C 1/22
A01H 6/74	Tiesnitsch Beheer B.V.	B07B 13/00
(11) 2028693	(72) Ernest Juliaan Jozef Marie Kneepkens	B24C 3/04
(47) 05.04.2022	Sylvia Cornelia Maria Jozef Nollen	B24C 9/00
(22) 11.07.2021	Johannes IJsbrand Tiesnitsch	B24C 11/00
(54) METHOD FOR CULTIVATING TRIPLOID	(74) dr. T. Hubregtse	(11) 2026177
APPLE GERMLASM	(51) A61M 16/00	(47) 04.04.2022
(73) Shandong Institute of Pomology	(11) 2027207	(22) 30.07.2020
(72) Linguang Li	(47) 05.04.2022	(54) WERKWIJZE VOOR HET STRALEN
Yuansheng Chang	(22) 23.12.2020	VAN EEN BETONNEN OBJECT MET
Sen Wang	(54) Ventilation system for ventilating a	EEN MAGNETISCH AANTREKBAAR
Xiaowen He	subject	STRAALMIDDEL EN INRICHTING
Ping He	(73) DEMCON macawi respiratory systems	VOOR HET UITVOEREN VAN DE
Haibo Wang	B.V.	WERKWIJZE
(74) dr. T. Wittop Koning PhD	(72) Pieter Christiaan Bijleveld	(73) ROUWELER GROEP B.V.
(51) A01M 21/04	Irene Kaashoek	(72) Martijn Berardus Maria Rouweler
(11) 2026136	Geert van Dijk	(74) drs. C.H. Mink-Lindenburg
(47) 05.04.2022	(74) dr. ir. G.J.C. Verdijck c.s.	(51) B05B 1/28
(22) 24.07.2020	(51) A61M 16/00	B05B 7/02
(54) Assembly and method for exterminating	(11) 2027208	B05B 12/32
plants or weeds, in particular invasive	(47) 05.04.2022	B05B 15/00
plants or weeds, more in particular	(22) 23.12.2020	(11) 2026192
Japanese Knotweed.	(54) Ventilation system for respiratory support	(47) 04.04.2022
(73) TIBACH BV	(73) DEMCON macawi respiratory systems	(22) 31.07.2020
(72) Guido Krieger	B.V.	(54) SPUITHULPINRICHTING VOOR
Antonius Reinerus Maria Evers Evers	(72) Franciscus de Jong	SPUITPISTOOL, SPUITINRICHTING EN
Niek Evers	Geert van Dijk	WERKWIJZE VOOR SPUITEN
Patrick Beijers	(74) dr. ir. G.J.C. Verdijck c.s.	(73) Maria Cornelia Hendrika van Zelst
Jan Hendrik Benardus Hoftijzer	(51) A61P 9/10	Franciscus Evert Schotanus
Joël Hesselink	A61K 36/71	(72) Franciscus Evert Schotanus
(74) drs. P.A. van Essen c.s.	A61K 9/48	(74) dr. ir. G.J.C. Verdijck c.s.
(51) A41D 13/11	(11) 2028018	(51) B22F 10/25
(11) 1043654	(47) 05.04.2022	B23P 6/00

C23C 8/24	Wouter Rudolf Tessels	(33) Germany
B22F 10/80	Frederik Schoonbergen	(51) B65D 88/74
B22F 12/90	(74) ir. H.A. Witmans c.s.	B60J 1/16
B23K 26/03	(51) B60L 50/00	F25D 23/00
B23K 26/342	B60L 53/00	(11) 2024958
B33Y 10/00	H02M 7/483	(47) 06.04.2022
C22C 1/04	H02M 7/797	(22) 21.02.2020
B22F 7/06	(11) 2026176	(54) AIR FLOW CONVEYING VENTILATION
B22F 10/62	(47) 04.04.2022	WINDOW OF REFRIGERATION
B22F 10/66	(22) 30.07.2020	CONTAINER
B23K 26/00	(54) Multi-level bidirectional electrical AC/DC	(73) Shanghai Ocean University
B23K 26/34	converter	(72) Yuyao Sun
B23K 26/60	(73) Prodrive Technologies Innovation	Jinfeng Wang
C23C 24/08	Services B.V.	Jing Xie
B23K 103/14	(72) Mafu Zhang	(74) J. Hoekstra
(11) 2028331	David Menzi	(31) 2019111152706
(47) 05.04.2022	Johann Walter Kolar	(32) 15.11.2019
(22) 28.05.2021	Jon Azurza	(33) China
(54) A Composite Treatment Process of	(74) P.-A. Gollier	(51) C01B 32/174
Titanium Alloy Laser Additive Repair And	(51) B60L 50/51	C01B 32/168
Surface Nitriding	B60L 50/60	(11) 2028522
(73) CHANGSHA UNIVERSITY OF SCIENCE	(11) 2026182	(47) 06.04.2022
& TECHNOLOGY	(47) 04.04.2022	(22) 23.06.2021
(72) Cong Li	(22) 31.07.2020	(54) HETEROJUNCTION COMPOSITE AND
Wei Li	(54) Control system for an electric vehicle	PROCESS FOR MAKING SAME, AND
Bin Xiao	comprising in-wheel motors	ANTIBACTERIAL AND ANTISTATIC
Wei Qiu	(73) E-TRACTION EUROPE B.V.	POLYMER MATERIAL AND PROCESS
Jian Chen	(72) Bas Broekhuis	FOR MAKING SAME AS WELL AS USE
Jianjun He	Gerrit Jan Kwintenberg	THEREOF
Pan Xie	(74) dr. R.C. van Duijvenbode c.s.	(73) NINGXIA UNIVERSITY
(74) drs. C.M.A. Quintelier	(51) B63B 15/00	(72) Faliang Luo
(31) 202011536999.3	B63B 17/00	Dequan Ma
(32) 23.12.2020	B63H 9/06	(74) ir. W.J.J.M. Kempes
(33) China	B63H 9/10	(31) 202110468315.9
(51) B31B 50/78	(11) 2026195	(32) 28.04.2021
B65B 5/02	(47) 04.04.2022	(33) China
B65B 25/04	(22) 31.07.2020	(51) C01G 31/00
B65B 43/28	(54) Vaartuigmast waaraan een zeil of doek	(11) 2028807
B65B 43/34	vastgemaakt kan worden	(47) 06.04.2022
B65D 5/24	(73) SunLite Control B.V.	(22) 22.07.2021
B65D 5/36	(72) Cees Wijma	(54) MO-DOPED VS4 CATHODE MATERIAL
B65D 5/42	Eric van 't Hooft	FOR MAGNESIUM ION BATTERY AND
B65D 5/50	(74) ir. G.J.M. Verhees	USE THEREOF
B65D 85/34	(51) B63B 15/00	(73) QINGDAO UNIVERSITY OF SCIENCE
(11) 2025970	E04H 12/22	AND TECHNOLOGY
(47) 05.04.2022	(11) 2026194	(72) Xin Dai
(22) 01.07.2020	(47) 04.04.2022	Changlong Sun
(54) CARDBOARD CONTAINER	(22) 31.07.2020	Zhenjiang Li
(73) Otium Packaging Technology BV	(54) Vastzetinrichting voor het vastzetten van	Alan Meng
(72) Jacobus Cornelis Rasser	een vaartuigmast op een dek van een	Shiqi Ding
Hendrik Jan van den Berg	vaartuig, alsmede vaartuigmast voorzien	(74) ir. W.J.J.M. Kempes
(74) ir. M.F.J.M. Ketelaars c.s.	van de vastzetinrichting	(31) 202011123676.1
(51) B41M 1/04	(73) SunLite Control B.V.	(32) 20.10.2020
B41F 5/24	(72) Eric van 't Hooft	(33) China
B41F 31/00	Cees Wijma	(51) C02F 3/32
B41M 1/14	(74) ir. G.J.M. Verhees	C02F 3/34
B41M 1/18	(51) B63B 34/30	C02F 1/461
B41F 35/04	B63B 71/00	(11) 2029145
B41N 7/06	(11) 2028280	(47) 06.04.2022
C09D 11/00	(47) 05.04.2022	(22) 07.09.2021
(11) 2027326	(22) 25.05.2021	(54) AQUATIC PLANT-MICROBIAL
(47) 05.04.2022	(54) EIGHT	ELECTROCHEMICAL REMEDIATION
(22) 15.01.2021	(73) Empacher Verwaltungs GmbH & Co. KG	SYSTEM AND APPLICATION THEREOF
(54) Method for applying an image built up	(72) Helmut Empacher	AND METHOD FOR TREATING
of multiple ink layers on a face of a	(74) ir. F.A. Geurts c.s.	ORGANIC POLLUTED WATER
container	(31) 10 2020 120 122.2	(73) Nankai University
(73) Van Dam International Holding B.V.	(32) 30.07.2020	(72) Qixing Zhou
(72) Marco Römer		Ruixiang Li

A01H 6/20	E02D 7/18	(11) 2026189
C12N 15/29	E02D 11/00	(47) 04.04.2022
(11) 2029020	(11) 2026179	(22) 31.07.2020
(47) 06.04.2022	(47) 04.04.2022	(54) Panel suitable as a floor, ceiling or
(22) 23.08.2021	(22) 30.07.2020	wall covering, and covering for a floor,
(54) NOVEL HIGH-OLEIC ACID ALLELIC	(54) Vibratory hammer with electric motor	ceiling or wall, which is constituted by a
MUTATION OF BRASSICA NAPUS	(73) AJD-solutions B.V.	multitude of such panel
BnFAD2 GENE AND DEVELOPMENT	(72) Joannes Christoffel Werri	(73) I4F LICENSING NV
AND USE OF SNP LABELING PRIMER	Alexander Jorissen	(72) Eddy Alberic Boucké
THEREOF	Daniël de Jager	(74) ir. H.Th. van den Heuvel c.s.
(73) Zhejiang Academy of Agricultural	Adis Bajric	(51) E04F 15/02
Sciences	(74) ir. J.C. Volmer c.s.	E04F 15/10
(72) Yaofeng Zhang	(51) E03F 1/00	(11) 2026191
Baogang Lin	E01C 3/00	(47) 04.04.2022
Ying Fu	E01C 5/22	(22) 31.07.2020
Huasheng Yu	(11) 2026175	(54) Panel and covering
Dongqing Zhang	(47) 04.04.2022	(73) I4F LICENSING NV
(74) drs. A.A. Jilderda	(22) 30.07.2020	(72) Eddy Alberic Boucké
(83) 201923	(54) A system for assembling a road as	(74) ir. H.Th. van den Heuvel c.s.
02.12.2019	well as a method for capturing traffic-	(51) E04F 15/02
China Center for Type Culture Collection	produced contamination, use of a	E04F 15/10
(CCTCC)	system of filters for removing traffic	(11) 2026190
College of Life Sciences, Wuhan	contamination from water, and a plastic	(47) 04.04.2022
University, Wuhan 430072, China	supporting structure for supporting a road	(22) 31.07.2020
(51) E01C 13/02	and having a filter	(54) Panel and covering
A01G 25/06	(73) PR Licensing B.V.	(73) I4F LICENSING NV
E01C 13/08	(72) Harm Jantinus Marcel Jager	(72) Eddy Alberic Boucké
E02B 11/00	Thomas Bastiaan Lansink	(74) ir. H.Th. van den Heuvel c.s.
E02D 3/10	Antonie Twan Boshove	(51) E04F 15/02
(11) 1043721	(74) dr. ir. F.M. van Bouwelen	E04F 15/10
(47) 05.04.2022	(51) E04B 1/348	(11) 2026188
(22) 07.07.2020	E04G 21/14	(47) 04.04.2022
(54) Werkwijze voor het aanleggen van	E04G 21/32	(22) 31.07.2020
een van een grasmat voorzien terrein,	(11) 2028385	(54) Panel, covering, and method of
alsmede grasmatsysteem	(47) 06.04.2022	uncoupling two interconnected panels
(73) A. Agterberg B.V.	(22) 04.12.2020	(73) I4F LICENSING NV
(72) Kees Haaksman	(54) Bouwsysteem met houten prefab	(72) Eddy Alberic Boucké
(74) ir. A. Blokland c.s.	modulen.	(74) ir. H.Th. van den Heuvel c.s.
(51) E01D 2/00	(62) 2027049 (04.12.2020)	(51) E04G 21/16
E01D 1/00	(73) VolkerWessels Intellectuele Eigendom	E04D 15/00
E01D 19/00	BV	E04D 15/04
F03D 3/06	(72) Wim Sturris	E04G 23/02
(11) 1043707	(74) ir. J.H.W. Assendelft	(11) 2026184
(47) 06.04.2022	(31) 2024524	(47) 04.04.2022
(22) 24.06.2020	2024385	(22) 31.07.2020
(54) Bridge span	(32) 19.12.2019	(54) Werkwijze voor het verwijderen van
(73) Politechnika Rzeszowska im. Ignacego	04.12.2019	asbesthoudende golfplaten van een dak,
Lukasiewicz	(33) Netherlands	alsmede een inrichting daarvoor
PRZEDSIĘBIORSTWO	Netherlands	(73) Hendrik den Besten
WIELOBRANZOWE ANMET ANDRZEJ	(51) E04C 5/16	(72) Hendrik den Besten
ADAMCIO	(11) 2028214	(74) ir. W.J.J.M. Kempes
(72) Andrzej Adamcio	(47) 06.04.2022	(51) E21D 23/10
Wojciech Wilczynski	(22) 14.05.2021	E21F 13/00
(74) drs. O. Griebing	(54) GROUTING SLEEVE CONNECTING	E21D 20/00
(31) 430403	NODE AND PREFABRICATED	(11) 2026313
(32) 26.06.2019	MEMBER	(47) 06.04.2022
(33) Poland	(73) JIANGSU VOCATIONAL INSTITUTE OF	(22) 20.08.2020
(51) E02D 1/02	ARCHITECTURAL TECHNOLOGY	(54) ANCHORING ROBOT APPLICABLE TO
G01N 3/40	(72) Hui Liu	COMPLICATED WORK CONDITIONS
G01N 19/02	Xiangling Tao	OF FULLY MECHANIZED EXCAVATION
(11) 2026169	Jie Fu	WORKING FACE
(47) 04.04.2022	Zhongying Gao	(73) Anhui University of Science and
(22) 30.07.2020	(74) ir. W.J.J.M. Kempes	Technology
(54) TESTING SYSTEM	(31) 202020809216.3	(72) Shuang Wang
(73) IHC Holland IE B.V.	(32) 15.05.2020	Haishun Deng
(72) Jasper Stefan Winkes	(33) China	Tianbing Ma
(74) dr. A. Krebs	(51) E04F 15/02	Yongcun Guo
(51) E02D 3/08	E04F 15/10	

Guoyong Su	(54) A method of training a deep neural network and such a network
Kun Hu	(73) NavInfo Europe B.V.
(74) drs. P.A. van Essen c.s.	(72) Fahad Sarfraz
(31) 2020100408815	Bahram Zonooz
(32) 13.01.2020	Elahe Arani
(33) China	
(51) G01N 29/04	(74) mr. ir. J. van Breda c.s.
G01M 7/08	(31) 2026178
G01N 29/12	(32) 30.07.2020
G01N 29/44	(33) Netherlands
(11) 2028323	(51) H01Q 15/16
(47) 05.04.2022	H01Q 11/08
(22) 28.05.2021	(11) 2026171
(54) METHOD FOR DETECTING INTERNAL DEFECTS OF MAGNETIC TILE BASED ON IMPROVED VARIATIONAL MODE DECOMPOSITION	(47) 04.04.2022
(73) Sichuan University of Science and Engineering	(22) 30.07.2020
(72) Maoxia Ran	(54) A thin elongated object and a method to provide such a thin elongated object
Ying Zhou	(73) Technische Universiteit Delft
Xin Liu	(72) Alden Daniel Yellowhorse
Qiang Li	(74) mr. ir. J. van Breda c.s.
Qinyuan Huang	
Tian Yang	(51) H04R 1/10
(74) dr. T. Wittop Koning PhD	(11) 2027833
(31) 202110144047.5	(47) 05.04.2022
(32) 03.02.2021	(22) 25.03.2021
(33) China	(54) Bone conduction earphone
(51) G01N 33/02	(73) LUXSHARE PRECISION INDUSTRY CO., LTD.
A23K 10/00	(74) ir. A. Blokland c.s.
G16H 20/60	(31) 202010633900.5
(11) 2026185	(32) 02.07.2020
(47) 04.04.2022	(33) China
(22) 31.07.2020	
(54) Method for enhanced formulation of feed production	
(73) ForFarmers Corporate Services B.V.	
(72) Adrianus Augustinus Maria van Wesel	
Willem Gerrit Engberts	
Stanislaus Vincentius Maria Raben	
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NP3

**Nederlandse octrooien na gedeeltelijke afstand conform artikel 63 van de Octrooiwet 1995..
Contains data concerning Netherlands patents which have been entered in the patent
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EP1

Vertaalde conclusies van Europese octrooiaanvragen.

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

EP2

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B22F 12/20	NICOLESCU, Cornel-Mihai	(51) B23B 49/00
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(73) Rollomatic S.A.	B24B 27/00	(72) STAUBLI, Remo
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F16L 37/091	WORKSTATION THAT CAN	A61N 1/36
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Courvoisier, Florian	OF MARKING OR CUTTING	STIMULATION IN AN EXOSKELETON
(51) B25F 5/00	(73) Angle.Design APS	DEVICE
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(33) Germany	AND PROGRAM	AND ROBOT SYSTEM
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INTAKE AND HEATING, VENTILATING	VEHICLE AND MOTOR VEHICLE	(72) KALISCHKO, Thomas
AND/OR AIR CONDITIONING UNIT	COMPRISING SUCH A SYSTEM	STEMPFLE, Paul
COMPRISING SAID HOUSING	(73) Valeo Systemes Thermiques	SCHMUTZ-EGGERT, Gerhard
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(51) B60K 6/365 B60K 6/445 B60K 6/547 F16H 3/00 F16H 3/72 F16H 37/04 B60W 20/00 F16H 37/10	(31) 102017202484 (32) 16.02.2017 (33) Germany	(51) B60L 1/00 B60L 15/00 F02N 11/08 H01M 10/44 B60R 16/033 H01M 10/42 H01M 10/625 H01M 10/6563 H01M 10/6551 H01M 10/6554 H01M 10/613 B60L 50/16 B60L 58/18 B60L 58/22 B60L 58/20 B60L 58/26 B60L 50/60 B60L 50/64 H01M 50/20
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(54) COMPONENT FOR ADDING A LIQUID TO A LIQUID CONTAINER	(87) EP2019061494	(73) Robert Bosch GmbH
(73) Bayerische Motoren Werke Aktiengesellschaft	05.12.2019	(72) STREHLE, Alfred
(72) ERNST, Lorenz	(22) 06.05.2019	(31) 102015224601
(31) 102013211958	(54) CONTROL UNIT AND METHOD FOR CONTROLLING A BRAKE ACTUATOR OF A VEHICLE, PARTICULARLY OF A RAILWAY VEHICLE	(32) 08.12.2015
(32) 24.06.2013	(73) KNORR-BREMSE Systeme für Schienenfahrzeuge GmbH	(33) Germany
(33) Germany	(72) HECKMANN, Benjamin	(51) B60T 11/224
(51) B60S 1/52	BOXHAMMER, Markus	B60T 11/10
B60S 1/56	ETZBACH, Andrea	B60T 11/16
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(47) 06.04.2022	(33) Germany	B60T 11/228
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(22) 23.01.2018	B60W 30/02	(47) 06.04.2022
(54) VEHICLE SURFACE CLEANING DEVICE	B60W 30/14	(87) US2017047314
(73) Kautex Textron GmbH & Co. KG	B62D 6/00	22.02.2018
(72) LOMER, Alexander	B60W 50/14	(22) 17.08.2017
(31) 102017103158	B60W 10/18	(54) DUAL MASTER CYLINDER BRAKE ASSEMBLY WITH QUICK-FILL FUNCTION
(32) 16.02.2017	B60W 30/04	(73) Carlisle Industrial Brake&Friction
(33) Germany	B60W 30/18	(72) BATCHELOR, Mark
(51) B60S 1/52	B60W 30/045	(31) 201662376481 P
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(21) EP19382400.0	(47) 06.04.2022	(51) B60T 11/34
(47) 06.04.2022	(87) SE2015050575	B60T 17/18
(22) 20.05.2019	10.12.2015	B60T 15/50
(54) TELESCOPIC WASHING DEVICE	(22) 20.05.2015	(11) EP3371018
(73) FICO TRANSPAR, S.A.	(54) METHOD AND SYSTEM FOR THE ADAPTATION OF THE DRIVING OF A VEHICLE ON A ROADWAY IN ASSOCIATION WITH TAKING A CURVE	(21) EP16790983.7
(72) LOPEZ GALERA, Robert	(73) Scania CV AB	(47) 06.04.2022
ALCAIDE HERNÁNDEZ, Olallo	(72) BREDBERG, Linus	(87) EP2016076406
(51) B60S 1/56	ANDERSSON, Jonny	11.05.2017
G01S 7/497	(31) 1450601	(22) 02.11.2016
G02B 27/00	(32) 21.05.2014	(54) PRESSURE-LIMITING VALVE
(11) EP3763580	(33) Sweden	(73) KNORR-BREMSE Systeme für Nutzfahrzeuge GmbH
(21) EP19382580.9	(51) B60T 8/1766	(72) SCHNITTGER, Karsten
(47) 06.04.2022	B60T 8/26	PRINSEN, Fabian
(22) 08.07.2019	B60T 11/20	(31) 102015118963
(54) APPARATUS FOR CLEANING A SURFACE	B62L 3/02	(32) 05.11.2015
(73) FICO TRANSPAR, S.A.	B62L 3/08	(33) Germany
(72) ALCAIDE HERNÁNDEZ, Olallo	(11) EP3495254	(51) B60T 13/68
LOPEZ GALERA, Robert	(21) EP16911069.9	(11) EP3810468
(51) B60T 8/17	(47) 06.04.2022	(21) EP19736995.2
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		26.12.2019
		(22) 18.06.2019
		(54) PARKING BRAKE ARRANGEMENT FOR VEHICLE

(73) KNORR-BREMSE Systeme für Nutzfahrzeuge GmbH	(51) B60W 50/10	(32) 21.03.2018
(72) SCHNITTGER, Karsten	B62D 15/02	(33) Germany
GRIESSER, Fabian	B60W 30/18	(51) B61L 23/04
(31) 102018114636	G08G 1/16	B61L 27/04
(32) 19.06.2018	(11) EP3261892	G01N 25/72
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(47) 06.04.2022	(22) 19.02.2016	(54) NONDESTRUCTIVE EVALUATION OF
(87) EP2019065938	(54) LANE CHANGE ASSISTANCE SYSTEM	RAILROAD RAILS
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(22) 18.06.2019	(73) Bayerische Motoren Werke	(72) FETZER, Barry A.
(54) PARKING BRAKE ARRANGEMENT	Aktiengesellschaft	THOMPSON, Jeffrey G.
FOR VEHICLE	(72) BAHRAM, Mohammad	GEORGESON, Gary Ernest
(73) KNORR-BREMSE Systeme für	MÜLLER, Andreas	HULL, John R.
Nutzfahrzeuge GmbH	TRÜBSWETTER, Ilona	BRADY, Steven Kenneth
(72) GRIESSER, Fabian	AEBERHARD, Michael	SAFAL, Morteza
SCHNITTGER, Karsten	(31) 102015203208	(31) 201615265509
(31) 102018114639	(32) 23.02.2015	(32) 14.09.2016
(32) 19.06.2018	(33) Germany	(33) United States of America
(33) Germany	(51) B60W 50/14	(51) B62B 3/02
(51) B60T 13/74	B60W 50/00	(11) EP3444164
F16D 125/50	(11) EP3571105	(21) EP17206512.0
H02K 7/116	(21) EP18701259.6	(47) 06.04.2022
F16H 55/17	(47) 06.04.2022	(22) 11.12.2017
F16D 121/24	(87) EP2018050391	(54) ADJUSTABLE SUPPORTING FRAME
F16H 57/02	26.07.2018	AND CANOPY STRUCTURE OF PET
F16H 37/04	(22) 09.01.2018	STROLLER
(11) EP3715201	(54) METHOD AND ASSEMBLY FOR	(73) Hou, Chueh-Li
(21) EP19165465.6	INTERACTING WITH A PROPOSAL	(72) Lin, Yi-Chung
(47) 06.04.2022	SYSTEM WITH AUTOMATED	(31) 106128126
(22) 27.03.2019	OPERATING ACTIONS	(32) 18.08.2017
(54) ACTUATOR ASSEMBLY WITH	(73) Volkswagen Aktiengesellschaft	(33) Taiwan, Province of China
INTEGRATED HOUSING FOR	(72) SCHÄFER, Helge	(51) B62B 5/00
ELECTROMECHANICAL PARKING	PALZER, Daniel	B62B 3/00
BRAKE	(31) 102017200735	(11) EP3385145
(73) Keyang Electric Machinery Co., Ltd.	(32) 18.01.2017	(21) EP18157287.6
(72) JANG, Su Gil	(33) Germany	(47) 06.04.2022
PARK, Jang Soo	(51) B61D 17/12	(22) 16.02.2018
KIM, Min Kyu	(11) EP3778335	(54) LOGISTIC MODULE
(51) B60T 15/04	(21) EP20184508.8	(73) YTHALES INVEST
B60T 17/22	(47) 06.04.2022	(72) CHERBONNIER, Yves
(11) EP3770033	(22) 07.07.2020	(31) 201710086906
(21) EP19187720.8	(54) RAIL VEHICLE WITH ROOF	(32) 17.02.2017
(47) 06.04.2022	(73) Siemens Mobility GmbH	(33) China
(22) 23.07.2019	(72) Worsch, Marcus	(51) B62D 1/187
(54) APPARATUS AND METHOD FOR	(31) 102019212216	B62D 1/18
DETERMINING A STATUS OF THE	(32) 14.08.2019	B60K 35/00
TRAILER BRAKE	(33) Germany	B60K 37/00
(73) KNORR-BREMSE Systeme für	(51) B61H 5/00	B60K 37/02
Nutzfahrzeuge GmbH	F16D 65/12	B60K 37/04
(72) UDVARDY, Oliver	(11) EP3768566	(11) EP3845435
(51) B60T 17/00	(21) EP19710327.8	(21) EP20305002.6
F15B 21/04	(47) 06.04.2022	(47) 06.04.2022
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(21) EP18167778.2	26.09.2019	(54) VEHICLE INTERIOR ASSEMBLY
(47) 06.04.2022	(22) 28.02.2019	COMPRISING AN ADJUSTABLE
(22) 17.04.2018	(54) METHOD AND APPARATUS FOR	STEERING COLUMN AND A DISPLAY
(54) AIR SUPPLY UNIT FOR A PNEUMATIC	STRAIGHTENING OF WORN RAIL	DEVICE MOVABLE JOINTLY WITH THE
SYSTEM OF A COMMERCIAL VEHICLE	VEHICLE BRAKE DISCS	STEERING COLUMN
(73) ZF CV Systems Europe BV	(73) KNORR-BREMSE Systeme für	(73) ZF Friedrichshafen AG
(72) Kostrzewa, Kamil	Schienenfahrzeuge GmbH	Faurecia Intérieur Industrie
Chamot, Marcin	(72) VOLK, Thomas	(72) PONTHEU, Didier
Semeniuk, Maciej	ELSTORPFF, Marc-Gregory	DA CRUZ, Stéphane
Czapiewski, Radoslaw	MOSBACH, Christian	GUERREIRO, Pierre
(31) 102018106609	HÄMMERL, Bernhard	(51) B62D 5/04

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B62D 15/02	B60L 8/00	Fischer, Eric
(11) EP3676159	F02M 35/10	Gut, Dieter
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(47) 06.04.2022	(21) EP16873538.9	B66F 7/02
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(22) 10.07.2018	15.06.2017	(47) 06.04.2022
(54) STEERING CONTROLLER AND	(22) 04.11.2016	(22) 04.09.2019
METHOD FOR DETERMINING AN	(54) VEHICLE DRAG REDUCTION AND	(54) AUTOMATICALLY OPERATING
ACTUATING SIGNAL FOR A POWER	ELECTRICITY GENERATION SYSTEM	VEHICLE BODY UNLOADING SYSTEM
ELECTRONICS UNIT OF A STEERING	(73) Smart Auto Labs Inc.	(73) Ford Global Technologies, LLC
DEVICE OF A MOTOR VEHICLE	(72) GUPTA, Shiv	(72) Sahanci, Ömer
(73) Volkswagen Aktiengesellschaft	CHOUKSEY, Siddhant	Sara, Yavuz
(72) SCHÄFER, Johannes Maria	SIKRORIA, Shivam	Kavak, Serdal
(31) 102017215013	(31) 201514961282	Balkan, Ibrahim
(32) 28.08.2017	(32) 07.12.2015	Burgucu, Erkan
(33) Germany	(33) United States of America	Özaydin, Alkan
(51) B62D 5/04	(51) B62D 53/08	Öner, Kadir
F16H 55/22	(11) EP3417252	Koçak, Çagatary
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(21) EP17888628.9	(47) 06.04.2022	B62J 17/04
(47) 06.04.2022	(87) US2017017731	B62K 21/04
(87) KR2017011648	24.08.2017	F02M 35/02
05.07.2018	(22) 13.02.2017	B62J 6/022
(22) 20.10.2017	(54) LOAD CELL ASSEMBLY	B62J 9/00
(54) ELECTRIC POWER STEERING	(73) Vishay Transducers Ltd.	B62J 9/20
SYSTEM	(72) ZIMMERMAN, Bill	B62J 9/23
(73) erae AMS Co., Ltd.	REICHOW, Keith	B62J 9/27
(72) SON, Jung Rak	(31) 201662297733 P	B62J 15/00
LEE, Chung Shin	(32) 19.02.2016	B62K 11/04
PARK, Se Jung	(33) United States of America	B62K 19/48
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(32) 29.12.2016	B60L 53/80	F16H 57/04
(33) Korea (Republic)	B60K 7/00	F16H 3/089
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E04H 6/42	(11) EP3746353	B62J 15/02
E04H 6/12	(21) EP19704260.9	B62J 25/02
E04H 6/30	(47) 06.04.2022	F01L 13/08
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(22) 09.10.2019	UNITS FOR TRAILERS	(54) TWO-WHEELED VEHICLE
(54) PARKING ROBOT SYSTEM FOR A	(73) Purple Line Limited	(73) Indian Motorcycle International, LLC
MOTOR VEHICLE WITH SEVERAL	(72) HAWKINS, Ben	(72) WOLF, Jeffrey P.
WHEELS AND METHOD FOR	HARRISON, Jonathan	BEACH, Craig M.
OPERATING SUCH A PARKING ROBOT	(31) 201801760	GALSWORTHY, David A.
SYSTEM	(32) 02.02.2018	OLTMANS, Jeffrey D.
(73) Volkswagen Aktiengesellschaft	(33) United Kingdom	ZELLMER, Clark
(72) Form, Thomas	(51) B62D 65/02	DAVIS, Clark D.
Schütz, Daniel	B62D 65/16	OAKDEN-GRAUS, Jonathon P.
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(32) 06.12.2018	(21) EP18194099.0	NOVAK, Andrew J.
(33) Germany	(47) 06.04.2022	SCHUHMACHER, Kory J.
(51) B62D 25/12	(22) 12.09.2018	KAHL, Donald W.
(11) EP3798103	(54) DEVICE FOR ADJUSTING A FIRST	WENGER, Urs
(21) EP20198054.7	COMPONENT AND A SECOND	LENTON, Ryan P.
(47) 06.04.2022	COMPONENT OF A PEDESTRIAN	KAESER, Blaine D.
(22) 24.09.2020	AND/OR GOODS TRANSPORT	LENGYEL, John S.
(54) WORK VEHICLE	MEANS RELATIVE TO EACH OTHER,	HITT, Brian J.
(73) Kubota Corporation	AND PASSENGER AND/OR GOODS	ARAMAYO, Gustavo A.
(72) MASUDA, Ryo	TRANSPORT MEANS WITH SUCH A	LANGLOIS, Brian K.
(31) 2019176531	DEVICE	BREW, Gregory C.
(32) 27.09.2019	(73) Illinois Tool Works Inc.	SCHAFER, Nicholas J.
(33) Japan	Motherson Innovations Company Limited	(31) 201361773708 P
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(47) 06.04.2022	(22) 13.04.2018	BATTERIES
(87) IB2019051265	(54) BUOY	(73) The Boeing Company
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(73) Wawrzynski, Pawel	(32) 14.04.2017	(51) B64C 11/48
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(87) US2018019158	(54) UNMANNED SURFACE VESSEL	(72) LICCARDO, Rosario
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(22) 22.02.2018	UNDERWATER VEHICLE OPERATIONS	LICCARDO, Domenico
(54) AUTO-BALANCING VEHICLE WITH	(73) Kongsberg Maritime AS	(51) B64C 23/00
INDEPENDENT WHEEL CONTROL	(72) CALLAWAY, Mark	B64C 21/08
(73) Chen, Shane	SIPILÄ, Sauli Petteri	(11) EP3144221
(72) Chen, Shane	LEVANDER, Oskar	(21) EP15185707.5
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(72) Hrsel, Martin	MARINE VESSEL	(21) EP19158136.2
Hrsel, Karel	(73) Berg Propulsion Production AB	(47) 06.04.2022
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(33) Czech Republic	B63J 3/02	MOUNTED TO WHEEL WELL
(51) B62M 6/60	H02P 9/04	(73) Pratt & Whitney Canada Corp.
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B62M 6/90	(11) EP3733502	DIONNE, Luc
B62J 43/13	(21) EP18906952.9	VILLENEUVE, Bruno
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CHAIN PARALLEL TO A PEDALING	(32) 21.02.2018	ACCUMULATOR AS ENERGY SOURCE
TRANSMISSION CHAIN, AND	(33) Japan	(73) Goodrich Corporation
ASSOCIATED OPERATING METHODS	(51) B64C 1/12	(72) LUCE, William E.
(73) Whattfornow	B64C 3/26	DITZLER, Adam J.
(72) GUERS, François	B64D 27/24	(31) 201715851169
VITIELLO, Florent	H01M 50/116	(32) 21.12.2017
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(51) B64C 27/00	(54) AIRCRAFT LAVATORY TOUCHLESS MANIFOLD SYSTEM AND CONTROL METHOD	(72) WANG, Hongzhi
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TUCKER, Brian Edward	B64D 11/04	(11) EP3536616
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B64C 1/30	F17C 1/06	(73) Gulfstream Aerospace Corporation
B64C 39/02	F17C 1/16	(72) GORTON, Andrew
(11) EP3455129	(11) EP3450316	HULL, Randy
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(22) 05.05.2017	(73) Goodrich Corporation	(51) B64D 17/72
(54) SYSTEMS AND METHODS RELATED TO TRANSFORMABLE UNMANNED AERIAL VEHICLES	(72) SLANE, Casey	A62B 1/00
(73) SZ DJI Technology Co., Ltd.	CHING, Nathaniel	B64D 17/76
(72) LIAO, Ran	HU, Jin	A62B 1/22
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(22) 06.02.2018	(73) Airbus Defence and Space, S.A.U.	(72) CUI, Yanxiang
(54) HOLD OPEN ROD ASSEMBLY	(72) MARTÍN GÓMEZ, Gonzalo	LIU, Qiang
(73) Hartwell Corporation	(51) B64D 41/00	ZHAO, Kaibin
(72) ARTIN, Bo, D.	(11) EP3348486	YANG, Yanchu
(31) 201762455433 P	(21) EP17461504.7	ZHU, Rongchen
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(33) United States of America	(22) 14.01.2017	(31) 201911084221
(51) B64D 29/06	(54) RELEASE MECHANISM	(32) 07.11.2019
F01D 5/14	(73) Hamilton Sundstrand Corporation	(33) China
F01D 5/34	(72) KIELCZYKOWSKI, Przemyslaw	
F01D 5/16	BOBAK, Jakub Mateusz	(51) B64G 1/10
F04D 29/32	(51) B64F 1/02	B64G 1/40
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(47) 06.04.2022	B64C 39/02	(11) EP3778404
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(33) United Kingdom	(54) FLYING BODY TAKE-OFF AND LANDING ASSISTANCE DEVICE	VILLARREAL, Thomas
(51) B64D 33/02	(73) Mitsubishi Heavy Industries, Ltd.	SUMMERS, Matt H.
F02C 7/052	(72) FUJITA, Jun	DANFORTH, Jeremy C.
B64D 45/00	(31) 2016036328	STALLINGS, Jared D.
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F02M 35/10	(33) Japan	LYMAN, Ward D.
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(47) 06.04.2022	B64C 1/20	KOEHLER, Frederick B.
(22) 23.10.2020	B64D 9/00	(31) 201615091008
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(73) Airbus Helicopters	B65G 21/10	(33) United States of America
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(32) 14.11.2019	(47) 06.04.2022	B64G 1/22
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(51) B64D 35/04	(54) MOVEABLE INTEGRATED SIDE GUIDE AND ROLLER TRAY ASSEMBLY FOR CARGO MANAGEMENT SYSTEM	F16F 15/14
A63H 27/00	(73) Goodrich Corporation	(11) EP3802330
B64C 27/08	(72) MEIDINGER, Joshua Ryan	(21) EP19723350.5
B64C 39/00	LARSON, Wallace Harold	(47) 06.04.2022
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(47) 06.04.2022	B64B 1/02	(73) Rockwell Collins Deutschland GmbH
(87) SE2017050702	B64B 1/40	(72) HENNING, Dirk
03.01.2019	G06F 30/15	EHINGER, Markus
(22) 26.06.2017	G06F 30/23	(31) 102018112496
(54) ROTOR FLIGHT VEHICLE	G06F 30/28	(32) 24.05.2018
(73) ACC Innovation AB	(11) EP3845465	(33) Germany
(72) LJUNG, Anders	(21) EP19934358.3	(51) B64G 1/42
(51) B64D 39/04	(47) 06.04.2022	B64G 1/66
F16L 11/08	(87) CN2019117245	G01R 31/3187
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(47) 06.04.2022		(47) 06.04.2022
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		(54) Built-in test for satellite digital payload verification
		(73) The Boeing Company
		(72) Bolton, Robert Emerson
		Behboudikha, Payman

Jaque, Philip Stewart Chiu, Robert Conder	HANDLING ITEMS AND/OR PACKAGING MATERIAL	(11) EP3319882 (21) EP16736831.5 (47) 06.04.2022
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(33) United States of America	GRIMM, Sebastian	(22) 05.07.2016
(51) B65B 1/04	WESTERMEIER, Christian	(54) APPARATUS FOR PROCESSING CONTAINERS
B65G 47/00	MOHR, Josef	(73) Sacmi Imola S.C.
B65B 5/10	KOLLMUSS, Manuel	(72) PEDERCINI, Maurizio
B65B 35/22	OSTERHAMMER, Martin	MASSARI, Mirco
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(11) EP3595972	(32) 10.04.2018	CASADIO, Lorenzo
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(87) EP2018055809	B65B 41/18	(33) Italy
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(22) 08.03.2018	B65B 61/00	B65D 51/20
(54) AUTOMATED CONVEYOR	B65B 65/00	B65D 77/20
(73) Dickfeld, Nils	B65B 11/10	(11) EP3681813
(72) Dickfeld, Nils	(11) EP3441315	(21) EP18856558.4
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(33) Germany	(22) 07.07.2018	(22) 13.09.2018
(51) B65B 13/02	(54) METHOD AND PACKAGING SYSTEM FOR PRODUCING CONTAINERS	(54) TRANSPORT CLOSURE, A PACKAGING CONTAINER COMPRISING THE TRANSPORT CLOSURE AND A METHOD FOR REMOVING THE TRANSPORT CLOSURE FROM THE PACKAGING CONTAINER
B65B 27/06	(73) Kronos Aktiengesellschaft	(73) AR Packaging Systems AB
(11) EP3752425	(72) KIESLINGER, Manfred	(72) SUNNING, Eva
(21) EP19707241.6	MAYER, Thomas-Florian	HOLKA, Simon
(47) 06.04.2022	SEIDL, Marcus	DAHLIN, Kajsa
(87) US2019017434	(31) 102017214089	KONSTENIUS, Fredrik
15.08.2019	(32) 11.08.2017	(31) 1751125
(22) 11.02.2019	(33) Germany	(32) 14.09.2017
(54) PORTABLE CABLE TIE TOOL	(51) B65B 43/50	(33) Sweden
(73) Panduit Corp.	B65B 43/52	(51) B65D 21/06
(72) VU, Thuc K.	B65B 43/60	(11) EP3875385
LEGER, Raymond A.	B65B 65/00	(21) EP20160637.3
DOORNBOS, Simon L.	B67C 7/00	(47) 06.04.2022
HILLEGONDS, Lawrence A.	(11) EP3645405	(22) 03.03.2020
(31) 201916270777	(21) EP18747006.7	(54) STACKING CRATE AND TRANSPORT AND / OR STORAGE SYSTEM COMPRISING TWO OR MORE STACKING CRATES
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(32) 08.02.2019	(87) IB2018054737 03.01.2019	(72) Koch, Hilko
12.02.2018	(22) 27.06.2018	(51) B65D 25/10
(33) United States of America	(54) SYSTEM FOR ASSEMBLING AND FILLING ELECTRONIC CIGARETTES	A47J 39/02
United States of America	(73) G.D S.p.A.	B65D 81/38
(51) B65B 19/00	(72) FEDERICI, Luca	F25D 3/08
B65B 19/04	LANZARINI, Luca	F25D 23/02
(11) EP3837174	TESTONI, Luca	A47J 47/14
(21) EP19787415.9	SARTONI, Massimo	(11) EP3705416
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(22) 13.08.2019	(51) B65C 9/18	(54) INSULATING CONTAINER
(54) METHOD OF FILLING CONTAINERS WITH ROD-LIKE ARTICLES	(11) EP3210899	(73) thermohaus GmbH
(73) International Tobacco Machinery Poland Sp. z o.o.	(21) EP17000255.4	Storopack Hans Reichenacker GmbH
(72) SOTOWSKI, Krzysztof	(47) 06.04.2022	(72) Schulz, Jörg
(31) 42666318	(22) 16.02.2017	Mohamed, Nadine
(32) 16.08.2018	(54) METHOD AND DEVICE FOR APPLYING LABELS TO PRODUCTS	Decker, Peter
(33) Poland	(73) Focke & Co. (GmbH & Co. KG)	(31) 102019105846
(51) B65B 35/40	(72) Beutler, Benny	
B65G 19/24	Vujevic, Aleksandar	
B65B 21/06	Roesler, Burkard	
B65B 21/24	Loserelt, Thomas	
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(47) 06.04.2022	(33) Germany	
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(54) WORK MODULE FOR A PACKAGING DEVICE AND METHOD FOR		

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(33) Germany	B32B 5/14	PRODUCING A SEALED BREAK-OPEN
(51) B65D 25/10	B32B 29/00	PACKAGE
B65D 77/04	B65D 5/62	(73) Easysnap Technology S.r.l.
B65D 83/00	B65D 85/10	(72) TAGLINI, Andrea
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(54) CHILD RESISTANT CONTAINER	(22) 08.02.2013	(47) 06.04.2022
(73) Philip Morris Products S.A.	(54) PACKAGING SHEET, CIGARETTE	(87) IB2019050861
(72) FILLEUL, Bayden	PACKAGE USING SAID PACKAGING	15.08.2019
NOLAN, Michael	SHEET, AND OUTER BLANK FOR SAID	(22) 04.02.2019
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(54) SIGNAL PROCESSING DEVICE,	A61F 13/00	(87) EP2019062931
SEAL-OPENING DETECTION	B32B 7/14	05.12.2019
MODULE, PROGRAM, SEAL-OPENING	A61J 1/00	(22) 20.05.2019
DETECTION METHOD, AND ARTICLE-	(11) EP3421388	(54) TRANSPORTING AND STORAGE
PACKAGING MATERIAL	(21) EP17756488.7	CONTAINER FOR LIQUIDS
(73) Sony Group Corporation	(47) 06.04.2022	(73) Protechna S.A.
(72) KOSAKA, Hideo	(87) JP2017006381	(72) KLATT, Bernd
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(51) B65D 30/00	STERILIZATION	(51) B65D 77/04
B65D 30/20	(73) Asahi Kasei Kabushiki Kaisha	B65D 77/06
B65D 33/02	(72) KATO, Kazufumi	E05D 11/10
B65D 33/08	MORI, Masaaki	(11) EP3733549
B65D 33/18	AMANO, Seiichi	(21) EP19172036.6
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(54) A PAPER BAG	(11) EP3762310	(72) STRINGER, John Andrew
(73) BillerudKorsnäs AB	(21) EP19715993.2	COPE, Andrew Christopher
(72) LINDSTRÖM, Ove	(47) 06.04.2022	(51) B65D 81/00
ÅBACKA, Andreas	(87) IB2019051855	A61B 5/00
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02.08.2018	(33) Italy	DUNN, Timothy Christian
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(54) CAP AND SEPARABLE LAMINATE	B31B 70/855	DONIGER, Kenneth
CONTAINER	(11) EP3740438	BERMAN, Glenn Howard
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(72) TARUNO, Shinsuke	(47) 06.04.2022	YEE, Phillip
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(32) 30.01.2017	25.07.2019	MCGARRAUGH, Geoffrey
(33) Japan	(22) 18.01.2019	HARPER, Wesley Scott
		PEYSER, Thomas

LOVE, Michael	(54) CONTAINER HANDLING VEHICLE	(51) B65G 15/24
SLOAN, Mark Kent	WITH FIRST AND SECOND SECTIONS	B65G 15/08
HAYTER, Gary Alan	AND LARGER WHEEL MOTORS	B65G 47/66
(31) 297625 P	ON TWO OF THE WHEELS IN THE	B65G 15/02
247541 P	SECOND SECTION	(11) EP3749596
23867209 P	(73) AUTOSTORE TECHNOLOGY AS	(21) EP18713341.8
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(33) United States of America	PCT/EP2018/077732	PASTA
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(73) Dampack International BV	Norway	(73) MÄRTENS Transportbänder GmbH
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KLABBERS, Theo	World Intellectual Property Office (WIPO)	(31) 102017124109
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(22) 14.07.2017	(54) METHOD FOR PICKING-AND-PUTTING	(11) EP3227208
(54) PECTIN- OR GELATIN-BASED	PRODUCT	(21) EP15864514.3
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ARGIN, Sanem	(51) B65G 13/02	WITH ZONE CONTROL
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(54) CAPSULE FOR BEVERAGE	B65G 59/12	05.04.2018
PREPARATION MACHINE	(11) EP3294647	(22) 29.09.2017
(73) Société des Produits Nestlé S.A.	(21) EP16793125.2	(54) SCREW CONVEYOR TO CONVEY
(72) MERCIER, Marion Sylvie Suzanne	(47) 06.04.2022	POWDERY MATERIAL, IN PARTICULAR
(31) 16176539	(87) US2016026927	CEMENT OR THE LIKE
(32) 28.06.2016	17.11.2016	(73) Wamgroup S.p.A.
(33) European Patent Office (EPO)	(22) 11.04.2016	(72) MARCHESINI, Vainer
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SYSTEM	(72) ASAMOTO, Katsuya	(11) EP3666703
(73) ContiTech Transportbandsysteme GmbH	KITAGISHI, Mikio	(21) EP19215369.0
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GERMAIN, Tristan	EHEMANN, Karl, David	MATERIAL, AND A CORRESPONDING
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(73) Koninklijke Philips N.V.	(73) Vitesco Technologies GmbH	Palomba, Sergio
(72) VAN DEN AKER, Karel Johannes	(72) Jausel, Heiko	Camatti, Massimo
Adrianus	Graf, Rolf	Bergamini, Lorenzo
VAN DEN ENDE, Daan Anton	(31) 102014222398	(31) MI20091235
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DRIVE AND ION DRIVE HAVING A	G05D 9/12	(22) 26.02.2019
DISCHARGE CHAMBER	F04C 18/02	(54) FAN ASSEMBLY FOR A GAS BURNER
(73) Airbus Defence and Space GmbH	(11) EP3194786	APPLIANCE AND ASSEMBLY
(72) KORNFELD, Günter	(21) EP15875456.4	COMPRISING THE FAN ASSEMBLY
HEY, Franz Georg	(47) 06.04.2022	(73) Ademco CZ s.r.o.
JOHANN, Ulrich	(87) KR2015006189	(72) Kralicek, Libor
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(32) 12.04.2016	(22) 18.06.2015	Kostecky, Milan
(33) Germany	(54) OIL LEVEL DETECTING APPARATUS	(51) F04D 19/04
(51) F04B 1/04	AND CONTROL METHOD THEREOF,	F04D 23/00
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(21) EP20163489.6	AND CONTROL METHOD THEREOF,	F04D 29/64
(47) 06.04.2022	METHOD FOR CONTROL OIL RETURN	(11) EP3623634
(22) 21.02.2018	USING OIL LEVEL AND OIL FLOW	(21) EP19191378.9
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(73) Graco Minnesota Inc.	LEE, Hyo Sang	(54) VACUUM PUMP COMPRISING A
(72) WROBEL, Steve J	JANG, Yong Hee	HOLWECK PUMP STAGE AND TWO
HORNING, Jeremy D	KOO, Hyung Mo	SIDE CHANNEL PUMP STAGES
(31) 201762461575 P	LIM, Byoung Guk	(73) PFEIFFER VACUUM GMBH
(32) 21.02.2017	CHO, Il Yong	(72) Südwasser, Sebastian
(33) United States of America	CHOI, Byung Ik	Stoll, Tobias
(51) F04B 39/02	HAN, Jeong Su	Schweighöfer, Michael
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(22) 03.07.2017	(72) Stuart, Martin	(54) SIDE CHANNEL COMPRESSOR WITH
(54) COMPRESSOR SYSTEM	(31) 201901781	SEALING ARRANGEMENT
(73) Ingersoll-Rand Industrial U.S., Inc.	(32) 08.02.2019	(73) Gardner Denver Deutschland GmbH
(72) YENNETI, Srinivasa Rao	(33) United Kingdom	(72) Rjabchenko, Evgenij
ABLE, Nicholas	(51) F04D 17/12	Gans, Manuela
PETERS, Michael	F04D 25/06	(31) 102016222430
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(54) BACKPACK BLOWER	F15B 11/028	CONNECTING METHOD
(73) Techtronic Outdoor Products Technology Limited	F15B 11/08	(73) Stryker European Operations Holdings LLC
(72) Hoffman, Ronald J	F15B 11/17	
Holman, Christopher A	(11) EP3604824	(72) GHANAM, Fadi
Nolin, Eric	(21) EP18774535.1	MELDER, Ulrich
Eckard, Lance A	(47) 06.04.2022	KUBIS, Sascha
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(51) F04D 29/32	HIRAKU, Kenji	(47) 06.04.2022
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(47) 06.04.2022	(32) 30.03.2017	METHOD FOR CONNECTING TWO
(22) 05.02.2020	(33) Japan	COMPONENTS
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GAS TURBINE ENGINE	(11) EP3765751	Lamello AG
(73) Rolls-Royce plc	(21) EP19706956.0	Haser, Franz Josef
(72) Bousfield, Ian	(47) 06.04.2022	(72) BAUR, Franz
MacDougall, Duncan	(87) EP2019054150	SEILER, Philipp
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(32) 26.02.2019	(22) 20.02.2019	HASER, Franz Josef
(33) United Kingdom	(54) RELEASABLE INTERLOCKING	(31) 102016202450
(51) F04D 29/44	CONNECTION BETWEEN A FIRST	(32) 17.02.2016
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(22) 09.03.2018	(51) F16B 7/20	(73) A. Raymond et Cie
(54) DOUBLE-SUCTION CENTRIFUGAL	F16B 7/04	(72) Pacho Millán Sandra
FAN	F16B 2/18	
(73) Daikin Industries, Ltd.	E02B 17/00	(51) F16B 21/08
(72) KASHIHARA Takashi	H02G 1/10	B60R 13/02
KOJIMA Azumi	F16L 57/06	(11) EP3478975
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F15B 11/00	28.03.2019	EXTENDING FROM THE HEAD ALONG
F15B 13/01	(22) 13.08.2018	A LONGITUDINAL AXIS
F15B 11/05	(54) PROTECTION DEVICE, ASSEMBLY	(73) A. Raymond et Cie. SCS
(11) EP3543544	AND METHOD	(72) KOLB, Christian
(21) EP17870898.8	(73) Tekmar Energy Limited	SCHREIYÄCK, Daniel
(47) 06.04.2022	(72) SHELDRAKE, Terence	(31) 102016008022
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CARGO VEHICLE	(32) 12.03.2018	F16B 37/06
(73) Kabushiki Kaisha Toyota Jidoshokki	20.09.2017	(11) EP3061979
(72) UEDA Yuki	(33) United Kingdom	(21) EP15189651.1
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(32) 16.11.2016	(51) F16B 11/00	(22) 13.10.2015
(33) Japan	F16B 7/00	(54) INSERT TO BE CRIMPED ONTO
	(11) EP3620667	A PART TO BE ATTACHED TO A
		MOUNTING AND ATTACHMENT

ASSEMBLY COMPRISING SUCH AN INSERT	(21) EP19709388.3 (47) 06.04.2022	KUDO Tetsuya XU Wei
(73) Bollhoff Otolu	(87) EP2019054655 06.09.2019	MATSUMOTO Jun MORIYAMA Shun
(72) Fromont, Marc Mailland-Guillermin, Laurianne Chalvet, Franck	(22) 26.02.2019 (54) METHOD FOR ENERGY-SAVING, LOW-WEAR OPERATION OF A GAS BEARING	(31) 2018218340 2017234350 2017234351
(31) 1551718 (32) 27.02.2015 (33) France	(73) Robert Bosch GmbH (72) BRAUN, Jochen HAHN, Sergei	(32) 21.11.2018 06.12.2017 06.12.2017
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(54) RAPID INSTALLATION THERMOPLASTIC EME PROTECTION CAP	(11) EP3793630 (21) EP19725346.1 (47) 06.04.2022	(22) 09.10.2019 (54) WIRE-FORMED BEARING CAGE (73) The Timken Company (72) CHAUDHARI, Rahul SMITH, Douglas, H. RINGLE, Robert
(73) The Boeing Company (72) COWAN, Daniel J. BOOTH, Brandon D. MULLIGAN, Brandon STEVENS, Bart	(87) EP2019062746 21.11.2019 (22) 16.05.2019 (54) ROTOR BEARING ARRANGEMENT (73) Kardion GmbH (72) STOTZ, Ingo	(31) 201862743876 P (32) 10.10.2018 (33) United States of America
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CHEN, Han Hiong	(73) Honda Motor Co., Ltd.	MANUFACTURING SAME
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ABSORBER TO A HUB OF A FRICTION	(54) A STEERING AXLE BRAKE ASSEMBLY	(73) Mitsubishi Belting Ltd.
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(73) Schaeffler Technologies GmbH & Co. KG	(72) TAYLOR, Scott	TAKABA, Susumu
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SYSTEM	(73) Showa Corporation	HAVING A CHAIN LINK
(73) Schaeffler Technologies GmbH & Co. KG	(72) TANAKA, Katsushi	(73) Igus GmbH
(72) PROKHOROV, Kirill	YOSHIDA, Kojiro	(72) BLASE, Frank
KIESNER, Viktor	(31) 2017042791	THEISS, Georg
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(73) Voith Patent GmbH	(33) Japan	BRAUN, Christoph
(72) VOGEL, Peter	(51) F16H 25/22	(31) 102016203718
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(73) HONDA MOTOR CO., LTD.	(11) EP3752754	BÜHN, Olivier
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(72) SCHROEDER, Dirk	(32) 16.02.2018	(73) Samsung Electronics Co., Ltd.
ROTTENKOLBER, Helmut	(33) United States of America	(72) MATSUNO, Tomohiko
WACK, Jan	(51) F25C 5/08	SHIMIZU, Kazuo
REBINGER, Christian	F25C 5/00	IWAMOTO, Tomoharu
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(11) EP3591318	(22) 16.10.2013	(33) Japan
(21) EP19184347.3	(54) LOW ENERGY REFRIGERATOR HEAT SOURCE	Korea (Republic)
(47) 06.04.2022	(73) Whirlpool Corporation	(51) F25D 19/00
(22) 04.07.2019	(72) Boarman, Patrick J.	F25B 39/04
(54) VARIABLE SPEED BLOWER CONTROL FOR HVAC SYSTEMS	(31) 201213691890	F25D 23/00
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(51) F25B 49/02	(47) 06.04.2022	(54) REFRIGERATOR
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(11) EP3361191	(22) 02.02.2019	MARINELLO, Giulia
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(47) 06.04.2022	(73) Haier Smart Home Co., Ltd.	HUNTER, Lynne F.
(22) 10.02.2017	(72) WANG, Ning	(51) F25D 23/02
(54) HEAT SOURCE UNIT AND AIR CONDITIONER HAVING THE HEAT SOURCE UNIT	REN, Shufei	(11) EP3332674
(73) Daikin Europe N.V.	WANG, Meng	(21) EP17203720.2
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(72) Pirmez, Pieter	(31) 201810130313	(22) 27.11.2017
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Kawano, Satoshi	(33) China	(73) BSH Hausgeräte GmbH
(51) F25C 1/24	(51) F25D 11/02	(72) Zhang, Chuan
F25C 5/182	F25D 25/02	Xu, Yaoguo
F25C 5/20	F25D 17/06	Lv, Ping
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KIM, Min Soo	(54) REFRIGERATING AND FREEZING DEVICE	(73) Samsung Electronics Co., Ltd.
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(51) F25C 5/02	JIANG, Bo	Yang, Byungkwan
F25D 11/02	ZHU, Xiaobing	Kim, Dongyeong
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(73) Haier US Appliance Solutions, Inc.	F25B 47/02	(33) Korea (Republic)
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(51) F25D 23/02	(73) Conlon, William M.	(72) Yoo, Sanghoon
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(73) BSH Hausgeräte GmbH	(51) F27B 9/24	(22) 12.06.2017
(72) FINK, Andrea	B29C 49/42	(54) LATTICE BOILER EVAPORATOR
DEISSLER, Stefan	B29C 49/68	(73) Acer Incorporated
CLAASS, Elena	B65G 54/02	(72) HSIEH, Cheng-Wen
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(72) ZHANG, Huawei	(51) F28D 1/03	(73) TitanX Holding AB
LIU, Chao	(11) EP3598047	(72) FRITIOFSSON, Jenny
YU, Hao	(21) EP18184825.0	HEDMAN, Rolf
LI, Pingfang	(47) 06.04.2022	CONTET, Arnaud
LIANG, Benlei	(22) 20.07.2018	(31) 1450419
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(33) China	(72) GONZALEZ, Florencio	(51) F28F 3/08
(51) F25J 1/00	FORST, Jan	F28D 9/00
F25J 1/02	JIRSA, Jakub	F28D 7/10
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		(72) MORIKAWA, Tatsuya

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(51) F28F 13/00	(73) Heckler & Koch GmbH	(11) EP3792585
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(72) TANAKA, Takashi	F41G 1/26	G01H 11/06
MOKI, Akihiko	(11) EP3755965	F01D 11/14
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(73) Sanhua (Hangzhou) Micro Channel Heat Exchanger Co. Ltd	F41H 7/04	(51) G01B 9/02
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(51) F28F 19/06	(73) Rheinmetall Landsysteme GmbH	(73) Nidek co., Ltd.
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(47) 06.04.2022	(33) Japan	HOLDYNSKI, Zbigniew
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		NASILOWSKI, Tomasz
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(72) LIU, Yusi	(54) APPARATUS FOR TESTING	(73) Murata Manufacturing Co., Ltd.
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JIANG, Xiuping	OF GAS TURBINES	Blomqvist, Anssi
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(54) METHOD AND DEVICE FOR	(87) US2016018022	(21) EP19179339.7
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A CONTAINER FOR PACKAGING A	(22) 16.02.2016	(22) 11.06.2019
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(73) Steinfurth Mess-Systeme GmbH	ALIGNMENT OF VEHICLE BLIND SPOT	OSCILLATIONS GENERATOR AND
(72) FALKENSTEIN, Martin	MONITORING SENSOR	BICYCLE COMPRISING SAME
(31) 102013110202	(73) HUNTER ENGINEERING COMPANY	(73) Robert Bosch GmbH
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(54) MEASUREMENT SYSTEM AND	(21) EP14702940.9	(21) EP13811261.0
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MITKAR, Amit	company	KRALEVICH, Nicholas N., IV
TAMBE, Unmil Vinay	(72) EL - MOUSSA, Fadi	WRIGHT, Michael
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(73) Saturn Licensing LLC	DEVICE	LIU, Huan
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(72) KUMAR, Dhulipalla Phaneendra	(72) KIRISKEN, Barbaros	(73) Idemia Identity & Security France
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(51) H01L 45/00	YOU, Youngmin	H01M 4/02
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SAME	Korea (Republic)	AQUEOUS LITHIUM SECONDARY
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(72) BARLAS, Marios	(11) EP3056554	(72) KOBAYASHI, Tetsuro
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NANOPARTICLES	STAMPING PRESS	PRODUCTION DEVICE WITH A
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(72) BEFFA, James Charles	(72) KÖLSCH, Jörg	POSITIONABLE ROBOT CELL AND
LOH, Lawrence C.	WÄSCHENBACH, Christoph	METHOD FOR OPERATING SUCH
GEYER, Robert Barrett	WOLLENWEBER, Thomas	A ROBOT CELL WHICH CAN BE
HANNI, David Guy	BRUCH, Harald	POSITIONED
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PARENT, Kelly M.	(31) 102016100926	(72) STEIN, Christian
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JANSSEN, Michael	WESTERMEIER, Christian	BOARD
(74) ir. A.R. Aalbers	UNTERSEHER, Josef	(73) UPM Plywood Oy
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STENVALL, Peter	PETRIAX, Marine	B29K 101/10
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(72) OCHI, Takashi	(73) Greiner Bio-One GmbH	(72) Schischke, Henrik
SUZUKI, Tamotsu	(72) STAEMMLER, Lutz	Linne, Stefan
NISHINO, So	THUMM, Andreas	(74) ir. W.J.J.M. Kempes
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(33) Austria	(22) 25.08.2020	Korea (Republic)
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B32B 27/18	MODULE, HOLDING DEVICE FOR THE	B60W 50/00
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C08K 5/00	FOR THE LIGHTING MODULE	B60W 10/26
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(73) CONSTAB Polyolefin Additives GmbH	(33) Germany	OF A CHARACTERISTIC CURVE OF A
(72) STRUNK-WESTERMANN, Andreas	(47) 22.12.2021	HYBRID VEHICLE
BRANDHOFF, Patrick	(51) B60J 5/04	(73) MAN Truck & Bus SE
(74) dr. W.A.H.M. Van Borm	B60R 5/00	(72) Günnewicht, Manuel
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METHOD AND DEVICE FOR	(33) Germany	SURROUNDING VEHICLE
GENERATING A THREE-DIMENSIONAL	(47) 23.02.2022	(73) Volvo Truck Corporation
OBJECT	(51) B60K 17/354	(72) WIBERG, Wilhelm
(73) EOS GmbH Electro Optical Systems	B60K 17/356	BERGQUIST, Stefan
(72) GRÜNBERGER, Stefan	(11) EP3628525	(74) dr. R.C. van Duijvenbode c.s.
PATERNOSTER, Stefan	(21) EP19199616.4	(47) 19.01.2022
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B63B 23/48	OF CONTAINERS	B29C 59/02
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(73) SETEC S.p.A.	(33) United States of America	FLEXIBLE PACKAGING BAG AND
(72) Seminatore, Fabio	(47) 05.01.2022	METHOD AND APPARATUS FOR ITS
(74) ir. W.J.J.M. Kempes		PRODUCTION
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(73) Heinrich Hirdes GmbH	CONTAINER	FREEDMAN, Jonathan R.
(72) SCHEFFER, Niels	(73) Ipet Technologies Ltd	LUCAS, Franklin Lee, Jr.
FREUDENTHAL, Michael	(72) SIDERIS, Constantinos	TIFFT, Brian
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BEAUSOLEIL, Anne-Marie	VITOR, Carlos Eduardo	CHEN, Shoujun
HUDSON, Ryan	GUIMARÃES, Cristiano Ruch Werneck	WANG, Yuxun
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IM, G-Yoon Jamie	(54) PRODRUGS OF PROSTATE SPECIFIC	NICHOLAS, Anthony
LEE, Thomas Wai-Ho	MEMBRANE ANTIGEN (PSMA)	CARLSON, Jeffrey
IYENGAR, Rajesh R.	INHIBITOR	FOWLER-WATTERS, Matthew
NAKAI, Takashi	(73) The Johns Hopkins University	BUSH, Erik, W
RENNIE, Glen Robert	Institute of Organic Chemistry and	ALMEIDA, Aaron
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RETROREFLECTIVE PROPERTIES	KOSEOGLU, Omer Refa	MATSUNAGA, Phillip, Thomas
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	H01L 51/50
	H01L 51/52
(00)	21/21
	26.05.2021
(11)	EP3642372
(51)	C21D 9/56
	C21D 11/00
(00)	21/21
	26.05.2021
(11)	EP3645757
(51)	B32B 15/01
	C21D 1/673
	C21D 9/46
	C23C 2/12
	C23C 2/26
	C23C 2/28
	C23C 8/10
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	02.06.2021
(11)	EP3656226
(51)	A24F 40/40
	A24F 40/50
	A24F 40/70
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(11)	EP3716823
(51)	A47J 31/40
	B67D 1/00
(00)	07/22
	16.02.2022
(11)	EP3797682
(51)	A61B 5/00
	A61B 5/05
(00)	22/21
	02.06.2021

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Rechten waarvoor een beslissing is genomen op een verzoek- of bezwaarschrift conform de Octrooiwet 1995.

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

(11) 2020195	A61P 27/02	(11) EP3471805
(51) C04B 26/16	C07H 15/04	(51) A61M 15/00
C08G 18/40	(11) EP2831121	(00) 28/20
C08G 18/73	(51) C08B 11/20	08.07.2020
C08G 18/75	C08B 13/00	(11) EP3558674
C08G 18/76	(00) 33/19	(51) B32B 27/08
C08K 3/22	14.08.2019	B32B 27/20
C08K 3/34	(11) EP2866822	B32B 27/30
C08K 5/00	(51) A61K 38/16	B29C 48/00
C08K 5/16	C12N 15/63	B29C 48/21
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B32B 15/06	A61K 31/40	
B32B 15/08	A61K 31/573	
B32B 15/082	A61K 47/12	
B32B 15/092	A61K 47/26	
B32B 15/095	(00) 28/19	
B32B 15/18	10.07.2019	
B32B 15/20	(11) EP3182582	
B32B 25/00	(51) H02S 50/15	
B32B 25/08	(11) EP3186395	
B32B 25/14	(51) A61K 38/17	
B32B 27/08	A61K 39/395	
B32B 27/20	C07K 16/30	
B32B 27/30	A61K 35/28	
B32B 27/38	C12Q 1/68	
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A61M 15/08	(51) A47J 31/44	
B05B 1/00	A47J 31/54	
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(51) C08F 4/659	(00) 31/20	
C08F 4/6592	31.07.2020	
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C08F 10/02	(51) G04B 13/02	
C08F 210/16	(11) EP3448990	
(11) EP2783689	(51) C12N 9/22	
(51) A61K 9/08	C12N 15/90	
A61K 31/7032	(00) 10/22	
	09.03.2022	

MED**Overige mededelingen.****Contains data concerning other communications.**

(11) 2016347	(51) A61K 9/06
(00) 15.02.2022	A61K 47/10
(51) F28D 9/00	A61K 47/32
F28D 21/00	A61K 47/38
F28F 3/04	A61K 31/496
F28F 21/06	A61P 25/18
(00) New licence registration	A61P 25/24
(11) 2022559	(11) EP3047223
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(51) G06F 21/55	(51) F28D 9/00
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(00) 16.02.2022	
(51) H01S 5/04	
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H01S 5/343	
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(51) C22C 37/04	
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C22C 37/06	
(11) EP2650168	
(51) B60N 2/42	
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(11) EP2694834	
(51) A61K 8/36	
A61K 8/44	
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A45D 7/06	
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A45D 2/00	
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(51) B65G 1/137	
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(51) A61F 2/06	
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(00) 16.02.2022	
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C07K 16/24	
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(11) EP2841054	

VRV

Verval of nietigverklaring.

Contains data concerning lapse or annulment.

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(11) EP1580240	(11) EP1656095	(11) EP1680045
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1608472	(11) EP1656423	(11) EP1680214
(00) 22.02.2022	(00) 01.09.2021	(00) 01.09.2021
(00) European Patent got Revoked	(00) EPV lapsed	(00) EPV lapsed
(11) EP1623627	(11) EP1658010	(11) EP1685347
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1623915	(11) EP1658123	(11) EP1711470
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1624616	(11) EP1658277	(11) EP1716686
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1625887	(11) EP1659981	(11) EP1718784
(00) 01.09.2021	(00) 01.09.2021	(00) 01.12.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP1626613	(11) EP1660100	(11) EP1723306
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1627746	(11) EP1660159	(11) EP1731759
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1627907	(11) EP1660414	(11) EP1735028
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021

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(11) EP1736296	(11) EP1776349	(11) EP1791568
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
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(11) EP1750069	(11) EP1778406	(11) EP1791941
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
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(11) EP1750070	(11) EP1778485	(11) EP1796646
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
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(11) EP1750192	(11) EP1778621	(11) EP1796775
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
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(11) EP1752212	(11) EP1779231	(11) EP1796835
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
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(11) EP1752548	(11) EP1779700	(11) EP1796897
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
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(11) EP1752549	(11) EP1779827	(11) EP1798758
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(11) EP1752605	(11) EP1781427	(11) EP1799960
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(11) EP1752718	(11) EP1784205	(11) EP1804901
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
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(11) EP1757673	(11) EP1784347	(11) EP1805010
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(11) EP1757981	(11) EP1784953	(11) EP1807150
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
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(11) EP1759766	(11) EP1785437	(11) EP1807244
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
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(11) EP1760137	(11) EP1786287	(11) EP1809204
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
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(11) EP1760230	(11) EP1786297	(11) EP1810130
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
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(11) EP1762567	(11) EP1787147	(11) EP1842577
(00) 04.04.2022	(00) 01.09.2021	(00) 01.09.2021
(00) Patent Expired	(00) EPV lapsed	(00) EPV lapsed
(11) EP1762668	(11) EP1788146	(11) EP1850016
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1763139	(11) EP1789233	(11) EP1852997
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1773689	(11) EP1789398	(11) EP1886090
(00) 01.09.2021	(00) 01.09.2021	(00) 01.12.2021
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(11) EP1773885	(11) EP1789708	(11) EP1886827
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1773908	(11) EP1789764	(11) EP1886834
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1775542	(11) EP1790690	(11) EP1887656
(00) 30.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) European Patent got Revoked	(00) EPV lapsed	(00) EPV lapsed
(11) EP1776220	(11) EP1790802	(11) EP1890282
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021

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(11) EP1890713	(11) EP1917028	(11) EP1923329
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
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(11) EP1892605	(11) EP1917375	(11) EP1923330
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
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(11) EP1892775	(11) EP1917381	(11) EP1923331
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
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(11) EP1892871	(11) EP1917655	(11) EP1923477
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
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(11) EP1895401	(11) EP1917666	(11) EP1924519
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
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(11) EP1895794	(11) EP1917756	(11) EP1925112
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
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(11) EP1897569	(11) EP1917842	(11) EP1926789
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(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
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(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
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(11) EP1901110	(11) EP1920030	(11) EP1930254
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
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(11) EP1902794	(11) EP1920123	(11) EP1931217
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
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(11) EP1902983	(11) EP1920308	(11) EP1932496
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(11) EP1912626	(11) EP1920526	(11) EP1934100
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
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(11) EP1913284	(11) EP1920558	(11) EP1937198
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
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(11) EP1913669	(11) EP1921975	(11) EP1937827
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
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(11) EP1914239	(11) EP1922143	(11) EP1940481
(00) 05.04.2022	(00) 01.09.2021	(00) 01.09.2021
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(11) EP1915171	(11) EP1922386	(11) EP1940743
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
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(11) EP1915397	(11) EP1922389	(11) EP1943302
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(11) EP1916101	(11) EP1922634	(11) EP1945958
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(11) EP1916987	(11) EP1923327	(11) EP1948133
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(11) EP1917026	(11) EP1923328	(11) EP1950956
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(11) EP1984036	(11) EP2054434	(11) EP2073896
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(00) 03.04.2022	(00) 01.09.2021	(00) 01.09.2021
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(11) EP2020795	(11) EP2054579	(11) EP2077769
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(11) EP2022802	(11) EP2054582	(11) EP2078653
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(11) EP2033635	(11) EP2056832	(11) EP2082742
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(11) EP2047192	(11) EP2058345	(11) EP2098872
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(11) EP2050446	(11) EP2059120	(11) EP2107538
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(11) EP2051606	(11) EP2064382	(11) EP2151428
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(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
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(11) EP2156949	(11) EP2179615	(11) EP2190409
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
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(11) EP2157717	(11) EP2180694	(11) EP2190989
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
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(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
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(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
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(11) EP2159138	(11) EP2181442	(11) EP2192893
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
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(11) EP2159989	(11) EP2183574	(11) EP2195360
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
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(11) EP2161696	(11) EP2183814	(11) EP2197753
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
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(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
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(11) EP2168618	(11) EP2184092	(11) EP2199000
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(00) 11.05.2021	(00) 01.09.2021	(00) 01.09.2021
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(11) EP2173710	(11) EP2185645	(11) EP2207347
(00) 01.09.2021	(00) 01.09.2021	(00) 03.04.2022
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(11) EP2176503	(11) EP2185839	(11) EP2208388
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
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(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
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(11) EP2178928	(11) EP2187545	(11) EP2212398
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021

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(11) EP2230605	(11) EP2287707	(11) EP2312961
(00) 01.12.2021	(00) 01.09.2021	(00) 01.09.2021
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(11) EP2233720	(11) EP2288049	(11) EP2313913
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
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(11) EP2234430	(11) EP2288115	(11) EP2313914
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2236621	(11) EP2288227	(11) EP2313999
(00) 22.11.2021	(00) 01.09.2021	(00) 01.09.2021
(00) European Patent got Revoked	(00) EPV lapsed	(00) EPV lapsed
(11) EP2237601	(11) EP2289371	(11) EP2314040
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2237603	(11) EP2290078	(11) EP2315703
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2243293	(11) EP2291049	(11) EP2315759
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2250800	(11) EP2292229	(11) EP2315794
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2251207	(11) EP2292520	(11) EP2315841
(00) 01.12.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2254950	(11) EP2295126	(11) EP2316198
(00) 01.09.2021	(00) 20.10.2021	(00) 01.09.2021
(00) EPV lapsed	(00) European Patent got Revoked	(00) EPV lapsed
(11) EP2262324	(11) EP2295667	(11) EP2317836
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2263733	(11) EP2295873	(11) EP2318059
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2271165	(11) EP2296011	(11) EP2318092
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2275808	(11) EP2298538	(11) EP2318222
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2276470	(11) EP2299349	(11) EP2318714
(00) 01.12.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2280065	(11) EP2299409	(11) EP2318899
(00) 03.04.2022	(00) 01.09.2021	(00) 01.09.2021
(00) Patent Expired	(00) EPV lapsed	(00) EPV lapsed
(11) EP2281533	(11) EP2302928	(11) EP2319925
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2282103	(11) EP2302940	(11) EP2321382
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2284382	(11) EP2306327	(11) EP2321437
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2286790	(11) EP2306389	(11) EP2321467
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2287068	(11) EP2308271	(11) EP2321590
(00) 01.09.2021	(00) 01.12.2021	(00) 01.09.2021

(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2322529	(11) EP2348780	(11) EP2402959
(00) 01.09.2021	(00) 01.09.2021	(00) 01.12.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2322608	(11) EP2352654	(11) EP2407486
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2323932	(11) EP2352655	(11) EP2416154
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2324118	(11) EP2353071	(11) EP2418087
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2324802	(11) EP2354903	(11) EP2418441
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2326708	(11) EP2357086	(11) EP2419037
(00) 01.09.2021	(00) 01.09.2021	(00) 01.12.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2326899	(11) EP2357868	(11) EP2420307
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2328155	(11) EP2361333	(11) EP2420460
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2328503	(11) EP2362423	(11) EP2420552
(00) 01.09.2021	(00) 05.04.2022	(00) 01.09.2021
(00) EPV lapsed	(00) Patent Expired	(00) EPV lapsed
(11) EP2328622	(11) EP2368096	(11) EP2420672
(00) 01.09.2021	(00) 01.12.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2331141	(11) EP2368531	(11) EP2420937
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2331160	(11) EP2371741	(11) EP2422890
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2331161	(11) EP2371855	(11) EP2423428
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2331726	(11) EP2373415	(11) EP2423431
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2332269	(11) EP2384754	(11) EP2423570
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2332848	(11) EP2394185	(11) EP2423572
(00) 01.09.2021	(00) 01.12.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2335118	(11) EP2394615	(11) EP2423652
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2337529	(11) EP2396470	(11) EP2425784
(00) 01.09.2021	(00) 01.12.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2343026	(11) EP2397381	(11) EP2426164
(00) 01.12.2021	(00) 21.12.2021	(00) 01.09.2021
(00) EPV Ceased Effect	(00) European Patent got Revoked	(00) EPV lapsed
(11) EP2344738	(11) EP2399579	(11) EP2426562
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2346545	(11) EP2399580	(11) EP2426950
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2347554	(11) EP2402710	(11) EP2428163
(00) 01.09.2021	(00) 01.09.2021	(00) 01.12.2021

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(11) EP2428264	(11) EP2467241	(11) EP2471983
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2428294	(11) EP2467407	(11) EP2472774
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2428470	(11) EP2467408	(11) EP2473045
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2431507	(11) EP2467409	(11) EP2473601
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2433724	(11) EP2467434	(11) EP2474003
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2442841	(11) EP2467507	(11) EP2474109
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
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(11) EP2444597	(11) EP2467564	(11) EP2474869
(00) 01.12.2021	(00) 01.09.2021	(00) 01.09.2021
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(11) EP2444821	(11) EP2467741	(11) EP2475015
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2452962	(11) EP2468048	(11) EP2480910
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2458620	(11) EP2469879	(11) EP2481210
(00) 01.12.2021	(00) 01.09.2021	(00) 01.09.2021
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(11) EP2461688	(11) EP2470131	(11) EP2484289
(00) 01.09.2021	(00) 01.09.2021	(00) 01.12.2021
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(11) EP2462154	(11) EP2470202	(11) EP2496032
(00) 01.09.2021	(00) 01.09.2021	(00) 01.12.2021
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(11) EP2462157	(11) EP2470378	(11) EP2496580
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
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(11) EP2462321	(11) EP2470554	(11) EP2497770
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2462731	(11) EP2470730	(11) EP2498626
(00) 01.09.2021	(00) 01.09.2021	(00) 18.01.2022
(00) EPV lapsed	(00) EPV lapsed	(00) European Patent got Revoked
(11) EP2462797	(11) EP2470738	(11) EP2503321
(00) 01.09.2021	(00) 01.09.2021	(00) 01.12.2021
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(11) EP2464251	(11) EP2470848	(11) EP2506294
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2464664	(11) EP2471115	(11) EP2508346
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
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(11) EP2464698	(11) EP2471235	(11) EP2509269
(00) 01.12.2021	(00) 01.09.2021	(00) 01.09.2021
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(11) EP2464716	(11) EP2471309	(11) EP2511369
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
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(11) EP2465244	(11) EP2471324	(11) EP2518764
(00) 01.09.2021	(00) 01.09.2021	(00) 01.12.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2465332	(11) EP2471786	(11) EP2530483
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021

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(11) EP2532859	(11) EP2566250	(11) EP2601464
(00) 01.12.2021	(00) 01.09.2021	(00) 01.09.2021
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(11) EP2536093	(11) EP2567044	(11) EP2602119
(00) 01.12.2021	(00) 01.12.2021	(00) 01.09.2021
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(11) EP2538145	(11) EP2568086	(11) EP2603112
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(11) EP2540309	(11) EP2568181	(11) EP2603182
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(11) EP2544559	(11) EP2568719	(11) EP2604055
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
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(11) EP2552499	(11) EP2569763	(11) EP2604072
(00) 01.12.2021	(00) 01.09.2021	(00) 01.09.2021
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(11) EP2555040	(11) EP2570527	(11) EP2604085
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
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(11) EP2555051	(11) EP2573592	(11) EP2605565
(00) 01.09.2021	(00) 01.12.2021	(00) 01.09.2021
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(11) EP2556975	(11) EP2574008	(11) EP2605808
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
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(11) EP2557057	(11) EP2577925	(11) EP2606423
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
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(11) EP2557085	(11) EP2581318	(11) EP2606587
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
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(11) EP2557252	(11) EP2584240	(11) EP2606615
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(11) EP2557825	(11) EP2587056	(11) EP2606954
(00) 01.09.2021	(00) 01.12.2021	(00) 01.09.2021
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(11) EP2559909	(11) EP2594203	(11) EP2607522
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
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(11) EP2561931	(11) EP2594279	(11) EP2608751
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
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(11) EP2562076	(11) EP2599887	(11) EP2608762
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(11) EP2562331	(11) EP2600779	(11) EP2608997
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
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(11) EP2562350	(11) EP2601115	(11) EP2609118
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
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(11) EP2562966	(11) EP2601214	(11) EP2609203
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
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(11) EP2564183	(11) EP2601291	(11) EP2609269
(00) 01.12.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2564861	(11) EP2601302	(11) EP2609367
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2565062	(11) EP2601355	(11) EP2609489
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021

(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2609691	(11) EP2630629	(11) EP2696013
(00) 01.09.2021	(00) 01.12.2021	(00) 01.09.2021
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(11) EP2609698	(11) EP2631931	(11) EP2696014
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
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(11) EP2609786	(11) EP2635843	(11) EP2696338
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2610023	(11) EP2637957	(11) EP2696388
(00) 01.09.2021	(00) 01.12.2021	(00) 01.09.2021
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(11) EP2611427	(11) EP2640732	(11) EP2696482
(00) 01.09.2021	(00) 01.12.2021	(00) 01.12.2021
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(11) EP2611457	(11) EP2642644	(11) EP2697439
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(11) EP2611599	(11) EP2652476	(11) EP2698139
(00) 01.09.2021	(00) 01.12.2021	(00) 01.09.2021
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(11) EP2612104	(11) EP2662233	(11) EP2698147
(00) 01.09.2021	(00) 01.12.2021	(00) 01.09.2021
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(11) EP2612248	(11) EP2664803	(11) EP2700356
(00) 01.09.2021	(00) 01.12.2021	(00) 01.09.2021
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(11) EP2612486	(11) EP2665105	(11) EP2700364
(00) 01.09.2021	(00) 01.12.2021	(00) 01.09.2021
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(11) EP2614044	(11) EP2665669	(11) EP2701053
(00) 01.09.2021	(00) 01.12.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2614460	(11) EP2666253	(11) EP2701057
(00) 01.09.2021	(00) 01.12.2021	(00) 01.09.2021
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(11) EP2614618	(11) EP2666625	(11) EP2701346
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2614694	(11) EP2669545	(11) EP2703244
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2616770	(11) EP2673460	(11) EP2703367
(00) 01.09.2021	(00) 01.12.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2619658	(11) EP2678645	(11) EP2703936
(00) 01.12.2021	(00) 01.12.2021	(00) 01.09.2021
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2622215	(11) EP2682387	(11) EP2703961
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2622716	(11) EP2688631	(11) EP2703970
(00) 01.12.2021	(00) 01.12.2021	(00) 01.09.2021
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2624102	(11) EP2690232	(11) EP2705289
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2625499	(11) EP2690632	(11) EP2706446
(00) 01.12.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2626715	(11) EP2693730	(11) EP2708239
(00) 01.12.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2627943	(11) EP2695687	(11) EP2710776
(00) 01.12.2021	(00) 01.09.2021	(00) 01.09.2021

(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2710954	(11) EP2737607	(11) EP2745390
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2712599	(11) EP2739250	(11) EP2745499
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2712666	(11) EP2739626	(11) EP2747335
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2713199	(11) EP2739649	(11) EP2747477
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2713636	(11) EP2740049	(11) EP2747919
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2714034	(11) EP2741566	(11) EP2747920
(00) 01.09.2021	(00) 01.12.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2714596	(11) EP2741925	(11) EP2748091
(00) 01.12.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2716854	(11) EP2742068	(11) EP2748165
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2717988	(11) EP2742085	(11) EP2748556
(00) 01.12.2021	(00) 01.12.2021	(00) 01.09.2021
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2718710	(11) EP2742100	(11) EP2748557
(00) 01.12.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2719335	(11) EP2742125	(11) EP2748605
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2722319	(11) EP2742356	(11) EP2748620
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2722334	(11) EP2743939	(11) EP2748680
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2722850	(11) EP2744008	(11) EP2748968
(00) 01.09.2021	(00) 01.12.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2725152	(11) EP2744122	(11) EP2749409
(00) 01.12.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2725727	(11) EP2744223	(11) EP2749664
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2727220	(11) EP2744499	(11) EP2750370
(00) 01.12.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2728313	(11) EP2744591	(11) EP2750604
(00) 01.12.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2728840	(11) EP2744911	(11) EP2750823
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2728961	(11) EP2744913	(11) EP2751056
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2730304	(11) EP2745062	(11) EP2751071
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2733678	(11) EP2745075	(11) EP2751162
(00) 01.12.2021	(00) 01.09.2021	(00) 01.09.2021

(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2751178	(11) EP2765870	(11) EP2786993
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2751201	(11) EP2768157	(11) EP2786994
(00) 01.09.2021	(00) 01.12.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2751233	(11) EP2769104	(11) EP2787527
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2751382	(11) EP2769247	(11) EP2792515
(00) 01.09.2021	(00) 01.12.2021	(00) 01.12.2021
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2751398	(11) EP2769250	(11) EP2796937
(00) 01.09.2021	(00) 01.12.2021	(00) 01.12.2021
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2751458	(11) EP2769259	(11) EP2799707
(00) 01.12.2021	(00) 01.12.2021	(00) 01.12.2021
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2751666	(11) EP2769410	(11) EP2800681
(00) 01.09.2021	(00) 01.12.2021	(00) 01.12.2021
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2751924	(11) EP2770212	(11) EP2801576
(00) 01.09.2021	(00) 01.12.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2752178	(11) EP2770299	(11) EP2805910
(00) 01.09.2021	(00) 01.12.2021	(00) 01.12.2021
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2753157	(11) EP2771885	(11) EP2808103
(00) 01.12.2021	(00) 01.12.2021	(00) 01.09.2021
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2753204	(11) EP2772859	(11) EP2808321
(00) 01.09.2021	(00) 01.12.2021	(00) 01.12.2021
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2753308	(11) EP2774264	(11) EP2810975
(00) 01.12.2021	(00) 01.12.2021	(00) 01.09.2021
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2754682	(11) EP2774964	(11) EP2811112
(00) 01.09.2021	(00) 01.12.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2755635	(11) EP2776704	(11) EP2814300
(00) 01.09.2021	(00) 01.09.2021	(00) 01.12.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2756629	(11) EP2778896	(11) EP2821439
(00) 01.09.2021	(00) 01.12.2021	(00) 01.12.2021
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2756811	(11) EP2783126	(11) EP2822525
(00) 01.12.2021	(00) 01.09.2021	(00) 01.12.2021
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2757102	(11) EP2783237	(11) EP2825142
(00) 01.09.2021	(00) 01.12.2021	(00) 01.12.2021
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2757351	(11) EP2783474	(11) EP2827241
(00) 01.12.2021	(00) 01.09.2021	(00) 01.12.2021
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2758535	(11) EP2783783	(11) EP2828707
(00) 22.02.2022	(00) 01.12.2021	(00) 01.12.2021
(00) European Patent got Revoked	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2760907	(11) EP2784840	(11) EP2831468
(00) 01.09.2021	(00) 01.12.2021	(00) 01.12.2021
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2763750	(11) EP2786729	(11) EP2833196
(00) 01.12.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2763818	(11) EP2786992	(11) EP2833613
(00) 01.12.2021	(00) 01.09.2021	(00) 01.12.2021

(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2834931	(11) EP2851623	(11) EP2875496
(00) 01.12.2021	(00) 01.09.2021	(00) 01.12.2021
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2835060	(11) EP2853263	(11) EP2879806
(00) 01.09.2021	(00) 01.12.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2835477	(11) EP2854108	(11) EP2879893
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2835623	(11) EP2855371	(11) EP2879980
(00) 01.09.2021	(00) 01.12.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2838098	(11) EP2856694	(11) EP2880041
(00) 01.09.2021	(00) 01.12.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2838295	(11) EP2857115	(11) EP2880080
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2839739	(11) EP2857505	(11) EP2880160
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2839740	(11) EP2857844	(11) EP2880802
(00) 01.09.2021	(00) 01.12.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2840015	(11) EP2858282	(11) EP2880922
(00) 01.09.2021	(00) 01.12.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2840189	(11) EP2860690	(11) EP2882284
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2840190	(11) EP2862024	(11) EP2882358
(00) 01.09.2021	(00) 01.12.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2840202	(11) EP2862658	(11) EP2882538
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2840967	(11) EP2863032	(11) EP2882681
(00) 01.12.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2842157	(11) EP2863394	(11) EP2882825
(00) 01.12.2021	(00) 01.12.2021	(00) 01.09.2021
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2842610	(11) EP2866220	(11) EP2882932
(00) 01.09.2021	(00) 01.12.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2843535	(11) EP2866722	(11) EP2882933
(00) 01.09.2021	(00) 01.12.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2843954	(11) EP2867879	(11) EP2882938
(00) 01.09.2021	(00) 01.12.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2845564	(11) EP2868510	(11) EP2883205
(00) 01.09.2021	(00) 01.12.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2845820	(11) EP2870183	(11) EP2884266
(00) 01.09.2021	(00) 01.12.2021	(00) 01.12.2021
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2845964	(11) EP2871739	(11) EP2884853
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2846239	(11) EP2872354	(11) EP2885246
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2848117	(11) EP2873787	(11) EP2885296
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021

(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2885303	(11) EP2891106	(11) EP2909951
(00) 01.09.2021	(00) 01.09.2021	(00) 01.12.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2885474	(11) EP2891120	(11) EP2911713
(00) 01.09.2021	(00) 01.09.2021	(00) 01.12.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2885608	(11) EP2891346	(11) EP2912431
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2887798	(11) EP2891531	(11) EP2913177
(00) 01.09.2021	(00) 01.09.2021	(00) 01.12.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2887974	(11) EP2891663	(11) EP2914169
(00) 01.09.2021	(00) 01.09.2021	(00) 01.12.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2888042	(11) EP2891804	(11) EP2915386
(00) 01.09.2021	(00) 01.12.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2888119	(11) EP2892079	(11) EP2917847
(00) 01.09.2021	(00) 01.12.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2888198	(11) EP2892370	(11) EP2919204
(00) 01.09.2021	(00) 01.09.2021	(00) 01.12.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2888228	(11) EP2892394	(11) EP2926122
(00) 01.09.2021	(00) 01.09.2021	(00) 01.12.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2888255	(11) EP2893160	(11) EP2928153
(00) 01.09.2021	(00) 01.09.2021	(00) 01.12.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2888320	(11) EP2893274	(11) EP2930137
(00) 01.09.2021	(00) 01.09.2021	(00) 01.12.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2888323	(11) EP2893578	(11) EP2935846
(00) 01.09.2021	(00) 01.12.2021	(00) 01.12.2021
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2888342	(11) EP2893599	(11) EP2936233
(00) 01.09.2021	(00) 01.12.2021	(00) 01.12.2021
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2888359	(11) EP2895320	(11) EP2944807
(00) 01.09.2021	(00) 01.12.2021	(00) 01.12.2021
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2888711	(11) EP2895398	(11) EP2945858
(00) 01.09.2021	(00) 01.09.2021	(00) 01.12.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2888888	(11) EP2895399	(11) EP2950209
(00) 01.09.2021	(00) 01.09.2021	(00) 01.12.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2889107	(11) EP2895400	(11) EP2952624
(00) 01.12.2021	(00) 01.09.2021	(00) 01.12.2021
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2889365	(11) EP2897928	(11) EP2955767
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2890322	(11) EP2900767	(11) EP2957092
(00) 01.09.2021	(00) 01.12.2021	(00) 01.12.2021
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2890702	(11) EP2909015	(11) EP2957205
(00) 01.09.2021	(00) 01.12.2021	(00) 01.12.2021
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2890779	(11) EP2909806	(11) EP2957304
(00) 01.09.2021	(00) 01.12.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2890830	(11) EP2909880	(11) EP2958236
(00) 01.09.2021	(00) 01.12.2021	(00) 01.12.2021

(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2959238	(11) EP2987425	(11) EP2995319
(00) 01.12.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2960479	(11) EP2987460	(11) EP2996599
(00) 01.12.2021	(00) 01.09.2021	(00) 01.12.2021
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2962853	(11) EP2987624	(11) EP2997043
(00) 01.09.2021	(00) 01.09.2021	(00) 01.12.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2967889	(11) EP2987920	(11) EP2998834
(00) 01.12.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2967906	(11) EP2988086	(11) EP2998873
(00) 01.12.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2971339	(11) EP2988476	(11) EP3000781
(00) 01.12.2021	(00) 01.09.2021	(00) 01.12.2021
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2972113	(11) EP2988955	(11) EP3002227
(00) 01.12.2021	(00) 01.12.2021	(00) 01.09.2021
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2972124	(11) EP2989364	(11) EP3002640
(00) 01.12.2021	(00) 01.12.2021	(00) 01.12.2021
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2972720	(11) EP2989371	(11) EP3002734
(00) 01.12.2021	(00) 01.12.2021	(00) 01.12.2021
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2972786	(11) EP2989989	(11) EP3006742
(00) 01.12.2021	(00) 01.09.2021	(00) 01.12.2021
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2976004	(11) EP2990146	(11) EP3006963
(00) 01.12.2021	(00) 01.12.2021	(00) 01.12.2021
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2978064	(11) EP2990183	(11) EP3007349
(00) 01.12.2021	(00) 01.09.2021	(00) 01.12.2021
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2980020	(11) EP2990202	(11) EP3009814
(00) 01.12.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2982135	(11) EP2990827	(11) EP3010321
(00) 01.12.2021	(00) 01.09.2021	(00) 01.12.2021
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2982303	(11) EP2991096	(11) EP3011587
(00) 01.09.2021	(00) 01.09.2021	(00) 01.12.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2982646	(11) EP2991097	(11) EP3011923
(00) 01.12.2021	(00) 01.09.2021	(00) 01.12.2021
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2982785	(11) EP2991327	(11) EP3014747
(00) 01.09.2021	(00) 01.09.2021	(00) 01.12.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2984749	(11) EP2992275	(11) EP3015207
(00) 01.12.2021	(00) 01.12.2021	(00) 01.12.2021
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2984989	(11) EP2993118	(11) EP3015490
(00) 01.09.2021	(00) 01.09.2021	(00) 01.12.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2985318	(11) EP2993391	(11) EP3017754
(00) 01.09.2021	(00) 01.09.2021	(00) 01.12.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2985675	(11) EP2993662	(11) EP3017757
(00) 01.09.2021	(00) 01.09.2021	(00) 01.12.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2985679	(11) EP2994716	(11) EP3017936
(00) 01.12.2021	(00) 01.12.2021	(00) 01.12.2021

(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3017972	(11) EP3032948	(11) EP3040153
(00) 01.12.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP3017984	(11) EP3033202	(11) EP3040835
(00) 01.12.2021	(00) 01.09.2021	(00) 01.12.2021
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3019694	(11) EP3033219	(11) EP3041674
(00) 01.12.2021	(00) 01.12.2021	(00) 01.09.2021
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP3021161	(11) EP3033300	(11) EP3041713
(00) 01.09.2021	(00) 01.09.2021	(00) 01.12.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3023754	(11) EP3033331	(11) EP3042132
(00) 01.12.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP3024712	(11) EP3034808	(11) EP3042384
(00) 01.09.2021	(00) 01.12.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP3025281	(11) EP3035118	(11) EP3043513
(00) 01.12.2021	(00) 01.12.2021	(00) 01.12.2021
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3027042	(11) EP3036060	(11) EP3044140
(00) 01.09.2021	(00) 01.12.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP3027139	(11) EP3036183	(11) EP3044153
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3028128	(11) EP3036188	(11) EP3044464
(00) 01.12.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP3029738	(11) EP3036249	(11) EP3045659
(00) 01.09.2021	(00) 01.09.2021	(00) 01.12.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3030163	(11) EP3036294	(11) EP3045728
(00) 01.09.2021	(00) 01.09.2021	(00) 01.12.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3030171	(11) EP3036945	(11) EP3046985
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3030183	(11) EP3037596	(11) EP3047362
(00) 01.09.2021	(00) 01.12.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP3030373	(11) EP3038589	(11) EP3048272
(00) 01.09.2021	(00) 01.09.2021	(00) 01.12.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3030457	(11) EP3038851	(11) EP3048395
(00) 01.09.2021	(00) 01.09.2021	(00) 01.12.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3030686	(11) EP3038952	(11) EP3049535
(00) 01.12.2021	(00) 01.09.2021	(00) 01.12.2021
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3030892	(11) EP3039072	(11) EP3049655
(00) 01.12.2021	(00) 01.09.2021	(00) 01.12.2021
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3031228	(11) EP3039297	(11) EP3049756
(00) 01.09.2021	(00) 01.09.2021	(00) 01.12.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3031635	(11) EP3039376	(11) EP3051211
(00) 01.09.2021	(00) 01.09.2021	(00) 01.12.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3031965	(11) EP3039495	(11) EP3052163
(00) 01.12.2021	(00) 01.09.2021	(00) 01.12.2021
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3032713	(11) EP3039563	(11) EP3052188
(00) 01.12.2021	(00) 01.12.2021	(00) 01.12.2021

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(11) EP3052341	(11) EP3065520	(11) EP3095686
(00) 01.12.2021	(00) 01.12.2021	(00) 01.09.2021
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(11) EP3052548	(11) EP3066116	(11) EP3096337
(00) 01.12.2021	(00) 01.12.2021	(00) 01.12.2021
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3052551	(11) EP3066649	(11) EP3097550
(00) 01.12.2021	(00) 01.12.2021	(00) 01.12.2021
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(11) EP3052926	(11) EP3067205	(11) EP3098168
(00) 01.12.2021	(00) 01.09.2021	(00) 01.12.2021
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3053533	(11) EP3067541	(11) EP3099254
(00) 01.12.2021	(00) 01.12.2021	(00) 01.12.2021
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3054490	(11) EP3067718	(11) EP3100926
(00) 01.09.2021	(00) 01.12.2021	(00) 01.12.2021
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3054527	(11) EP3068260	(11) EP3101631
(00) 01.09.2021	(00) 01.12.2021	(00) 01.12.2021
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(11) EP3054877	(11) EP3071619	(11) EP3101695
(00) 01.12.2021	(00) 01.12.2021	(00) 01.12.2021
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(11) EP3055663	(11) EP3071796	(11) EP3104111
(00) 01.12.2021	(00) 01.12.2021	(00) 01.09.2021
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP3056271	(11) EP3077562	(11) EP3104145
(00) 01.12.2021	(00) 15.10.2021	(00) 01.12.2021
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(11) EP3056592	(11) EP3077664	(11) EP3104816
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(11) EP3057373	(11) EP3080612	(11) EP3106781
(00) 01.12.2021	(00) 01.12.2021	(00) 01.12.2021
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(11) EP3057765	(11) EP3080679	(11) EP3107786
(00) 01.12.2021	(00) 01.12.2021	(00) 01.12.2021
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(11) EP3058142	(11) EP3082271	(11) EP3108021
(00) 01.12.2021	(00) 01.12.2021	(00) 01.12.2021
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(11) EP3058411	(11) EP3083265	(11) EP3109434
(00) 01.12.2021	(00) 01.12.2021	(00) 01.12.2021
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(11) EP3059121	(11) EP3084660	(11) EP3110407
(00) 01.12.2021	(00) 01.12.2021	(00) 01.12.2021
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(11) EP3060110	(11) EP3085549	(11) EP3111229
(00) 01.12.2021	(00) 01.12.2021	(00) 01.12.2021
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3062742	(11) EP3086037	(11) EP3113092
(00) 01.12.2021	(00) 01.12.2021	(00) 01.12.2021
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(11) EP3063428	(11) EP3086587	(11) EP3115328
(00) 01.09.2021	(00) 01.12.2021	(00) 01.12.2021
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(11) EP3063657	(11) EP3087279	(11) EP3117288
(00) 01.12.2021	(00) 01.12.2021	(00) 01.12.2021
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(11) EP3064027	(11) EP3090641	(11) EP3117341
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(11) EP3064948	(11) EP3093053	(11) EP3117505
(00) 01.12.2021	(00) 01.12.2021	(00) 01.12.2021

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(11) EP3118421	(11) EP3135596	(11) EP3147464
(00) 01.12.2021	(00) 01.09.2021	(00) 01.09.2021
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(11) EP3119168	(11) EP3135616	(11) EP3150712
(00) 01.12.2021	(00) 01.09.2021	(00) 01.12.2021
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(11) EP3120466	(11) EP3135774	(11) EP3151500
(00) 01.12.2021	(00) 01.09.2021	(00) 01.09.2021
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(11) EP3123602	(11) EP3136016	(11) EP3151944
(00) 01.12.2021	(00) 01.09.2021	(00) 01.12.2021
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(11) EP3123699	(11) EP3136096	(11) EP3153627
(00) 01.12.2021	(00) 01.12.2021	(00) 01.12.2021
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(11) EP3124183	(11) EP3136116	(11) EP3153849
(00) 01.12.2021	(00) 01.12.2021	(00) 01.12.2021
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(11) EP3125440	(11) EP3136731	(11) EP3153880
(00) 01.12.2021	(00) 01.12.2021	(00) 01.12.2021
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(11) EP3125499	(11) EP3137301	(11) EP3153962
(00) 01.09.2021	(00) 01.12.2021	(00) 01.12.2021
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(11) EP3126909	(11) EP3138386	(11) EP3154382
(00) 01.12.2021	(00) 01.12.2021	(00) 01.12.2021
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(11) EP3127295	(11) EP3138533	(11) EP3155328
(00) 01.12.2021	(00) 01.12.2021	(00) 01.12.2021
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(11) EP3128079	(11) EP3138867	(11) EP3157988
(00) 01.09.2021	(00) 01.09.2021	(00) 01.12.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3128673	(11) EP3139251	(11) EP3158595
(00) 01.09.2021	(00) 01.09.2021	(00) 01.12.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
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(00) 01.09.2021	(00) 01.12.2021	(00) 01.12.2021
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3130644	(11) EP3141293	(11) EP3160334
(00) 01.09.2021	(00) 01.12.2021	(00) 01.12.2021
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(11) EP3130645	(11) EP3142287	(11) EP3161619
(00) 01.09.2021	(00) 01.12.2021	(00) 01.12.2021
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3131155	(11) EP3143935	(11) EP3162519
(00) 01.12.2021	(00) 01.09.2021	(00) 01.12.2021
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3131248	(11) EP3143941	(11) EP3163103
(00) 01.12.2021	(00) 01.12.2021	(00) 01.09.2021
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(11) EP3132674	(11) EP3145160	(11) EP3163265
(00) 01.09.2021	(00) 01.09.2021	(00) 01.12.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3132921	(11) EP3145527	(11) EP3163677
(00) 01.09.2021	(00) 01.12.2021	(00) 01.12.2021
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(11) EP3134469	(11) EP3146544	(11) EP3164056
(00) 01.12.2021	(00) 01.12.2021	(00) 01.12.2021
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(11) EP3134721	(11) EP3146680	(11) EP3166218
(00) 01.12.2021	(00) 01.12.2021	(00) 01.12.2021
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3135265	(11) EP3147337	(11) EP3167389
(00) 01.09.2021	(00) 01.12.2021	(00) 01.12.2021

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(11) EP3168341	(11) EP3180908	(11) EP3186582
(00) 01.12.2021	(00) 01.12.2021	(00) 01.09.2021
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP3168604	(11) EP3180935	(11) EP3186686
(00) 01.12.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP3172163	(11) EP3181185	(11) EP3187455
(00) 01.12.2021	(00) 01.12.2021	(00) 01.12.2021
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3172952	(11) EP3182860	(11) EP3188827
(00) 01.12.2021	(00) 01.12.2021	(00) 01.09.2021
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP3174795	(11) EP3183047	(11) EP3189093
(00) 01.12.2021	(00) 01.12.2021	(00) 01.09.2021
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP3175076	(11) EP3183152	(11) EP3189310
(00) 01.09.2021	(00) 01.12.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP3175086	(11) EP3183171	(11) EP3189415
(00) 01.12.2021	(00) 01.09.2021	(00) 01.12.2021
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3175941	(11) EP3183214	(11) EP3189693
(00) 01.12.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP3176311	(11) EP3183415	(11) EP3189707
(00) 01.12.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP3177167	(11) EP3183842	(11) EP3190156
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3177703	(11) EP3183912	(11) EP3190200
(00) 01.09.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3177843	(11) EP3183935	(11) EP3191299
(00) 01.12.2021	(00) 01.09.2021	(00) 01.09.2021
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(11) EP3178109	(11) EP3184085	(11) EP3191737
(00) 01.12.2021	(00) 01.09.2021	(00) 01.09.2021
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP3178923	(11) EP3184519	(11) EP3192644
(00) 01.12.2021	(00) 01.09.2021	(00) 01.09.2021
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(11) EP3180577	(11) EP3185704	(11) EP3194104
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(11) EP3204842	(11) EP3212556	(11) EP3233824
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(11) EP3717796	(11) EP3727747	(11) EP3737252
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(00) 01.12.2021	(00) 01.12.2021	(00) 01.12.2021
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(11) EP3720753	(11) EP3728167	(11) EP3737931
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(11) EP3723468	(11) EP3733033	(11) EP3743688
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(11) EP3724359	(11) EP3733144	(11) EP3744042
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(11) EP3744540	(11) EP3761835	(11) EP3796404
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(11) EP3745360	(11) EP3764464	(11) EP3797136
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(11) EP3746784	(11) EP3771756	(11) EP3800464
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(11) EP3752730	(11) EP3775680	(11) EP3812604
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(11) EP3754055	(11) EP3778054	(11) EP3813238
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(11) EP3754894	(11) EP3779341	(11) EP3815980
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(11) EP3755582	(11) EP3786833	(11) EP3816169
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(11) EP3757412	(11) EP3789227	(11) EP3816612
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(11) EP3758291	(11) EP3789965	(11) EP3817420
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(11) EP3759789	(11) EP3792032	(11) EP3818575
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(11) EP3760262	(11) EP3792182	(11) EP3823098
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VRB**Verbeteringen op eerdere publicaties.
Contains data concerning corrections.**

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(48) 13.04.2022
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Ingeschreven overdrachten.

Contains data concerning registered assignments or change of owners.

(71) AMO Groningen B.V.	(00) Merge	(51) A61M 5/315
(73) AMO Groningen B.V.	(71) DOM SECURITY	(00) Merge
(11) 2006921	(73) DOM SECURITY	(71) WeBeHome AB
(00) 17.02.2022	(11) EP2003272	(73) Jørn Krab Holding KBH ApS
(51) B29C 33/30	(00) 17.02.2022	(11) EP2369120
B29C 45/00	(51) E05B 19/06	(00) 14.02.2022
B29C 45/57	E05B 29/10	(51) E06B 9/308
B29D 11/00	E05B 31/00	E06B 9/322
(00) Merge	(00) Change of owner(s) name	(00) Assignment
(71) Plotwise IP B.V.	(71) Storz & Bickel GmbH	(71) Sennheiser Consumer Audio GmbH
(73) Plotwise IP B.V.	(73) Storz & Bickel GmbH	(73) Sennheiser Consumer Audio GmbH
(11) 2008643	(11) EP1884254	(11) EP2339866
(00) 14.02.2022	(00) 04.04.2022	(00) 14.02.2022
(51) G06F 21/00	(51) A61M 15/00	(51) H04R 1/10
G06Q 10/10	A61M 16/00	(00) Assignment
(00) Assignment	A61M 16/20	(71) ABC IP Holding GmbH
(71) Plotwise Holding B.V.	A61M 39/26	(73) ABC IP Holding GmbH
(73) Plotwise IP B.V.	(00) Assignment	(11) EP2651754
(11) 2008643	(71) Jørn Krab Holding KBH ApS	(00) 18.02.2022
(00) 14.02.2022	(73) Jørn Krab Holding KBH ApS	(51) B63B 9/00
(51) G06F 21/00	(11) EP2369120	E04G 23/00
G06Q 10/10	(00) 14.02.2022	(00) Assignment
(00) Change of owner(s) name	(51) E06B 9/308	(71) MiTAC Information Technology Corporation
(71) AMO Groningen B.V.	E06B 9/322	(73) MiTAC Information Technology Corporation
(73) AMO Groningen B.V.	(00) Assignment	(11) EP2323075
(11) 2009432	(71) Antibe Amalco Inc.	(00) 15.02.2022
(00) 17.02.2022	(73) Antibe Therapeutics Inc.	(51) G06K 19/077
(51) B29D 11/00	(11) EP2057139	H01Q 1/22
(00) Merge	(00) 16.02.2022	H04Q 5/00
(71) AMO Groningen B.V.	(51) A61K 31/385	(00) Assignment
(73) AMO Groningen B.V.	A61P 29/00	(71) Wimaoy Oy
(11) 2009433	C07C 219/14	(73) Wimaoy Oy
(00) 17.02.2022	C07C 327/48	(11) EP2555913
(51) B29D 11/00	C07D 209/18	(00) 16.02.2022
(00) Merge	C07D 209/32	(51) B29C 47/88
(71) AMO Groningen B.V.	C07D 309/30	B29C 51/02
(73) AMO Groningen B.V.	C07D 339/04	B29C 70/06
(11) 2009435	C07D 409/12	(00) Assignment
(00) 17.02.2022	(00) Merge	(71) SALINS DU MIDI PARTICIPATIONS S.A.S
(51) B29D 11/00	(71) Troy Technology II, Inc.	(73) SALINS DU MIDI PARTICIPATIONS S.A.S
(00) Merge	(73) Troy Technology II, Inc.	(11) EP2429316
(71) AMO Groningen B.V.	(11) EP2035398	(00) 15.02.2022
(73) AMO Groningen B.V.	(00) 21.02.2022	(51) A23L 27/40
(11) 2010675	(51) C07D 275/04	A23L 33/10
(00) 17.02.2022	(00) Merge	(00) Assignment
(51) A61F 2/16	(71) Viridor Energy Limited	(71) Nouryon Chemicals International B.V.
(00) Merge	(73) Viridor Energy Limited	(73) SALINS DU MIDI PARTICIPATIONS S.A.S
(71) Antibe Therapeutics Inc.	(11) EP2457982	(11) EP2429316
(73) Antibe Therapeutics Inc.	(00) 15.02.2022	(00) 15.02.2022
(11) EP2057139	(51) C10L 3/10	(51) A23L 27/40
(00) 16.02.2022	(00) Assignment	A23L 33/10
(51) A61K 31/385	(71) Sulzer Mixpac AG	(00) Change of owner(s) name
A61P 29/00	(73) Sulzer Mixpac AG	(71) Nouryon Chemicals B.V.
C07C 219/14	(11) EP2150299	(73) SALINS DU MIDI PARTICIPATIONS S.A.S
C07C 327/48	(00) 15.02.2022	(11) EP2429316
C07D 209/18	(51) A61M 5/315	(00) 15.02.2022
C07D 209/32	(00) Merge	(51) A23L 27/40
C07D 309/30	(71) Sulzer Mixpac AG	A23L 33/10
C07D 339/04	(73) Sulzer Mixpac AG	(00) Change of owner(s) name
C07D 409/12	(11) EP2174682	(71) Nouryon Chemicals B.V.
	(00) 15.02.2022	(73) SALINS DU MIDI PARTICIPATIONS S.A.S
		(11) EP2429316

(00) 15.02.2022	(00) Assignment	H04W 72/12
(51) A23L 27/40	(71) UV Smart Technologies B.V.	H04W 84/12
A23L 33/10	(73) UV Smart Technologies B.V.	H04B 7/0452
(00) Assignment	(11) 2022362	(00) Assignment
(71) Bayer CropScience Aktiengesellschaft	(00) 16.02.2022	(71) SOLiD, Inc.
(73) Bayer CropScience Aktiengesellschaft	(51) A61L 2/10	(73) SOLiD, Inc.
(11) EP2627183	A61L 2/24	(11) EP3278619
(00) 14.02.2022	(00) Assignment	(00) 17.02.2022
(51) A01P 13/02	(71) AMO Groningen B.V.	(51) H04W 74/06
A01N 25/00	(73) AMO Groningen B.V.	H04W 72/12
(00) Assignment	(11) EP3027398	H04W 84/12
(71) NEW SAIL S.R.L.	(00) 17.02.2022	H04W 88/08
(73) NEW SAIL S.R.L.	(51) B29C 45/26	H04W 88/02
(11) EP3040305	B29D 11/00	H04L 5/00
(00) 16.02.2022	B29D 11/02	H04L 1/00
(51) B66D 1/38	B29L 11/00	H04L 1/16
B66D 1/50	(00) Merge	(00) Assignment
(00) Assignment	(71) AMO Groningen B.V.	(71) Sidekick USA, LLC
(71) NEW SAIL S.R.L.	(73) AMO Groningen B.V.	(73) Sidekick USA, LLC
(73) NEW SAIL S.R.L.	(11) EP2892710	(11) EP2806723
(11) EP3040262	(00) 17.02.2022	(00) 14.02.2022
(00) 16.02.2022	(51) B29D 11/00	(51) A01G 20/18
(51) B63H 25/02	(00) Merge	(00) Assignment
B63H 25/06	(71) Itho Daalderop Operations B.V.	(71) Japham Group Limited
B63H 25/38	(73) Itho Daalderop Operations B.V.	(73) Japham Group Limited
G05B 11/00	(11) EP3045594	(11) EP3697254
G05B 13/00	(00) 15.02.2022	(00) 15.02.2022
G05D 1/02	(51) E03C 1/02	(51) A45D 2/44
(00) Assignment	E03C 1/044	(00) Assignment
(71) AMO Groningen B.V.	(00) Assignment	(71) SOLiD, Inc.
(73) AMO Groningen B.V.	(71) Georgia Tech Research Corporation	(73) SOLiD, Inc.
(11) EP2892712	AIR LIQUIDE ADVANCED	(11) EP3373501
(00) 17.02.2022	TECHNOLOGIES U.S., LLC	(00) 17.02.2022
(51) B29D 11/00	(73) Georgia Tech Research Corporation	(51) H04L 5/00
(00) Merge	AIR LIQUIDE ADVANCED	(00) Assignment
(71) NEW SAIL S.R.L.	TECHNOLOGIES U.S., LLC	(71) UV Smart Technologies B.V.
(73) NEW SAIL S.R.L.	(11) EP2794067	(73) UV Smart Technologies B.V.
(11) EP3069986	(00) 15.02.2022	(11) 2022363
(00) 16.02.2022	(51) B01D 53/22	(00) 16.02.2022
(51) B63H 9/08	B01D 67/00	(51) A61L 2/10
(00) Assignment	B01D 69/08	(00) Assignment
(71) Jørn Krab Holding KBH ApS	B01D 71/02	(71) UV Smart Technologies B.V.
(73) Jørn Krab Holding KBH ApS	B01D 71/06	(73) UV Smart Technologies B.V.
(11) EP3129575	B05D 3/02	(11) 2022365
(00) 14.02.2022	(00) Assignment	(00) 16.02.2022
(51) E06B 9/303	(71) SOLiD, Inc.	(51) A61L 2/10
E06B 9/308	(73) SOLiD, Inc.	A61L 2/24
E06B 9/382	(11) EP3113544	A61L 2/28
(00) Assignment	(00) 17.02.2022	G01J 1/42
(71) AMO Groningen B.V.	(51) H04W 48/16	(00) Assignment
(73) AMO Groningen B.V.	(00) Assignment	(71) COGNITIVE IC B.V.
(11) EP2718092	(71) WeBeHome AB	(73) COGNITIVE IC B.V.
(00) 17.02.2022	(73) Jørn Krab Holding KBH ApS	(11) 2022559
(51) A61F 2/16	(11) EP3129575	(00) 15.02.2022
B29C 33/30	(00) 14.02.2022	(51) G06F 21/55
B29C 33/40	(51) E06B 9/303	H04L 29/06
B29C 45/00	E06B 9/308	(00) Assignment
B29C 45/57	E06B 9/382	(71) SOLiD, Inc.
B29D 11/00	(00) Assignment	(73) SOLiD, Inc.
B29L 11/00	(71) SOLiD, Inc.	(11) EP3072324
G02B 1/04	(73) SOLiD, Inc.	(00) 17.02.2022
(00) Merge	(11) EP3170354	(51) H04L 5/00
(71) UV Smart Technologies B.V.	(00) 17.02.2022	H04W 84/12
(73) UV Smart Technologies B.V.	(51) H04L 1/16	(00) Assignment
(11) 2022364	H04L 1/18	(71) Stimwave Technologies Incorporated
(00) 16.02.2022	H04L 5/00	(73) Stimwave Technologies Incorporated
(51) A61L 2/10	H04W 72/04	(11) EP2694154

(00) 15.02.2022	(11) EP3319459
(51) A61N 1/00	(00) 15.02.2022
A61N 1/05	(51) A23L 27/00
A61N 1/36	A23L 27/10
A61N 1/372	A23L 27/40
A61N 1/378	A23L 29/294
(00) Assignment	A23P 10/20
(71) SOLiD, Inc.	A23P 10/25
(73) SOLiD, Inc.	A23P 10/28
(11) EP2939198	(00) Assignment
(00) 17.02.2022	(71) Lactalis Leerdammer B.V.
(51) H04W 24/08	(73) Lactalis Leerdammer B.V.
H04W 48/16	(11) EP3324746
H04W 88/08	(00) 15.02.2022
(00) Assignment	(51) A23C 19/064
(71) SOLiD, Inc.	A23C 19/068
(73) SOLiD, Inc.	A23C 19/14
(11) EP2995132	A23C 19/16
(00) 17.02.2022	(00) Change of owner(s) name
(51) H04W 8/00	(71) Oregon Precision Industries, Inc. dba
H04W 48/16	PakTech
H04W 72/12	(73) Oregon Precision Industries, Inc. dba
(00) Assignment	PakTech
(71) SOLiD, Inc.	(11) EP3412594
(73) SOLiD, Inc.	(00) 21.02.2022
(11) EP3072254	(51) B65D 71/50
(00) 17.02.2022	(00) Change of owner(s) name
(51) H04L 5/00	(71) Insight Lifetech Co., Ltd.
H04L 27/26	(73) Insight Lifetech Co., Ltd.
(00) Assignment	(11) EP3597101
(71) SOLiD, Inc.	(00) 14.02.2022
(73) SOLiD, Inc.	(51) A61B 5/0215
(11) EP3101833	A61M 25/00
(00) 17.02.2022	(00) Change of owner(s) name
(51) H04B 7/26	(71) LG Energy Solution Ltd.
H04L 1/00	(73) LG Energy Solution Ltd.
H04L 5/00	(11) EP3671929
H04L 27/26	(00) 17.02.2022
H04L 27/34	(51) H01M 10/04
H04W 52/24	H01M 10/0525
H04W 72/04	H01G 11/86
H04W 74/02	H01G 11/12
H04W 74/08	H01M 10/0583
H04W 84/12	H01M 50/46
H04W 88/08	(00) Assignment
H04W 88/10	(71) BLZ BAYERISCHES LASERZENTRUM
H04B 7/04	GEMEINNÜTZIGE FORSCHUNGSGES.
(00) Assignment	MBH
(71) SOLiD, Inc.	(73) BLZ BAYERISCHES LASERZENTRUM
(73) SOLiD, Inc.	GEMEINNÜTZIGE FORSCHUNGSGES.
(11) EP3182635	MBH
(00) 17.02.2022	(11) EP2915785
(51) H04L 5/00	(00) 15.02.2022
(00) Assignment	(51) C03C 27/00
(71) SOLiD, Inc.	C03C 27/02
(73) SOLiD, Inc.	C04B 37/04
(11) EP3072345	H01L 21/20
(00) 17.02.2022	C03B 23/20
(51) H04J 11/00	(00) Assignment
H04L 5/00	
H04W 72/12	
H04W 74/04	
H04W 84/12	
H04W 88/08	
(00) Assignment	
(71) Salins du Midi Participations S.A.S.	
(73) Salins du Midi Participations S.A.S.	

TVH

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