



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:

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Introduction

Patent Bulletin

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

Official Journal

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

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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Rubriek NP2 Bevat gegevens betreffende ingeschreven en verleende octrooien op grond van de Octrooiwet 1995.	8 Heading NP2 Contains data concerning Netherlands patents which have been entered in the patent register under the Patents Act 1995.	8
Rubriek NP3 Bevat gegevens betreffende Nederlandse octrooien na gedeeltelijke afstand conform artikel 63 van de Octrooiwet 1995.	9 Heading NP3 Contains data concerning Netherlands patents after partial renunciation confirm Article 63 of the Patents Act 1995.	9
Rubriek EP1 Bevat gegevens betreffende vertaalde conclusies van Europese octrooiaanvragen.	10 Heading EP1 Contains data concerning translations of the conclusions of European patent applications.	10
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Rubriek VB1 Bevat gegevens betreffende rechten waarvoor een verzoek of bezwaarschrift is ingediend conform de Octrooiwet 1995.	199Heading VB1 Contains data concerning requests and notices of opposition under the General administrative law.	199
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.	201Heading 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.	201
Rubriek MED Bevat gegevens betreffende overige mededelingen.	202Heading MED Contains data concerning other communications.	202
Rubriek VRV Bevat gegevens betreffende verval of nietigverklaring.	203Heading VRV Contains data concerning lapse or annulment.	203
Rubriek VRB Bevat gegevens betreffende verbeteringen op eerdere publicaties.	225Heading VRB Contains data concerning corrections on earlier publications.	225
Rubriek CO Bevat gegevens betreffende wijzigingen in het octrooiregister.	226Heading CO Contains data concerning changes in the Netherland patent register.	226
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Overzicht van Inid codes

INID CODES

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

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

INID CODES

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

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

(44) Datum van openbaarmaking	(44) Date of publication by printing or similar process of an examined document on which no grant has taken place on or before said date
(45) Datum van kracht worden van een Europees octrooi in Nederland	(45) Date of publication by printing or similar process of a document on which no grant has taken place on or before said date
(46) Inschrijvingsdatum conclusies	(46) Date of publication by printing or similar process of the claim(s) only of a document
(47) Verleningsdatum octrooi	(47) Date from which the patent takes effect
(48) Datum waarop een verbetering van een octrooi is uitgegeven	(48) Date of issuance of a corrected patent document
(51) Internationale Octrooi classificatie	(51) International Patent Classification
(54) Korte aanduiding	(54) Title of the invention
(62) Nummer moeder aanvraag	(62) Number and, if possible, filing date of the earlier application from which the present document has been divided out
(68) Nummer basis octrooi	(68) Number of the basic patent
(71) Naam aanvrager(s)	(71) Name(s) of the applicant(s)
(72) Naam uitvinder(s)	(72) Name(s) of the inventor(s) if known to be such
(73) Naam octrooihouder(s)	(73) Name(s) of grantee(s)
(74) Naam gemachtigde	(74) Name(s) of the attorney(s) or agent(s)
(75) Naam van uitvinders die tevens aanvrager zijn	(75) Name(s) of inventor(s) who is (are) also applicant(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) B09C 1/10
C02F 3/00
- (21) 2029412
(22) 14.10.2021
- (54) WORKING ELECTRODE FOR
DEGRADING PETROLEUM
HYDROCARBONS AND DEVICE
FOR DEGRADING PETROLEUM
HYDROCARBONS AND APPLICATION
THEREOF
- (71) NANKAI UNIVERSITY
(74) ir. W.J.J.M. Kempes
(72) Qixing Zhou
Xiaolin Zhang
Tian Li
Ruixiang Li
- (31) 202110795424.1
(32) 14.07.2021
(33) China
-
- (51) B25J 9/16
G01M 13/02
- (21) 2029711
(22) 11.11.2021
- (54) CONTROL SYSTEM FOR OPEN
INDUSTRIAL ROBOT
- (71) LIAOCHENG UNIVERSITY
(74) ir. W.J.J.M. Kempes
(72) Qun Sun
-
- (51) B65D 19/06
- (21) 2026092
(22) 20.07.2020
- (54) LOGISTICS BOX
- (71) Anhui University of Science and
Technology
(74) drs. P.A. van Essen c.s.
(72) Qiaolian Chen
Yuandong Cheng
- (31) 2020105834202
(32) 23.06.2020
(33) China
-
- (51) C12N 5/0735
C12N 9/22
C12N 15/85
- (21) 2029922
(22) 26.11.2021
- (54) GPD1L-DELETED HUMAN
EMBRYONIC STEM CELL LINE AND
CONSTRUCTION METHOD AND USE
THEREOF
- (71) Qiqihar Medical University
(74) ir. W.J.J.M. Kempes
(72) Hongming Pan
Yan Lin
Liling Yue
Tao Dong
Hui Ji

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.**

NP3

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

EP1

Vertaalde conclusies van Europese octrooiaanvragen.

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

(43) 30.05.2018

(11) EP3324936

(51) A61K 9/08

A61K 31/69

(71) STADA Arzneimittel AG

(43) 30.05.2018

(11) EP3324937

(51) A61K 9/08

A61K 31/69

(71) STADA Arzneimittel AG

EP2

Voor Nederland verleende Europese octrooien.

Contains data concerning European patents granted for The Netherlands.

(51) A01B 61/04	(72) Reubens, Sam	(31) 201715808629
(11) EP3481169	(51) A01D 57/02	201615351939
(21) EP17745975.7	A01D 41/14	(32) 09.11.2017
(47) 16.02.2022	(11) EP3346819	15.11.2016
(87) DE2017100561	(21) EP16843332.4	(33) United States of America
11.01.2018	(47) 16.02.2022	United States of America
(22) 05.07.2017	(87) CA2016051064	(51) A01G 17/06
(54) SOIL-WORKING DEVICE HAVING AN OVERLOAD PROTECTION MEANS	16.03.2017	(11) EP3195722
(73) Lemken GmbH & Co. KG	(22) 08.09.2016	(21) EP17152085.1
(72) MEURS, Wilhelm	(54) COMBINE HEADER REEL APPARATUS FOR SUNFLOWERS	(47) 16.02.2022
ACHTEN, Georg	(73) 101288550 SASKATCHEWAN LTD.	(22) 19.01.2017
PAULESSEN, Georg	(72) DIETRICH, Dave	(54) POST FOR VINE OR FRUIT CULTIVATION
(31) 102016112522	(31) 2903894	(73) voestalpine Präzisionsprofil GmbH
(32) 07.07.2016	(32) 11.09.2015	(31) 102016100769
(33) Germany	(33) Canada	(32) 19.01.2016
(51) A01D 34/30	(51) A01F 12/30	(33) Germany
A01D 41/14	(11) EP3616498	(51) A01J 27/00
(11) EP3473072	(21) EP19178630.0	A01J 27/04
(21) EP18192390.5	(47) 16.02.2022	(11) EP3672399
(47) 16.02.2022	(22) 06.06.2019	(21) EP18801073.0
(22) 04.09.2018	(54) SELF-PROPELLED COMBINE HARVESTER WITH AN ENDLESS RETURN CONVEYOR BELT AND RETURN ASSEMBLY FOR THE SAME	(47) 16.02.2022
(54) CUTTING TOOL	(73) CLAAS Selbstfahrende Erntemaschinen GmbH	(87) NL2018050550
(73) CLAAS Selbstfahrende Erntemaschinen GmbH	(72) Holtmann, Bernd	28.02.2019
(72) Aerdker, Bernhard	Waten, Björn	(22) 22.08.2018
Herter, Felix	Bußmann, Jens	(54) A FOOD PRODUCT OUTER LAYER REMOVAL SYSTEM AND METHOD
(31) 102017122643	(31) 102018120797	(73) Vergeer Holding B.V.
(32) 28.09.2017	(32) 27.08.2018	Tecuma B.V.
(33) Germany	(33) Germany	(72) DE WALL, Reinier
(51) A01D 34/78	(51) A01G 3/053	VAN DER HOEK, Marinus Jacobus
H02K 9/06	B25F 5/02	(31) 2019440
A01D 34/81	B25G 3/16	(32) 23.08.2017
A01D 34/82	(11) EP2575424	(33) Netherlands
H02K 5/10	(21) EP10852598.1	(51) A01K 1/00
H02K 5/20	(47) 16.02.2022	F24F 12/00
A01D 75/18	(87) SE2010050625	F28D 21/00
(11) EP3729946	08.12.2011	F24D 5/02
(21) EP17935395.8	(22) 04.06.2010	F24H 3/08
(47) 16.02.2022	(54) HANDLE SYSTEM FOR A HANDHELD POWER TOOL	(11) EP3744171
(87) JP2017046242	(73) Husqvarna AB	(21) EP20177253.0
27.06.2019	(72) FONG, Carl-Johan	(47) 16.02.2022
(22) 22.12.2017	VALFRIDSSON, Stefan	(22) 28.05.2020
(54) MOWER	GEJERVALL, Ulrik	(54) AIR HEATING UNIT AND HOT AIR GENERATOR FOR USE IN SAID UNIT
(73) HONDA MOTOR CO., LTD.	NYBACKA, Matias	(73) Kromschroeder, S.A.
(72) TSURUDA, Koki	(51) A01G 9/02	(72) VALERO URREA, Jose
NISHIMURA, Kenta	A01G 27/02	(31) 201930479
MINAMI, Fumio	(11) EP3332631	(32) 30.05.2019
TAKAHASHI, Yoshihiro	(21) EP17201954.9	(33) Spain
FUKUZUMI, Yasumi	(47) 16.02.2022	(51) A01K 11/00
(51) A01D 41/14	(22) 15.11.2017	H04B 5/00
A01D 41/16	(54) PLANTING SYSTEM FOR OPTIMIZATION OF PLANT GROWTH	(11) EP3583842
A01D 69/08	(73) Precision Cultivation Systems Holdings, LLC	(21) EP18178270.7
(11) EP3669632	(72) Kaminski, Kristopher Ryan	(47) 16.02.2022
(21) EP18213665.5	Martínage, Ryan Erica	(22) 18.06.2018
(47) 16.02.2022		(54) RFID TAG
(22) 18.12.2018		(73) Assa Abloy AB
(54) A HEADER DRIVELINE COUPLING MECHANISM FOR A COMBINE HARVESTER		(72) KAPP, Hugo
(73) CNH Industrial Belgium NV		ROBADEY, Jean-Miguel
		ENNABLI, Elies

(51) A01K 67/00	(72) ROSSI, Danilo	A01N 59/16
A01K 15/04	GIOVANELLI, Alessio	A01P 1/00
A01K 1/03	SMITH, Christopher, Lawrence	A01P 3/00
A01K 1/06	CRESPO, Joaquin, Antonio	(11) EP3420820
(11) EP2853157	HOLLINGER, Stefan, H.	(21) EP16900068.4
(21) EP12877123.5	HARTTMANN, Brigitte	(47) 16.02.2022
(47) 16.02.2022	SORDO, Walter	(87) CN2016094036
(87) JP2012075307	PEDROTTI, Andrea	02.11.2017
28.11.2013	(31) PCT/US2016/041811	(22) 08.08.2016
(22) 01.10.2012	(32) 11.07.2016	(54) FUNGICIDAL COMPOSITION
(54) RESTRAINER FOR PRIMATES	(33) World Intellectual Property Office (WIPO)	(73) ADAMA Huifeng (Jiangsu) Ltd.
(73) Shin Nippon Biomedical Laboratories, Ltd.	(51) A01M 17/00	(72) Ji, Hongjin
(72) KASHIMA, Masatoshi	(11) EP3177139	ZHONG, Hangan
MAGOTANI, Hiroaki	(21) EP15785196.5	ZHENG, Zuntao
NAGATA, Ryoichi	(47) 16.02.2022	(31) 201610287269
(31) 2012116136	(87) IT2015000195	(32) 29.04.2016
(32) 22.05.2012	11.02.2016	(33) China
(33) Japan	(22) 05.08.2015	(51) A01N 59/00
(51) A01K 67/027	(54) METHOD FOR THE FUMIGATION	A01N 59/20
C07K 16/00	TREATMENT OF AGRICULTURAL	A01P 1/00
C07K 16/18	LANDS AND MACHINE FOR	C23C 22/68
A61K 39/395	CARRYING OUT SUCH METHOD	(11) EP3649861
C12N 15/13	(73) ROTER ITALIA S.r.l.	(21) EP18828403.8
C12N 15/85	(72) SANDRO, Forigo	(47) 16.02.2022
C12N 5/10	(31) TO20140640	(87) JP2018020675
C07K 16/46	(32) 07.08.2014	10.01.2019
(11) EP2346994	(33) Italy	(22) 30.05.2018
(21) EP09818482.3	(51) A01M 29/30	(54) METHOD FOR TREATING SURFACE
(47) 16.02.2022	A01G 13/10	OF COPPER OR COPPER ALLOY,
(87) US2009059131	(11) EP3488693	SURFACE TREATMENT LIQUID FOR
08.04.2010	(21) EP18386033.7	STERILIZING COPPER OR COPPER
(22) 30.09.2009	(47) 16.02.2022	ALLOY, AND NON-THERAPEUTIC
(54) KNOCK-IN MICE FOR THE	(22) 20.11.2018	STERILIZING METHOD USING
PRODUCTION OF CHIMERIC	(54) TREES' PROTECTOR FROM	COPPER OR COPPER ALLOY
ANTIBODIES	RODENTS AND OTHER ANIMALS	TREATED USING SAID METHOD
(73) Ablexis, LLC	(73) Maroudas, Dimosthenis	(73) National Institute for Materials Science
(72) GREEN, Larry	(72) Maroudas, Dimosthenis	(72) TANAKA Shinji
SHIZUYA, Hiroaki	(31) 20170100530	YAMAMOTO Akiko
(31) 101938 P	(32) 22.11.2017	OISHI Keiichiro
101597 P	(33) Greece	(31) 2017130373
(32) 01.10.2008	(51) A01N 31/08	(32) 03.07.2017
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(51) A01M 1/02	(11) EP3366672	(21) EP18860227.0
A01M 1/04	(21) EP16856931.7	(47) 16.02.2022
A01M 1/10	(47) 16.02.2022	(87) CN2018078534
(11) EP3092895	(87) CN2016102837	04.04.2019
(21) EP16169010.2	27.04.2017	(22) 09.03.2018
(47) 16.02.2022	(22) 21.10.2016	(54) TURNTABLE COMPONENT OF
(22) 10.05.2016	(54) BIPHENYL COMPOUND AND	FILLING-WRAPPING FOOD FORMING
(54) SYSTEM FOR ATTRACTING INSECTS	APPLICATION THEREOF	MACHINE
(73) Witasek, Peter	(73) Shenyang Sinochem Agrochemicals R &	(73) Shanghai Soontrue Machinery
(72) Witasek, Peter	D Co., Ltd.	Equipment Co., Ltd.
(31) 2912015	(72) BAN, Lanfeng	(72) HUANG, Song
(32) 11.05.2015	SONG, Yuquan	(31) 201710913590
(33) Austria	XU, Libao	(32) 30.09.2017
(51) A01M 1/02	ZHANG, Jing	(33) China
A01M 1/14	YU, Haibo	(51) A23K 20/00
(11) EP3481184	LI, Peng	A23K 20/10
(21) EP17734217.7	WU, Hongfei	A23K 20/20
(47) 16.02.2022	ZHANG, Lixin	A23K 50/30
(87) US2017039381	XU, Jingbo	A23K 50/60
18.01.2018	(31) 201510696452	(11) EP3772984
(22) 27.06.2017	(32) 23.10.2015	(21) EP19710800.4
(54) HEATED INSECT TRAPPING DEVICE	(33) China	(47) 16.02.2022
(73) The Procter & Gamble Company	(51) A01N 43/80	(87) IB2019051670
	A01N 47/14	03.10.2019

(22) 01.03.2019	(51) A23L 23/10	(32) 18.08.2010
(54) COMPOSITION OF A FEED ADDITIVE FOR ANIMALS AND METHOD TO ADMINISTER THE ADDITIVE	(11) EP3823468	26.11.2010
(73) FARM@NUTRITION, besloten vennootschap met beperkte aansprakelijkheid	(21) EP19734411.2	11.04.2011
(72) DIERCKX, Roland Charles	(47) 16.02.2022	(33) United States of America
(31) 201805213	(87) EP2019067767	United States of America
(32) 29.03.2018	23.01.2020	United States of America
(33) Belgium	(22) 02.07.2019	(51) A23N 1/00
(51) A23K 20/147	(54) SAVOURY LIQUID CONCENTRATE	A47J 19/02
A23K 20/163	(73) Unilever IP Holdings B.V.	B30B 5/02
A23K 50/48	(72) SAILER, Winfried	B30B 9/22
(11) EP3373742	SCHÄNZEL, Monika, Renate	(11) EP3429378
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(73) Genuity LLC	WAYDO, Stephen, J.	KORKINOF, Dimitrios
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B29B 17/02	MILLS, David	(73) SMS Group GmbH
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MANUFACTURING SWINGING	TAHER, Mamoun	HYBRID STACK STRUCTURE
CAULKING DEVICE, METHOD	GRENBERG, Helena	THEREOF
FOR MANUFACTURING HUB	WAHLANDER, Martin	(73) Dalian University Of Technology
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(73) Omron Corporation	(51) B26B 21/40	(72) KOSKI, Anna
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(73) KUKA Deutschland GmbH	B26D 7/06	(31) 102014006693
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(73) Monier Roofing GmbH	C03B 37/16	Mancilla, Mark
(72) ARMBRUST, Jürgen	D01G 1/04	(31) 201113156387
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(73) Kraton Polymers LLC	MIZUTORI, Yukihiko	Tschida, Colin E
(72) KLUTTZ, Robert Q.	SAMEJIMA, Tadao	Tremelling, Darren
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(73) Husqvarna AB	B22F 3/105	KRISCHE, Andreas
(72) JÖNSSON, Andreas	(11) EP3496924	ZHUANG, Di
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	G02B 5/18	DLAIKAN-CAMPOS, Nasib
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(22) 25.10.2016	18.02.2019	(54) METHOD AND APPARATUS
(54) DEVICE AND RELATED METHOD FOR	(33) Japan	FOR MANUFACTURING THREE-
PROCESSING POLYMERS	Japan	DIMENSIONAL BODY
(73) ExxonMobil Chemical Patents Inc.	(51) B29C 64/106	(73) Canon Kabushiki Kaisha
(72) VEARIEL, Thomas R.	B29C 64/209	(72) TANIUCHI, Hiroshi
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B29C 49/06	APPARATUS	B29C 64/364
B29C 49/42	(73) Seiko Epson Corporation	B33Y 40/00
B29L 31/00	(72) SAITO, Koichi	B33Y 50/02
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(47) 16.02.2022	YUWAKI, Kohei	B41J 2/165
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(72) NEBL, Florian	(33) Japan	L.P.
WÜNSCHE, Dieter	Japan	(72) BORRELL CARBONELL, Oriol
SÖLLNER, Jürgen	Japan	SANCHEZ RIBES, Salvador
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VERIFICATION OF A FORMING	H05K 1/09	PRINTING OF AN OBJECT BASED ON
STEP OF PLASTIC PREFORMS INTO	H05K 3/12	A MODEL
PLASTIC CONTAINERS	B29C 64/118	(73) Atum Holding B.V.
(73) Kronos AG	B22F 3/10	(72) BUDEL, Tristram
(72) PIANA, Stefan	H05K 3/00	TETTEROO, Ramon Rudolf
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SYSTEM FOR THREE-DIMENSIONAL	Airbus (S.A.S.)	(72) TONEFF, Steve
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B29C 43/22	(73) Continental Reifen Deutschland GmbH	(11) EP3620297
B29K 105/06	(72) Lohner, Alexander	(21) EP19185659.0
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(21) EP17173197.9	(47) 16.02.2022	MATERIAL AND A TUBE HEAD, AND
(47) 16.02.2022	(87) US2015028871	FLEXIBLE CONTAINER COMPRISING
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(54) METHOD FOR REPAIRING A	(22) 01.05.2015	(73) Albéa Services
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WITH INTERVENING MULTILAYER	(32) 23.04.2020	ADDITIVE MANUFACTURED PARTS
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(73) Bemis Company, Inc.	(33) Germany	(72) DEGHANNIRI, Ehsan
(72) GRUETZMACHER, Ross, K.	Germany	KOTTILINGAM, Srikanth Chandrudu
MARTINS, Brent, G.	(51) B32B 27/40	GOING JR., Claude Leonard
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LAMINATE AND ARTICLE	KODA, Chikako	B41J 2/195
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B32B 27/32	(21) EP15770888.4	POURTIER, Francis
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(47) 16.02.2022	(54) APPARATUS TO PERFORM	B41F 9/01
(22) 15.03.2018	OPERATION ON CONVEYED OBJECT	B41M 3/06
(54) LIQUID EJECTING APPARATUS	(73) Ricoh Company, Ltd.	B42D 25/328
(73) Seiko Epson Corporation	(72) SUNAOSHI, Masayuki	B42D 15/00
(72) SAKAI, Hirofumi	MIZUNO, Masahiro	B42D 25/405
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AN END OF THE MAIN SHAFT	F04B 49/20	(32) 23.05.2017
(73) General Electric Company	F15B 15/14	(33) Japan

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(73) Corwave SA (72) DREVET, Jean-Baptiste GUILLEMIN, Harold	(73) PFEIFFER VACUUM GMBH (72) KOBUS, Christopher	(33) Japan Japan Japan Japan
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(73) Wilo Intec (72) BAALI, Mohamed (31) 1915487 (32) 23.12.2019 (33) France	(73) ELICA S.p.A. (72) VITALETTI, Leonardo TORREGIANI, Stefano TRABALZI, Francesco PALLOTTA, Marco	(73) KSB S.A.S (72) PETIT, Nicolas JAGER, Christoph KAMINSKI, Mateusz GONZALEZ, Stéphanie
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(73) Hitachi Construction Machinery Co., Ltd.	(51) F16B 41/00	F16C 33/66
(72) IMURA, Shinya	B62K 25/02	(11) EP3604841
YAMASHITA, Ryohei	F16B 23/00	(21) EP18776681.1
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(54) SELF-PIERCING RIVET	(72) PRACHUMSRI, Wudhidham	(54) A BEARING WHICH CAN BE QUICKLY
(73) Newfrey LLC	PINHEIRO, Rodrigo	ASSEMBLED AND DISASSEMBLED
(72) WISSLING, Matthias	LIEBSCHER, Andreas	(73) Ortadogu Rulman Sanayi Ve Ticaret
BARTIG, Paul	MULAZIMOGLU, Hasim	Anonim Sirketi
(51) F16B 23/00	RIZZA, Gregory	(72) SAYDEMIR, Nazmi
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(54) CLUTCH CONTROL DEVICE	H02P 9/10	(73) Valeo Schalter und Sensoren GmbH
(73) Honda Motor Co., Ltd.	H02K 7/20	(72) MAGI, Giancarlo
(72) RYUZAKI, Tatsuya	H02P 9/00	PESTARINO, Fabio
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Poziemski, Dariusz	F16G 3/00	(72) HABERSTOCK, Alexander
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(73) Oiles Corporation	HÜLS, Achim	F16H 59/04
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(73) Isuzu Motors Limited	(73) Automatisation et Controle du Serrage	(31) 102014218535
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(72) TSURUGAYA Kohei	B32B 27/40	(51) F21S 2/00
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(54) TWO-PIECE SEAT FOR CONTACTING SEAL	(51) F16P 3/14	(21) EP18207046.6
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(73) ZKW Group GmbH	(21) EP20174834.0	(73) Xiamen Leedarson Lighting Co., Ltd.
(72) Kemetmüller, Matthias Danner, Markus Eichinger, Bernd	(47) 16.02.2022 (22) 21.04.2017	(72) YU, Yuanbin CHEN, Chunteng LIN, Biquan
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(72) Chou, Hung-Ting	DETECTING OSCILLATION AND	(54) INPUT DEVICE RECEIVER WITH
Wang, Tao	SIGNAL COUPLING DEVICE	DELTA-SIGMA MODULATOR
Yu, Chien-Te	(73) Molex CVS Dabendorf GmbH	(73) Synaptics, Incorporated
Chien, Ching-I	(72) JACOBI, Raimo	(72) BOHANNON, Eric Scott
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(54) AUDIO AMPLIFIER SYSTEM	(11) EP3457566	H03M 13/13
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(72) DOOPER, Lûtsen Ludgerus Albertus	(22) 10.09.2018	(47) 16.02.2022
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BERKHOUT, Marco	THE IMPEDANCE VALUE OF A	20.12.2018
SCHUURMANS, Han Martijn	REFERENCE RESISTOR	(22) 12.06.2018
VAN DOMMELEN, Maarten Wilhelmus	(73) Commissariat à l'énergie atomique et aux	(54) METHOD AND APPARATUS FOR
Henricus Marie	énergies alternatives	ENCODING BASED ON LAYERED
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(72) SABER, Hamid	(51) H04B 7/02	COHERENT RECOMBINATION FOR
TONG, Wen	H04L 1/16	MULTI-WAVELENGTH OPTICAL
GE, Yiqun	H04B 7/06	BEAMS
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(51) H03M 13/11	TRACKING BEAM IN WIRELESS	(32) 18.12.2018
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DECODING IN COMMUNICATION OR	H04L 7/00	H04B 10/532
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Korea (Republic)	(72) SRIDHARAN, Gokul	(73) ORANGE
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(73) Sagemcom Broadband SAS	HUANG, Ge	WITH ACKNOWLEDGEMENT
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Contains data concerning European patents granted for The Netherlands in which a translation was filed confirm Article 52 par. 1 or 6 of the Patents Act 1995.

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(22) 18.07.2018	(47) 15.12.2021	(21) EP16159447.8
(54) DRILLING DEVICE AND METHOD FOR CARRYING OUT DRILLING AT LOCATIONS WHICH ARE DIFFICULT TO REACH	(51) B24B 5/36	(22) 09.03.2016
(73) IML Instrumenta Mechanik Labor GmbH	B29D 30/54	(54) DEVICE FOR MAKING CONCRETE MOULDS IN A MOULDING MACHINE
(74) dr. W.A.H.M. Van Borm	(11) EP3377269	(73) KOBRA Formen GmbH
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(32) 17.08.2017	(22) 18.11.2016	STICHEL, Holger
(33) Germany	(54) METHOD AND APPARATUS FOR DUAL TIRE BUFFING AND HANDLING	(74) dr. W.A.H.M. Van Borm
(47) 03.11.2021	(73) Bridgestone Bandag, LLC	(31) 102015103829
(51) B23D 59/00	(72) GRAY, Jeremy D.	(32) 16.03.2015
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(54) HAND-HELD MACHINE TOOL COMPRISING A SUCTION CONNECTION	(47) 12.01.2022	B29C 48/04
(73) Festool GmbH	(51) B25B 13/30	B26D 1/36
(72) ZVÁNOVEC, Václav	B25B 13/48	B26D 1/28
(74) ir. H.A. Witmans c.s.	(11) EP3473382	A23P 30/10
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(74) ir. M.F.J.M. Ketelaars c.s. (31) 102017120047 (32) 31.08.2017 (33) Germany (47) 03.11.2021	(54) APPARATUS AND METHOD FOR CORRECTING MISALIGNMENT OF A STRIP (73) VMI Holland B.V. (72) VAN LAAR, Gerardus Johannes Catharina	(73) Visual Physics, LLC (72) KENNEDY, Caroline, B. GOSNELL, Jonathan, D. PALM, Scott, K. CAPE, Samuel, M. JORDAN, Gregory, R.
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(73) Pulpac AB (72) LARSSON, Linus LARSSON, Ove (74) ir. M.F.J.M. Ketelaars c.s. (31) 1630058 (32) 18.03.2016 (33) Sweden (47) 10.11.2021	(74) J.M.H. Duyver lic. (47) 05.01.2022 (51) B29C 64/255 B29C 64/307 B33Y 40/00 B65D 77/06	(74) ir. W.J.J.M. Kempes (31) 201462053469 P (32) 22.09.2014 (33) United States of America (47) 10.11.2021 (51) B32B 5/00 B32B 5/24 B32B 7/00 B32B 7/02 B32B 7/04 B32B 7/06 B32B 7/12 B32B 9/00 B32B 15/00 B32B 15/04 B32B 15/08 B32B 15/085 B32B 19/00 B32B 19/04
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(54) RECYCLABLE MATERIAL	(73) Nanjing Hujiang Composite Materials	(22) 26.05.2017
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(51) B32B 5/02	(33) China	(74) ir. M.F.J.M. Ketelaars c.s.
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(54) SKIN PANEL AND METHOD FOR	B41J 2/205	(33) Germany
MANUFACTURING A SKIN PANEL	B41J 2/21	(47) 24.11.2021
(73) Gitzhofer, Christoph	H01L 51/00	(51) B60B 3/16
(72) Gitzhofer, Christoph	(11) EP3160750	(11) EP3693182
(74) drs. C.H. Mink-Lindenburg	(21) EP15815375.9	(21) EP19155905.3
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(32) 09.08.2017	PRINTING OF A PERMANENT LAYER	FASTENING WHEELS OR SIMILAR
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(33) France	ACCURACY	(72) NILSSON, Bengt Åke
Germany	(73) Kateeva, Inc.	(47) 27.10.2021
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(51) B32B 17/10	HARJEE, Nahid	(11) EP3592581
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(21) EP17804226.3	201514627186	MANUFACTURING A TOW BAR
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INTERNAL OVERHANG	201414340403	LESKENS, Harmen
(73) SAINT-GOBAIN GLASS FRANCE	201462021584 P	(74) dr. W.A.H.M. Van Borm
(72) SAUVINET, Vincent	201462019076 P	(47) 17.11.2021
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B65D 30/08	United States of America	(73) ACPS Automotive GmbH
B65D 13/00	United States of America	(72) Holz, Christian
B65D 65/40	United States of America	(74) ir. F.A. Geurts c.s.
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(21) EP16816701.3	(73) MARTENS, Koen	(47) 12.01.2022
(22) 22.12.2016	(72) MARTENS, Koen	(51) B61B 13/10
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(73) Schuh, Rainer Karl	(47) 08.12.2021	(11) EP3092161
(72) Schuh, Rainer Karl	(51) B60R 21/232	(21) EP15704111.2
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(21) EP18174465.7	(73) INVISTA Textiles (U.K.) Limited	(31) 201400293
(22) 28.05.2018	(72) GAUTHIER, Anne	(32) 10.01.2014
(54) AXLE TRANSMISSION MODULE	HUNT, Neil	(33) Turkey
(73) MAN Truck & Bus SE	BARNES, John	(47) 15.12.2021
(72) Braykoff, Christo	TOWNSON, Martin	(51) B61D 17/14
(74) ir. A. Blokland c.s.	SHARMA, Varunesh	(11) EP3792130
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(32) 14.06.2017	(31) 201862633324 P	(22) 30.07.2020
(33) Germany	201762587599 P	(54) SAFETY BARRIER FOR A WALKWAY AND WORKING PLATFORM
(47) 01.12.2021	201762565195 P	(73) Deutsche Bahn AG
(51) B60M 1/28	(32) 21.02.2018	(72) WAWRZYNIAK, Felix
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(22) 10.01.2019	United States of America	(33) Germany
(54) DEVICE FOR DISPENSING AN ANTI-ICE AND/OR ANTI-WEAR FLUID ON A CABLE FOR THE TRANSMISSION OF ELECTRIC CURRENT	(47) 05.01.2022	(47) 10.11.2021
(73) Dipsa Technes S.r.l.	(51) B60S 9/02	(51) B61L 1/16
(72) ODORICI, FAUSTO	B66F 3/46	(11) EP3294608
(74) J.M.H. Duyver lic.	G05D 1/08	(21) EP16726083.5
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(32) 11.01.2018	(21) EP20173415.9	(54) SENSOR DEVICE FOR DETECTING A WHEEL MOVING ALONG A RAIL
(33) Italy	(22) 07.05.2020	(73) Siemens Mobility GmbH
(47) 10.11.2021	(54) VEHICLE LEVELING USING HANDHELD MOBILE DEVICE	(72) FREISE, Rainer
(51) B60P 7/08	(73) Lippert Components Inc.	(74) ir. M.F.J.M. Ketelaars c.s.
B65D 19/44	(72) COLLIN, Matthew A.	(31) 102015212120
B60P 7/15	CUNNINGHAM, Tod	(32) 30.06.2015
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B65D 90/00	(74) ir. M.F.J.M. Ketelaars c.s.	(47) 17.11.2021
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(22) 22.08.2019	(33) United States of America	(54) MANEUVERING DRIVE SYSTEM, VEHICLE WITH A MANEUVERING DRIVE SYSTEM AND KIT WITH A MANEUVERING DRIVE SYSTEM AND A LOADING DEVICE
(54) LOAD CARRIER FOR AT LEAST ONE LOAD AND FIXING MEANS FOR ARRANGEMENT ON A LOAD CARRIER	United States of America	(73) Carman Enterprise Co., Ltd.
(73) Licht, Ralph Dieter	(47) 22.12.2021	(72) Li, Xianwei
(72) Licht, Ralph Dieter	(51) B60W 30/00	(74) ir. J.C. Volmer c.s.
(74) dr. W.A.H.M. Van Borm	B60W 40/12	(31) 201910261926
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(33) Germany	(22) 03.04.2014	G09F 13/04
Germany	(54) SYSTEMS AND METHODS FOR TRANSITIONING CONTROL OF AN AUTONOMOUS VEHICLE TO A DRIVER	B62J 7/00
(47) 01.12.2021	(73) WAYMO LLC	B62J 99/00
(51) B60P 7/08	(72) EGNOR, Daniel, Trawick	B62J 9/00
F16G 11/12	URMSON, Christopher	
	SCHULTZ, Andrew	

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G09F 21/04	(54) STATION FOR ASSEMBLING A	(32) 23.02.2017
(11) EP2870061	CARTRIDGE OF AN ELECTRONIC	(33) Italy
(21) EP13812556.2	CIGARETTE	(47) 10.11.2021
(22) 08.07.2013	(73) G.D Società per Azioni	(51) B65D 33/25
(54) A SCOOTER VEHICLE WITH	(72) LANZARINI, Luca	A44B 19/26
INTEGRATED PILLION TRANSPORT	SARTONI, Massimo	(11) EP3691975
CONTAINER	DEGLIESPOSTI, Paolo	(21) EP18766250.7
(73) Illuminated Box Solution Pty Ltd	TESTONI, Luca	(22) 10.09.2018
(72) CERVINO, Carl	GRIMANDI, Andrea	(54) CLOSING DEVICE FOR A BAG
(74) ir. H.Th. van den Heuvel c.s.	FEDERICI, Luca	(73) Cofresco Frischhalteprodukte GmbH &
(31) 2012902911	(74) mr. ir. J. van Breda c.s.	Co. KG
(32) 06.07.2012	(31) 201700116882	(72) LARISCH, Sven
(33) Australia	(32) 17.10.2017	(74) ir. M.F.J.M. Ketelaars c.s.
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(51) B62M 9/10	(47) 08.12.2021	(32) 06.10.2017
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(11) EP3354553	B65B 11/42	(47) 10.11.2021
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(22) 26.01.2018	B65B 25/00	(11) EP2953864
(54) MULTI-GEAR PINION ASSEMBLY WITH	B65B 31/04	(21) EP14703933.3
A WELDED JOINT	B65B 31/06	(22) 03.02.2014
(73) SRAM Deutschland GmbH	B65B 31/00	(54) CLOSURE ASSEMBLY FOR
(72) Reinbold, Matthias	B65B 31/10	SQUEEZE BOTTLE COMPRISING A
Lee, Hong-Chou	B65B 55/02	THERMOPLASTIC VALVE
(74) ir. W.J.J.M. Kempes	(11) EP3589551	(73) Weener Plastics Netherlands B.V.
(31) 102017000855	(21) EP18712657.8	(72) DEN BOER, Sebastiaan Wilhelmus
(32) 31.01.2017	(22) 27.02.2018	Josephus
(33) Germany	(54) METHOD FOR WRAPPING	RAP, Albertus
(47) 10.11.2021	HYGROSCOPIC FOOD PRODUCTS	ELLENKAMP-VAN OLST, Lenny Marita
(51) B63H 1/15	(73) Azionaria Costruzioni Macchine	PUN, Shi Ming
B63H 1/18	Automatiche A.C.M.A. S.p.A.	RAMON, Willem
B63H 1/26	(72) SCRIVANI, Massimo	(74) ir. J.C. Volmer c.s.
B63H 1/28	(74) ir. M.F.J.M. Ketelaars c.s.	(31) 2010248
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(21) EP18179727.5	(32) 28.02.2017	(33) Netherlands
(22) 26.06.2018	(33) Italy	(47) 24.11.2021
(54) DIFFUSER-TYPE ENDPLATE	(47) 15.12.2021	(51) B65D 55/02
PROPELLER	(51) B65B 27/12	B65D 47/08
(73) National Taiwan Ocean University	B65B 63/02	(11) EP3444201
Hung Shen Propeller Co., Ltd.	B65B 11/00	(21) EP16898530.7
(72) KEHR, Young-Zehr	(11) EP3536621	(22) 13.04.2016
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C10B 47/26	LIGHT OLEFINS PRODUCTION OVER	C10N 40/25
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C10G 11/05	ENGINE	ARLABOSSE, Hélène, Julie, Marie
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B01J 38/00	AMBLARD, Catherine	18158266

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C11D 3/48	AND METHODS OF USE	A01H 1/00
A01N 65/00	(73) Labrador Diagnostics LLC	(11) EP3253880
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YLLA MONFORT, Irene	A23K 20/189	O'KEEFE, Anna, Mary
OSSET HERNÁNDEZ, Miquel	(11) EP3385376	(74) ir. W.J.J.M. Kempes
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HILL, Domicinda M.	Juntunen, Kari	Deutsches Forschungszentrum für
JONES, Mark E.	Wieland, Susanne	Gesundheit und Umwelt (GmbH)
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C23C 2/06	C21D 1/42	C25D 3/12
C22C 21/00	C21D 1/60	C25D 3/22
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USE THEREOF	C22C 38/22	(21) EP18797148.6
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METHOD FOR PRODUCING SUCH A	C22C 38/20	(11) EP3676413
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(51) E03C 1/04	POPA, Nicoleta	E05D 5/02
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F16B 13/12	WOOD, Antony	(73) TIF GmbH
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(72) BALLESTRA, Victor Jean	E05C 1/16	(74) ir. A. Blokland c.s.
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		(74) ir. A. Blokland c.s.
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F04D 29/66	(54) DISC BRAKE AND BRAKE PAD SET	(11) EP3682151
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(54) BLOWER ASSEMBLY FOR	(74) ir. M.F.J.M. Ketelaars c.s.	AT LEAST ONE PIPE OR CABLE
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(73) Häfele SE & Co KG	(72) BOWMAN, Matthew, A.	PASSAGE THROUGH A PARTITION
(72) ARNOLD, Lorenz	YOVANOVICH, Kathryn, E.	(73) DOYMA GmbH & Co
NITSCHMANN, Gunter	BANCROFT, Philip, Wayne	(72) Chikatimalla, Rajesh
(74) ir. H.A. Witmans c.s.	(74) dr. ir. G.J.C. Verdijck c.s.	(74) ir. M.F.J.M. Ketelaars c.s.
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B32B 5/02	PRESSURISED FLUID AND FILLING	F21V 23/00
B32B 15/14	AND EXTRACTION METHODS	F21Y 115/10
B32B 15/18	(73) L'AIR LIQUIDE, SOCIETE ANONYME	F21Y 105/10
B32B 15/20	POUR L'ETUDE ET L'EXPLOITATION	(11) EP3499109
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B32B 27/12	MULLER, Denis	(54) LIGHT SOURCE MODULE AND LAMP
B32B 1/08	FRENAL, Antoine	WITH SAME
B32B 3/28	(74) ir. W.J.J.M. Kempes	(73) Vertex Lighting And Electrical Co., Ltd.
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USE	(22) 24.08.2018	F21V 7/04
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(72) Fort, Wes	COMPRESSED GAS CONTAINER	F21Y 115/10
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(74) ir. H.Th. van den Heuvel c.s.	(47) 10.11.2021	FOR ILLUMINATING WALLS
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Korea (Republic)	(73) ubirch GmbH	(72) MONTOJO, Juan
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VB2

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(11) EP3752364	(11) EP3783170	
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VRB

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

CO

Ingeschreven overdrachten.

Contains data concerning registered assignments or change of owners.

(71) Optelec Holding B.V.	(51) G09B 21/00	(71) ARJUNA NATURAL PRIVATE LIMITED
(73) Optelec Holding B.V.	(00) Merge	(73) ARJUNA NATURAL PRIVATE LIMITED
(11) 2006698	(71) Hansella GmbH	(11) EP1890546
(00) 05.01.2022	(73) Hansella GmbH	(00) 06.01.2022
(51) H04N 1/195	(11) EP2296485	(51) A61K 36/9066
H04N 7/18	(00) 07.01.2022	(00) Assignment
(00) Merge	(51) A23G 3/00	(71) American Sterilizer Company
(71) Optelec Holding B.V.	A23G 3/02	(73) American Sterilizer Company
(73) Optelec Holding B.V.	(00) Assignment	(11) EP2714101
(11) 2010357	(71) ICashe, Inc	(00) 07.01.2022
(00) 05.01.2022	(73) ICashe, Inc	(51) A61L 2/20
(51) G06K 9/22	(11) EP2927845	A61L 2/22
G09B 21/00	(00) 05.01.2022	A61L 2/24
G10L 13/00	(51) G06K 19/07	(00) Assignment
(00) Merge	G06K 19/073	(71) Hansella GmbH
(71) MERCK SHARP & DOHME (UK)	G06K 19/077	(73) Hansella GmbH
LIMITED	H04B 5/00	(11) EP2852292
(73) MERCK SHARP & DOHME (UK)	G06Q 20/00	(00) 07.01.2022
LIMITED	G06Q 20/20	(51) A23G 3/02
(11) EP1421062	H04B 1/3816	A23G 3/04
(00) 05.01.2022	(00) Assignment	A23G 3/34
(51) A61K 31/10	(71) ICashe, Inc	F28D 7/10
A61P 25/28	(73) ICashe, Inc	(00) Assignment
C07C 317/20	(11) EP2966598	(71) Milestone S.r.l.
C07C 317/44	(00) 05.01.2022	(73) Milestone S.r.l.
C07D 211/46	(51) G06K 19/07	(11) EP2439510
C07D 211/60	G06K 19/073	(00) 07.01.2022
C07D 211/62	G06K 19/077	(51) G01N 1/31
C07D 213/40	H04B 5/00	G01N 1/36
C07D 233/56	G06Q 20/00	(00) Assignment
C07D 295/18	G06Q 20/20	(71) Valmet Technologies Oy
(00) Assignment	H04B 1/3816	Neste Oyj
(71) MERCK SHARP & DOHME (UK)	(00) Assignment	(73) Valmet Technologies Oy
LIMITED	(71) BTL Diffusion SARL	Neste Oyj
(73) MERCK SHARP & DOHME (UK)	(73) BTL Diffusion SARL	(11) EP3283603
LIMITED	(11) EP2809990	(00) 07.01.2022
(11) EP1888050	(00) 05.01.2022	(51) C10B 49/22
(00) 05.01.2022	(51) F21S 8/00	C10B 53/02
(51) A61K 31/10	F21S 10/00	C10G 3/00
A61P 35/00	F21W 121/00	C10G 9/32
A61P 35/02	F21V 5/00	C10K 1/02
(00) Assignment	F21Y 115/10	C10K 3/02
(71) Optelec Holding B.V.	(00) Assignment	(00) Assignment
(73) Optelec Holding B.V.	(71) CBAV1 LLC	(71) ARJUNA NATURAL PRIVATE LIMITED
(11) EP2012291	(73) BTL Diffusion SARL	(73) ARJUNA NATURAL PRIVATE LIMITED
(00) 05.01.2022	(11) EP2809990	(11) EP2555787
(51) G09B 21/00	(00) 05.01.2022	(00) 06.01.2022
(00) Merge	(51) F21S 8/00	(51) A61K 36/9066
(71) Thermos L.L.C.	F21S 10/00	(00) Assignment
(73) Thermos L.L.C.	F21W 121/00	(71) Midea Robozone Technology Co., Ltd.
(11) EP2185434	F21V 5/00	(73) Midea Robozone Technology Co., Ltd.
(00) 05.01.2022	F21Y 115/10	(11) EP3112898
(51) A47G 23/02	(00) Assignment	(00) 05.01.2022
A61J 9/08	(71) ICashe, Inc	(51) A47L 9/28
B65D 23/08	(73) ICashe, Inc	A47L 11/40
(00) Merge	(11) EP2681694	G01S 15/93
(71) Optelec Holding B.V.	(00) 05.01.2022	G05D 1/02
(73) Optelec Holding B.V.	(51) G06K 19/07	(00) Assignment
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(00) 05.01.2022	G06K 19/077	(73) Optelec Holding B.V.
	(00) Assignment	(11) EP2300989

(00) 05.01.2022
(51) G06T 3/40
G09B 21/00
G06T 7/60
(00) Merge

(71) Midea Robozone Technology Co., Ltd.
(73) Midea Robozone Technology Co., Ltd.
(11) EP3210516
(00) 05.01.2022
(51) A47L 11/24
(00) Assignment

(71) NVL B.V. & Co. KG
(73) NVL B.V. & Co. KG
(11) EP2738136
(00) 07.01.2022
(51) B63B 27/24
B67D 7/00
B67D 7/04
B67D 7/78
(00) Assignment

(71) Hansella GmbH
(73) Hansella GmbH
(11) EP2898783
(00) 07.01.2022
(51) A21C 3/02
A23G 3/06
A23G 7/00
B21B 1/088
B29C 53/18
B29C 55/18
A23P 10/28
A23P 30/00
(00) Assignment

(71) CloudBlue LLC
(73) CloudBlue LLC
(11) EP3563250
(00) 06.01.2022
(51) G06F 8/36
H04L 29/06
(00) Assignment

(71) TYRECYCLING Kereskedelmi és Szolgáltató Kft.
(73) TYRECYCLING Kereskedelmi és Szolgáltató Kft.
(11) EP2059575
(00) 07.01.2022
(51) C10B 49/04
C10B 53/07
(00) Assignment

(71) Tesla, Inc.
(73) Tesla, Inc.
(11) EP3510660
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