



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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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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BIC: INGBNL2A

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Rubriek NP2 Bevat gegevens betreffende ingeschreven en verleende octrooien op grond van de Octrooiwet 1995.	9 Heading NP2 Contains data concerning Netherlands patents which have been entered in the patent register under the Patents Act 1995.	9
Rubriek NP3 Bevat gegevens betreffende Nederlandse octrooien na gedeeltelijke afstand conform artikel 63 van de Octrooiwet 1995.	10 Heading NP3 Contains data concerning Netherlands patents after partial renunciation confirm Article 63 of the Patents Act 1995.	10
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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	325Heading SPC Contains data concerning applications for- or granted Supplementary Protection Certificates.	325
Rubriek VB1 Bevat gegevens betreffende rechten waarvoor een verzoek of bezwaarschrift is ingediend conform de Octrooiwet 1995.	326Heading VB1 Contains data concerning requests and notices of opposition under the General administrative law.	326
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.	327Heading 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.	327
Rubriek MED Bevat gegevens betreffende overige mededelingen.	329Heading MED Contains data concerning other communications.	329
Rubriek VRV Bevat gegevens betreffende verval of nietigverklaring.	330Heading VRV Contains data concerning lapse or annulment.	330
Rubriek VRB Bevat gegevens betreffende verbeteringen op eerdere publicaties.	364Heading VRB Contains data concerning corrections on earlier publications.	364
Rubriek CO Bevat gegevens betreffende wijzigingen in het octrooiregister.	365Heading CO Contains data concerning changes in the Netherland patent register.	365
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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) Voorrangsgegevens
- (31) Nummer voorrang
- (32) Datum voorrang
- (33) Land van herkomst voorrang
- (34) Oorspronkelijk land van indiening
- (40) Datum van inschrijving
- (41) Datum van inschrijving van een octrooiaanvraag
- (42) Datum van inschrijving van een onderzochte aanvraag (openbaarmaking)
- (43) Datum waarop de aanvraag ter inzage is gelegd

INID CODES

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

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

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

Rubrieken/Headings

NP1

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) A61F 2/76 A61B 5/00 G01N 3/56	(33) Taiwan, Province of China	G03F 1/64
(21) 2022199	(51) B63B 35/30	(21) 2022760
(22) 13.12.2018	E02F 7/04	(22) 19.03.2019
(54) Testing System for Comfort Level of Impact and Wear for Biological Limb Skin	(21) 2021487	(54) Pellicle and Pellicle Assembly
(71) Xihua University	(22) 21.08.2018	(62) 2021084
(74) dr. G. Visser-Luirink	(54) VAARTUIG MET BEUN EN WERKWIJZE VOOR HET VERVANGEN VAN EEN ONDER WATER GELEGEN VERSLETEN AFDICHTING VAN HET BEUN	(71) ASML Netherlands B.V.
(72) Wen Zhong	(71) Baggerwerken Decloedt en Zoon N.V.	(74) ir. A.J. Maas
Lei Ma	(74) ir. P.J. Hylarides c.s.	(72) David Ferdinand Vles
Junfu Zhang	(72) Bart Peter Verboomen	Chaitanya Krishna Ande
Jianping Wu	(31) BE2017/5667	Antonius Franciscus Johannes de Groot
Changcai Duan	(32) 20.09.2017	Adrianus Johannes Maria Giesbers
Yuxiang Xiong	(33) Belgium	Johannes Joseph Janssen
(41) 26.03.2019	(51) E06B 7/09	Paul Janssen
(31) 201810188059.6	E06B 7/096	Johan Hendrik Klootwijk
(32) 07.03.2018	(21) 2022401	Peter Simon Antonius Knapen
(33) China	(22) 15.01.2019	Evgenia Kurganova
(51) A63H 27/10	(54) MOTORIZED SHUTTER ASSEMBLY	Marcel Peter Meijer
(21) 2022198	(62) 2020134	Wouter Rogier Meijerink
(22) 13.12.2018	(71) Hunter Douglas Inc.	Maxim Aleksandrovich Nasalevich
(54) Apparatus for filling containers with liquid and method therefor	(74) ir. J.C. Volmer c.s.	Arnoud Willem Notenboom
(71) Play Fun Toys B.V.	(72) Donald E. Fraser	Raymond Olsman
(74) ir. P.J. Hylarides c.s.	(31) 62/439,527	Hrishikesh Patel
(72) Songqing Chen	(32) 28.12.2016	Mária Péter
(41) 21.03.2019	(33) United States of America	Gerrit van den Bosch
(51) B28B 7/02	(51) E06B 9/56	Wilhelmus Theodorus Anthonius Johannes van den Einden
B28B 3/08	E06B 9/68	Willem Joan van der Zande
(21) 2022388	(21) 2021657	Pieter-Jan van Zwol
(22) 12.01.2019	(22) 18.09.2018	Johannes Petrus Martinus Bernardus Vermeulen
(54) Method for producing brick blanks for masonry bricks, in particular sand-lime bricks	(54) AN ARCHITECTURAL STRUCTURE COVERING HAVING A SPEED REGULATING ASSEMBLY	Willem-Pieter Voorthuijzen
(62) 2018207	(71) Hunter Douglas Inc.	Hendrikus Jan Wondergem
(71) Langenstein & Schemann GmbH	(74) ir. J.C. Volmer c.s.	Alexandar Nikolov Zdravkov
(74) drs. P.A. van Essen c.s.	(72) Stephen P. Smith	(31) 17176205.7
(72) Lothar Bauersachs	Kenneth M. Faller	17190503.7
(31) 10 2016 105 635.9	(31) 62/560814	(32) 15.06.2017
10 2016 113 240.3	(32) 20.09.2017	12.09.2017
(32) 24.03.2016	(33) United States of America	(33) European Patent Office (EPO)
19.07.2016	(51) F04D 7/00	European Patent Office (EPO)
(33) Germany	(21) 2021615	(51) G03F 1/62
Germany	(22) 13.09.2018	G03F 7/20
(51) B62K 23/06	(54) Suction excavator pump transmission, suction excavator and method for operating a suction excavator	G03F 1/22
B62J 1/06	(71) Renk Aktiengesellschaft	(21) 2022101
(21) 2020935	(74) ir. P.J. Hylarides c.s.	(22) 30.11.2018
(22) 15.05.2018	(72) Mohamed Sfar	(54) PELLICLE AND PELLICLE ASSEMBLY
(54) SWITCHING LEVER ON ARCHED HANDLE FOR ADJUSTING HEIGHT OF SEAT TUBE	Uwe Krause	(62) 2020114
(71) Hsin Lung Accessories Co.	Silvia Beinlich	(71) ASML Netherlands B.V.
(74) ir. A.R. Aalbers	Christoph Hesselmann	ASML Holding N.V.
(72) Hsuen-sen Liao	(31) 10 2017 121 860.2	(74) ir. A.J. Maas
(31) 106214088	(32) 21.09.2017	(72) David Ferdinand Vles
(32) 21.09.2017	(33) Germany	Erik Achilles Abegg
	(51) G03F 1/62	Aage Bendiksen
		Derk Servatius Gertruda Brouns
		Paul Janssen
		Maxim Aleksandrovich Nasalevich
		Arnoud Willem Notenboom
		Mária Péter

Marcus Adrianus van de Kerkhof	(21) 2021610
Willem Joan van der Zande	(22) 12.09.2018
Pieter-Jan van Zwol	(54) Radiation Source
Johannes Petrus Martinus Bernardus Vermeulen	(71) ASML Netherlands B.V.
Willem-Pieter Voorthuizen	(74) ir. A.J. Maas
Pradeep Govil	(72) Andrei Mikhailovich Yakunin
James Norman Wiley	Johannes Adrianus Cornelis Maria Pijnenburg
(31) 62/328,291	Christian Gerardus Norbertus Hendricus Marie Cloin
62/365,524	(31) 17192135.6
15200767.0	(32) 20.09.2017
(32) 27.04.2016	(33) European Patent Office (EPO)
22.07.2016	<hr/>
17.12.2015	(51) G03F 7/20
(33) United States of America	(21) 2022635
United States of America	(22) 26.02.2019
European Patent Office (EPO)	(54) Reflector manufacturing method and associated reflector
<hr/>	(71) ASML Netherlands B.V.
(51) G03F 7/20	(74) ir. A.J. Maas
(21) 2021608	(72) Sander Bas Roobol
(22) 12.09.2018	Sietse Thijmen van der Post
(54) Control system for a lithographic apparatus	<hr/>
(71) ASML Netherlands B.V.	(51) G03F 7/20
(74) ir. A.J. Maas	(21) 2021472
(72) Francois Charles Dominique Deneuille	(22) 16.08.2018
Andrey Sergeevich Tychkov	(54) Radiation Source
(31) 17192125.7	(71) ASML Netherlands B.V.
(32) 20.09.2017	(74) ir. A.J. Maas
(33) European Patent Office (EPO)	(72) Rilpho Ludovicus Donker
<hr/>	Han-Kwang Nienhuys
(51) G03F 7/20	(31) 17192117.4
(21) 2021577	(32) 20.09.2017
(22) 07.09.2018	(33) European Patent Office (EPO)
(54) METHODS AND APPARATUSES FOR PROTECTING A SEAL IN A PRESSURE VESSEL OF A PHOTOLITHOGRAPHY SYSTEM	<hr/>
(71) ASML Netherlands B.V.	(51) H04N 7/15
(74) ir. A.J. Maas	H04N 7/14
(72) David Bessems	H04N 21/41
Jon David Tedrow	H04L 29/06
Colin Michael Odneal	H04L 12/18
(31) 15/711,678	(21) 2020379
(32) 21.09.2017	(22) 05.02.2018
(33) United States of America	(54) A communication system and meeting tool for communicating media content from a user, a storage container and a connection unit.
<hr/>	(71) Blue and Red B.V.
(51) G03F 7/20	(74) drs. A.A. Jilderda
(21) 2022671	(72) Ricardo de Vries
(22) 04.03.2019	(41) 21.03.2019
(54) Hollow-core photonic crystal fiber based optical component for broadband radiation generation	<hr/>
(71) ASML Netherlands B.V.	
(74) ir. A.J. Maas	
(72) Patrick Sebastian Uebel	
Sebastian Thomas Bauerschmidt	
Peter Maximilian Götz	
<hr/>	
(51) G03F 7/20	
(21) 2022659	
(22) 01.03.2019	
(54) Alignment method and associated metrology device	
(71) ASML Netherlands B.V.	
(74) ir. A.J. Maas	
(72) Henricus Martinus Johannes van de Groes	
Johannes Hubertus Antonius van de Rijdt	
Marcel Pieter Jacobus Peeters	
Chien-Hung Tseng	
Henricus Petrus Maria Pellemans	
<hr/>	
(51) G03F 7/20	

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) A61F 2/76 A61B 5/00 G01N 3/56	(74) ir. C.M. Jansen c.s. (31) PCT/JP2017/031998 (32) 05.09.2017 (33) Japan
(11) 2022199	(51) H04N 7/15
(47) 26.03.2019	H04N 7/14
(22) 13.12.2018	H04N 21/41
(54) Testing System for Comfort Level of Impact and Wear for Biological Limb Skin	H04L 29/06 H04L 12/18
(73) Xihua University	(11) 2020379
(72) Wen Zhong Lei Ma Junfu Zhang Jianping Wu Changcai Duan Yuxiang Xiong	(47) 21.03.2019 (22) 05.02.2018 (54) A communication system and meeting tool for communicating media content from a user, a storage container and a connection unit.
(74) dr. G. Visser-Luirink	(73) Blue and Red B.V.
(31) 201810188059.6	(72) Ricardo de Vries
(32) 07.03.2018	(74) drs. A.A. Jilderda
(33) China	
(51) A63H 27/10	
(11) 2022198	
(47) 21.03.2019	
(22) 13.12.2018	
(54) Apparatus for filling containers with liquid and method therefor	
(73) Play Fun Toys B.V.	
(72) Songqing Chen	
(74) ir. P.J. Hyalarides c.s.	
(51) H01L 23/31 H01L 23/495 H01L 21/48	
(11) 2020954	
(47) 26.03.2019	
(22) 18.05.2018	
(54) SEMICONDUCTOR DEVICE	
(73) Shindengen Electric Manufacturing Co., Ltd.	
(72) Yoshihiro Kamiyama	
(74) ir. C.M. Jansen c.s.	
(31) PCT/JP2017/031996	
(32) 05.09.2017	
(33) Japan	
(51) H01L 23/495	
(11) 2021120	
(47) 26.03.2019	
(22) 14.06.2018	
(54) SEMICONDUCTOR DEVICE	
(73) Shindengen Electric Manufacturing Co., Ltd.	
(72) Yoshihiro Kamiyama	
(74) ir. C.M. Jansen c.s.	
(31) PCT/JP2017/031997	
(32) 05.09.2017	
(33) Japan	
(51) H01L 23/495	
(11) 2020905	
(47) 27.03.2019	
(22) 09.05.2018	
(54) SEMICONDUCTOR DEVICE	
(73) Shindengen Electric Manufacturing Co., Ltd.	
(72) Yoshihiro Kamiyama	

NP3

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

EP1

Vertaalde conclusies van Europese octrooiaanvragen.

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

EP2

Voor Nederland verleende Europese octrooien.

Contains data concerning European patents granted for The Netherlands.

(51) A01B 63/111	(31) 401682	(22) 22.05.2015
(11) EP3089575	(32) 11.03.2009	(54) INCLINED CONVEYOR ASSEMBLY FOR
(21) EP14877001.9	(33) United States of America	A COMBINE HARVESTER
(47) 27.03.2019	(51) A01D 33/04	(73) Deere & Company
(87) NO2014050244	(11) EP2884832	(72) Rittershofer, Martin
09.07.2015	(21) EP13756817.6	Veit, Philipp
(22) 18.12.2014	(47) 27.03.2019	(31) 102014211783
(54) A DEPTH CONTROLLING BELT	(87) EP2013002447	102015205622
ARRANGEMENT FOR A SOIL WORKING	20.02.2014	(32) 18.06.2014
IMPLEMENT	(22) 13.08.2013	27.03.2015
(73) Kverneland Group Operations Norway AS	(54) SEPARATION SYSTEM FOR A POTATO	(33) Germany
(72) TIME, Eyvind	HARVESTING MACHINE OR A	Germany
(31) 20131747	PREPARATION MACHINE	(51) A01D 87/12
(32) 30.12.2013	(73) Grimme Landmaschinenfabrik GmbH & Co.	A01F 29/00
(33) Norway	KG	B65B 69/00
(51) A01B 69/00	(72) KALVERKAMP, Klemens	(11) EP2830408
A01F 15/08	DETTMER, Franz-Josef	(21) EP13718406.5
(11) EP3189722	DÖHMANN, Christian	(47) 27.03.2019
(21) EP16206635.1	(31) 102012016057	(87) IE2013000010
(47) 27.03.2019	(32) 14.08.2012	03.10.2013
(22) 23.12.2016	(33) Germany	(22) 02.04.2013
(54) AUTOMATED STEERING IN ROUND	(51) A01D 34/67	(54) A BALE SPLITTER AND A METHOD
BALERS	A01D 34/82	FOR SPLITTING A BALE
(73) PÖTTINGER Landtechnik GmbH	(11) EP2774470	(73) McHale Engineering
(72) Baldinger, Markus	(21) EP14158356.7	(72) MCHALE, Padraic Christopher
Precht, Wolfgang	(47) 27.03.2019	MCHALE, Kevin
Preimeß, Hans-Jörg	(22) 07.03.2014	(31) S20120163
(31) 102016000205	(54) Lawnmower	(32) 30.03.2012
(32) 11.01.2016	(73) Castorama France	(33) Ireland
(33) Germany	(72) Gamot, Alban	(51) A01D 90/02
(51) A01C 3/00	Dupont, Eric	A01D 90/12
C02F 11/12	Urvoy, Damien	A01D 43/07
B30B 9/12	(31) 1352105	B60J 7/00
B30B 15/34	201310237656	(11) EP3289853
C05F 3/00	(32) 08.03.2013	(21) EP17188213.7
C02F 11/18	04.06.2013	(47) 27.03.2019
(11) EP3251486	(33) France	(22) 28.08.2017
(21) EP17173758.8	China	(54) METHOD AND CONTROL DEVICE
(47) 27.03.2019	(51) A01D 57/20	FOR OPERATING AN AGRICULTURAL
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METHOD THEREFOR	(32) 04.06.2014	H01L 33/12
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C23C 16/04	(73) Hamilton Sundstrand Corporation	MALEVICH, Dzmitry
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AND BARRIER-FILM FORMING	C12P 3/00	C25D 17/00
METHOD	C01B 3/04	C25D 5/12
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C25F 7/00	PALLADIUM IRON ALLOY COATINGS	C25D 17/04
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C25D 5/18	(73) Ing. W. Garhöfer Gesellschaft mbH	C25D 7/06
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C25D 3/00	ANODIC OXIDATION FOR ALUMINIUM	LU, Yongliang
C25D 3/38	OR ALUMINIUM ALLOY COMPONENT	(31) 201410256940
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(73) LG Display Co., Ltd.	Science and Technology	Sung, Meng-Hsun
(72) BANG, Hyungseok	(72) NAKAJIMA Akira	(31) 88779 P
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(33) United States of America	SEMICONDUCTOR LAYER,	(73) Zeon Corporation
United States of America	POROUS NANOCRYSTALLINE	(72) SONOBE, Kenya
United States of America	SEMICONDUCTOR LAYER, USE	ISSHIKI, Yasuhiro
(51) H01M 2/30	THEREOF, ANODE, AND SECONDARY	SHIBUYA, Masanori
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| (73) Conti Temic microelectronic GmbH | (72) HOSHIKAWA Kazumi
SHIMOSAKA Kenji |
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A01N 43/80	A01P 7/00	Oehlckers, Thorben
A01N 43/653	A01N 43/40	Döring, Sven-Rainer
A01N 41/10	A01N 63/00	(74) J.M.H. Duyver lic.
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COMPRISING AN URACIL COMPOUND	(72) HUNGENBERG, Heike	CONFECTIONERY PRODUCT
AS ACTIVE INGREDIENT	RIECK, Heiko	(73) Roquette Frères
(73) Dongbu Farm Hannong Co., Ltd.	MASTERS, Robert	(72) BUSOLIN, André
(72) KIM, Kyoung Sung	(74) ir. W.J.J.M. Kempes	BARRE, Antoine
CHOI, In Young	(31) 10193335	(74) J.M.H. Duyver lic.
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C07D 401/10	(72) HUNGENBERG, Heike	van Druten, Wiebe Nicolaas
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(33) United States of America	POSITION	LACTOPEROXIDASE FROM MILK
United States of America	(73) Fritsch GmbH	(73) DMK Deutsches Milchkontor GmbH
(47) 28.11.2018	(72) BERNHARDT, Udo	(72) Aschemann, Jan
(51) A01N 47/12	(74) ir. C.M. Jansen c.s.	Döring, Sven-Rainer
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(00) 21.11.2018	(00) 21.11.2018	(00) 21.11.2018
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(11) EP3199712	(11) EP3206386	(11) EP3211414
(00) 21.11.2018	(00) 21.11.2018	(00) 21.11.2018
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(11) EP3199750	(11) EP3206918	(11) EP3211848
(00) 21.11.2018	(00) 21.11.2018	(00) 21.11.2018
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(11) EP3199751	(11) EP3206929	(11) EP3211952
(00) 21.11.2018	(00) 21.11.2018	(00) 21.11.2018
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(11) EP3199752	(11) EP3207228	(11) EP3213130
(00) 21.11.2018	(00) 21.11.2018	(00) 21.11.2018
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(11) EP3200864	(11) EP3207620	(11) EP3213536
(00) 21.11.2018	(00) 21.11.2018	(00) 21.11.2018
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3201119	(11) EP3207747	(11) EP3213625
(00) 21.11.2018	(00) 21.11.2018	(00) 21.11.2018
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3201384	(11) EP3207753	(11) EP3213933
(00) 21.11.2018	(00) 21.11.2018	(00) 21.11.2018
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3201427	(11) EP3208091	(11) EP3214048
(00) 21.11.2018	(00) 21.11.2018	(00) 21.11.2018
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3202133	(11) EP3208135	(11) EP3214183
(00) 21.11.2018	(00) 21.11.2018	(00) 21.11.2018
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3202437	(11) EP3208439	(11) EP3214325
(00) 21.11.2018	(00) 21.11.2018	(00) 21.11.2018
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3202518	(11) EP3208533	(11) EP3214400
(00) 21.11.2018	(00) 21.11.2018	(00) 21.11.2018
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3202576	(11) EP3208666	(11) EP3215099
(00) 21.11.2018	(00) 21.11.2018	(00) 21.11.2018
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(11) EP3203137	(11) EP3208820	(11) EP3215324
(00) 21.11.2018	(00) 21.11.2018	(00) 21.11.2018
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(11) EP3203284	(11) EP3208873	(11) EP3215514
(00) 21.11.2018	(00) 21.11.2018	(00) 21.11.2018

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(11) EP3215797	(11) EP3223167	(11) EP3228154
(00) 21.11.2018	(00) 21.11.2018	(00) 21.11.2018
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(11) EP3216424	(11) EP3223450	(11) EP3228402
(00) 21.11.2018	(00) 21.11.2018	(00) 21.11.2018
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(11) EP3216433	(11) EP3223451	(11) EP3228461
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(11) EP3216618	(11) EP3223497	(11) EP3228491
(00) 21.11.2018	(00) 21.11.2018	(00) 21.11.2018
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(11) EP3216707	(11) EP3224199	(11) EP3228504
(00) 21.11.2018	(00) 21.11.2018	(00) 21.11.2018
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(11) EP3216924	(11) EP3224395	(11) EP3228808
(00) 21.11.2018	(00) 21.11.2018	(00) 21.11.2018
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(11) EP3217004	(11) EP3224408	(11) EP3228994
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(11) EP3217399	(11) EP3225120	(11) EP3229035
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(11) EP3217616	(11) EP3225326	(11) EP3229549
(00) 21.11.2018	(00) 21.11.2018	(00) 21.11.2018
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(11) EP3218274	(11) EP3225402	(11) EP3230526
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(11) EP3218689	(11) EP3225419	(11) EP3230602
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(11) EP3220012	(11) EP3225921	(11) EP3231646
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(11) EP3220475	(11) EP3225956	(11) EP3231831
(00) 21.11.2018	(00) 21.11.2018	(00) 21.11.2018
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(11) EP3221848	(11) EP3225957	(11) EP3232219
(00) 21.11.2018	(00) 21.11.2018	(00) 21.11.2018
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(11) EP3222317	(11) EP3226027	(11) EP3233186
(00) 21.11.2018	(00) 21.11.2018	(00) 21.11.2018
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(11) EP3222367	(11) EP3226148	(11) EP3233385
(00) 21.11.2018	(00) 21.11.2018	(00) 21.11.2018
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(11) EP3222405	(11) EP3226695	(11) EP3233511
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(11) EP3222485	(11) EP3227105	(11) EP3233535
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(11) EP3222510	(11) EP3227290	(11) EP3233536
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(11) EP3222535	(11) EP3227486	(11) EP3233568
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(11) EP3222536	(11) EP3227588	(11) EP3233571
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(11) EP3222875	(11) EP3227898	(11) EP3233580
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(11) EP3254491	(11) EP3263770	(11) EP3275141
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(11) EP3254746	(11) EP3263775	(11) EP3275142
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(11) EP3255173	(11) EP3265643	(11) EP3276400
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(11) EP3256191	(11) EP3266277	(11) EP3282177
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(11) EP3256272	(11) EP3266484	(11) EP3286879
(00) 21.11.2018	(00) 21.11.2018	(00) 21.11.2018
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(11) EP3256640	(11) EP3267159	(11) EP3286881
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(11) EP3257069	(11) EP3268262	(11) EP3289318
(00) 21.11.2018	(00) 21.11.2018	(00) 21.11.2018
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(11) EP3257550	(11) EP3269074	(11) EP3289923
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(11) EP3258293	(11) EP3269650	(11) EP3292949
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(11) EP3258786	(11) EP3269874	(11) EP3293060
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(11) EP3259120	(11) EP3269943	(11) EP3293496
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(11) EP3259172	(11) EP3270150	(11) EP3293498
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(11) EP3259608	(11) EP3270760	(11) EP3300337
(00) 21.11.2018	(00) 21.11.2018	(00) 21.11.2018
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(11) EP3260015	(11) EP3271503	(11) EP3301873
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(11) EP3260158	(11) EP3271671	(11) EP3304506
(00) 21.11.2018	(00) 21.11.2018	(00) 21.11.2018
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(11) EP3260885	(11) EP3271931	(11) EP3305016
(00) 21.11.2018	(00) 21.11.2018	(00) 21.11.2018
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(11) EP3261778	(11) EP3271963	(11) EP3305391
(00) 21.11.2018	(00) 21.11.2018	(00) 21.11.2018
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(11) EP3262089	(11) EP3272494	(11) EP3313740
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(11) EP3262128	(11) EP3272789	(11) EP3316765
(00) 21.11.2018	(00) 21.11.2018	(00) 21.11.2018
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(11) EP3262266	(11) EP3272943	(11) EP3320134
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(11) EP3262981	(11) EP3274975	(11) EP3320258
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(11) EP3263059	(11) EP3275064	(11) EP3322476
(00) 21.11.2018	(00) 21.11.2018	(00) 21.11.2018

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(11) EP3325083
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(11) EP3326694
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(11) EP3329105
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(11) EP3333436
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(11) EP3340542
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(11) EP3343287
(00) 21.11.2018
(00) EPV Ceased Effect

(11) EP3344500
(00) 21.11.2018
(00) EPV Ceased Effect

VRB

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

- (11) EP3010995
 - (00) 13.02.2019
 - (00) Suspension (Rule 14)
 - (51) C10G 33/00
 - C10G 3/00
 - C11B 3/00
 - C11B 3/04
 - C11B 3/12
 - C11B 3/16
 - C11C 3/00
 - C11C 3/10
 - B01D 21/26
 - B03D 1/14
 - C10L 1/02
 - C07C 67/03
 - C07C 67/08
 - C07C 67/58
-

CO

Ingeschreven overdrachten.

Contains data concerning registered assignments or change of owners.

(71) CHEP UK Limited	(11) EP1610780	(00) 10.01.2019
(73) CHEP UK Limited	(00) 10.01.2019	(51) C07D 471/04
(11) EP2886917	(51) A61K 31/427	A61K 31/437
(00) 10.01.2019	A61K 31/506	A61P 7/02
(51) F16K 31/46	A61P 35/02	C07D 413/14
F16K 31/53	(00) Change of owner(s) name	(00) Change of owner(s) name
F16K 31/54	(71) BRISTOL-MYERS SQUIBB HOLDINGS	(71) ENGIE
F16K 31/60	IRELAND UNLIMITED COMPANY	(73) ENGIE
B65D 25/52	(73) BRISTOL-MYERS SQUIBB HOLDINGS	(11) EP1564475
B65D 19/06	IRELAND UNLIMITED COMPANY	(00) 20.03.2019
B65D 77/06	(11) EP1505963	(51) F16L 55/027
B65D 77/04	(00) 10.01.2019	(00) Change of owner(s) name
(00) Assignment	(51) A61P 31/14	(71) BRISTOL-MYERS SQUIBB HOLDINGS
(71) Avago Technologies International Sales Pte. Limited	A61K 31/40	IRELAND UNLIMITED COMPANY
(73) Avago Technologies International Sales Pte. Limited	C07D 207/27	(73) BRISTOL-MYERS SQUIBB HOLDINGS
(11) EP2816617	C07D 207/452	IRELAND UNLIMITED COMPANY
(00) 10.01.2019	C07D 295/00	(11) EP1267880
(51) H01L 33/10	(00) Change of owner(s) name	(00) 10.01.2019
H01L 33/20	(71) BRISTOL-MYERS SQUIBB HOLDINGS	(51) A61K 31/52
H01L 33/46	IRELAND UNLIMITED COMPANY	A61K 9/14
(00) Merge	(73) BRISTOL-MYERS SQUIBB HOLDINGS	A61P 31/12
(71) Shanghai Hongyan Returnable Transit Packagings Co., Ltd.	IRELAND UNLIMITED COMPANY	(00) Change of owner(s) name
CHEP UK Limited	(11) 300713	(71) GRTgaz
(73) Shanghai Hongyan Returnable Transit Packagings Co., Ltd.	(00) 10.01.2019	(73) GRTgaz
CHEP UK Limited	(00) Change of owner(s) name	(11) EP1564475
(11) EP2886919	(71) BRISTOL-MYERS SQUIBB HOLDINGS	(00) 20.03.2019
(00) 09.01.2019	IRELAND UNLIMITED COMPANY	(51) F16L 55/027
(51) F16K 31/60	(73) BRISTOL-MYERS SQUIBB HOLDINGS	(00) Assignment
F16K 31/44	IRELAND UNLIMITED COMPANY	(71) GRTgaz
B65D 25/52	(11) EP2024375	(73) GRTgaz
F16K 31/46	(00) 10.01.2019	(11) EP1963730
B65D 77/06	(51) C07D 519/00	(00) 20.03.2019
B65D 19/06	A61P 31/12	(51) F16L 41/06
(00) Assignment	A61K 31/55	(00) Assignment
(71) Mallinckrodt Hospital Products IP Limited	(00) Change of owner(s) name	(71) BRISTOL-MYERS SQUIBB HOLDINGS
(73) Mallinckrodt Hospital Products IP Limited	(71) ENGIE	IRELAND UNLIMITED COMPANY
(11) EP1984052	(73) ENGIE	(73) BRISTOL-MYERS SQUIBB HOLDINGS
(00) 10.01.2019	(11) EP2123962	IRELAND UNLIMITED COMPANY
(51) A61M 16/10	(00) 20.03.2019	(11) EP2049522
A61K 33/00	(51) F16L 55/128	(00) 10.01.2019
C01B 21/24	F16L 55/46	(51) C07D 401/14
A61M 16/00	(00) Change of owner(s) name	C07D 403/14
(00) Assignment	(71) ENGIE	A61P 31/12
(71) BenevolentAI Cambridge Limited	(73) ENGIE	A61K 31/4025
(73) BenevolentAI Cambridge Limited	(11) EP2149002	A61K 31/4178
(11) EP2334672	(00) 20.03.2019	(00) Change of owner(s) name
(00) 07.01.2019	(51) F16K 17/30	(71) BRISTOL-MYERS SQUIBB HOLDINGS
(51) C07D 471/04	F16L 55/10	IRELAND UNLIMITED COMPANY
A61K 31/4355	F16L 55/136	(73) BRISTOL-MYERS SQUIBB HOLDINGS
A61K 31/444	(00) Change of owner(s) name	IRELAND UNLIMITED COMPANY
A61K 31/4995	(71) GRTgaz	(11) EP1711481
A61P 29/00	(73) GRTgaz	(00) 10.01.2019
(00) Change of owner(s) name	(11) EP2123965	(51) A61K 31/506
(71) BRISTOL-MYERS SQUIBB HOLDINGS	(00) 20.03.2019	(00) Change of owner(s) name
IRELAND UNLIMITED COMPANY	(51) F16L 55/46	(71) BRISTOL-MYERS SQUIBB HOLDINGS
(73) BRISTOL-MYERS SQUIBB HOLDINGS	(00) Assignment	IRELAND UNLIMITED COMPANY
IRELAND UNLIMITED COMPANY	(71) BRISTOL-MYERS SQUIBB HOLDINGS	(73) BRISTOL-MYERS SQUIBB HOLDINGS
(73) BRISTOL-MYERS SQUIBB HOLDINGS	IRELAND UNLIMITED COMPANY	IRELAND UNLIMITED COMPANY
IRELAND UNLIMITED COMPANY	(73) BRISTOL-MYERS SQUIBB HOLDINGS	(11) EP2178863
	IRELAND UNLIMITED COMPANY	(00) 10.01.2019
	(11) EP1427415	(51) C07D 403/14

(00) Change of owner(s) name	B05B 1/30	(11) EP1885339
(71) ENGIE	B05B 12/04	(00) 10.01.2019
(73) ENGIE	B05B 12/12	(51) A61K 9/16
(11) EP2123965	B01F 5/04	A61K 9/20
(00) 20.03.2019	B01F 15/00	A61K 9/28
(51) F16L 55/46	B05B 7/00	A61K 31/506
(00) Change of owner(s) name	C10L 3/00	(00) Change of owner(s) name
(71) GRTgaz	(00) Assignment	(71) BRISTOL-MYERS SQUIBB HOLDINGS
(73) GRTgaz	(71) BRISTOL-MYERS SQUIBB HOLDINGS	IRELAND UNLIMITED COMPANY
(11) EP2308619	(73) BRISTOL-MYERS SQUIBB HOLDINGS	(73) BRISTOL-MYERS SQUIBB HOLDINGS
(00) 20.03.2019	IRELAND UNLIMITED COMPANY	IRELAND UNLIMITED COMPANY
(51) B23B 5/16	(11) EP2784075	(11) EP1140941
B23B 3/24	(00) 10.01.2019	(00) 10.01.2019
(00) Assignment	(00) 10.01.2019	(51) C07D 487/04
(71) BRISTOL-MYERS SQUIBB HOLDINGS	(51) C07D 401/14	C07D 471/04
IRELAND UNLIMITED COMPANY	C07D 403/14	A61K 31/415
(73) BRISTOL-MYERS SQUIBB HOLDINGS	A61P 31/12	A61K 31/44
IRELAND UNLIMITED COMPANY	A61K 31/4025	A61K 31/505
(11) EP3054926	A61K 31/4178	A61K 31/55
(00) 10.01.2019	(00) Change of owner(s) name	A61P 7/02
(51) A61K 9/24	(71) BRISTOL-MYERS SQUIBB HOLDINGS	C07D 239/00
(00) Change of owner(s) name	IRELAND UNLIMITED COMPANY	C07D 237/00
(71) GRTgaz	(73) BRISTOL-MYERS SQUIBB HOLDINGS	C07D 231/00
(73) GRTgaz	IRELAND UNLIMITED COMPANY	(00) Change of owner(s) name
(11) EP2149002	(11) EP1309535	(71) ENGIE
(00) 20.03.2019	(00) 10.01.2019	(73) ENGIE
(51) F16K 17/30	(51) C07C 45/61	(11) EP2308619
F16L 55/10	C07D 301/00	(00) 20.03.2019
F16L 55/136	C07D 301/24	(51) B23B 5/16
(00) Assignment	(00) Change of owner(s) name	B23B 3/24
(71) BRISTOL-MYERS SQUIBB HOLDINGS	(71) ENGIE	(00) Change of owner(s) name
IRELAND UNLIMITED COMPANY	(73) ENGIE	(71) GRTgaz
(73) BRISTOL-MYERS SQUIBB HOLDINGS	(11) EP1963730	(73) GRTgaz
IRELAND UNLIMITED COMPANY	(00) 20.03.2019	(11) EP2380646
(11) EP2231639	(51) F16L 41/06	(00) 20.03.2019
(00) 10.01.2019	(00) Change of owner(s) name	(51) B01D 19/00
(51) C07D 401/12	(71) BRISTOL-MYERS SQUIBB HOLDINGS	G01N 1/10
A61K 31/44	IRELAND UNLIMITED COMPANY	G01N 1/22
A61P 31/14	(73) BRISTOL-MYERS SQUIBB HOLDINGS	G01N 1/40
(00) Change of owner(s) name	IRELAND UNLIMITED COMPANY	(00) Assignment
(71) BRISTOL-MYERS SQUIBB HOLDINGS	(11) 300500	(71) AREVA GmbH
IRELAND UNLIMITED COMPANY	(00) 10.01.2019	(73) Framatome GmbH
(73) BRISTOL-MYERS SQUIBB HOLDINGS	(00) Change of owner(s) name	(11) EP1606825
IRELAND UNLIMITED COMPANY	(71) GRTgaz	(00) 11.01.2019
(11) EP3042901	(73) GRTgaz	(51) G21C 5/00
(00) 10.01.2019	(11) EP2123962	(00) Change of owner(s) name
(51) C07D 401/14	(00) 20.03.2019	(71) AREVA GmbH
C07D 403/14	(51) F16L 55/128	(73) Framatome GmbH
A61P 31/12	F16L 55/46	(11) EP1784602
A61K 31/4025	(00) Assignment	(00) 11.01.2019
A61K 31/4178	(71) Pfizer Inc.	(51) F17D 5/02
(00) Change of owner(s) name	BRISTOL-MYERS SQUIBB HOLDINGS	F17D 5/04
(71) BRISTOL-MYERS SQUIBB HOLDINGS	IRELAND UNLIMITED COMPANY	F17D 5/06
IRELAND UNLIMITED COMPANY	(73) Pfizer Inc.	(00) Change of owner(s) name
(73) BRISTOL-MYERS SQUIBB HOLDINGS	BRISTOL-MYERS SQUIBB HOLDINGS	(71) Framatome GmbH
IRELAND UNLIMITED COMPANY	IRELAND UNLIMITED COMPANY	(73) Framatome GmbH
(11) EP2846780	(11) EP2538925	(11) EP1600982
(00) 10.01.2019	(00) 10.01.2019	(00) 11.01.2019
(51) A61K 9/48	(51) A61K 9/28	(51) G21C 3/06
A61K 31/4709	A61K 9/48	(00) Assignment
A61P 31/14	A61K 31/437	(71) Array Biopharma, Inc.
(00) Change of owner(s) name	A61P 7/02	(73) Array Biopharma, Inc.
(71) GRTgaz	(00) Change of owner(s) name	(11) EP2470526
(73) GRTgaz	(71) BRISTOL-MYERS SQUIBB HOLDINGS	(00) 15.03.2019
(11) EP3007810	IRELAND UNLIMITED COMPANY	(51) C07D 401/14
(00) 20.03.2019	(73) BRISTOL-MYERS SQUIBB HOLDINGS	C07D 403/04
(51) B01F 3/04	IRELAND UNLIMITED COMPANY	A61K 31/506

A61P 35/00	(00) Assignment
(00) Assignment	(71) AREVA GmbH
(71) Johanson 3 Ltd	(73) Framatome GmbH
(73) Johanson 3 Ltd	(11) EP1600982
(11) EP2969720	(00) 11.01.2019
(00) 15.01.2019	(51) G21C 3/06
(51) B62H 1/04	(00) Change of owner(s) name
B62H 1/12	(71) Bühler Insect Technology Solutions AG
B62K 3/00	(73) Bühler Insect Technology Solutions AG
B62K 5/02	(11) EP2863762
B62K 5/025	(00) 15.01.2019
B62K 15/00	(51) A23J 3/00
(00) Assignment	A23L 33/00
(71) Framatome GmbH	A61K 35/02
(73) Framatome GmbH	A23J 3/34
(11) EP1606825	(00) Assignment
(00) 11.01.2019	(71) Johanson 3 Ltd
(51) G21C 5/00	(73) Johanson 3 Ltd
(00) Assignment	(11) EP2969723
(71) D.T.A. SRL	(00) 15.01.2019
(73) D.T.A. SRL	(51) B62K 5/02
(11) EP2526067	B62K 5/10
(00) 11.01.2019	B62J 25/00
(51) C02F 9/14	B62J 1/28
C02F 3/12	B62K 5/06
C02F 3/26	B62K 3/00
C02F 1/44	B62J 1/00
C02F 1/52	(00) Assignment
C02F 1/72	(71) Steinhardt GmbH
(00) Assignment	(73) Steinhardt GmbH
(71) Johanson 3 Ltd	(11) EP1957720
(73) Johanson 3 Ltd	(00) 11.01.2019
(11) EP2969721	(51) E03B 3/03
(00) 15.01.2019	(00) Assignment
(51) B62J 1/08	(71) Novartis AG
B62J 7/02	(73) Array Biopharma, Inc.
B62J 11/00	(11) EP2470526
B62K 3/00	(00) 15.03.2019
B62K 5/02	(51) C07D 401/14
B62K 7/04	C07D 403/04
B62K 15/00	A61K 31/506
B62K 5/025	A61P 35/00
(00) Assignment	(00) Assignment
(71) Framatome GmbH	(71) Biowa, Inc.
(73) Framatome GmbH	AstraZeneca AB
(11) EP1784602	(73) Biowa, Inc.
(00) 11.01.2019	AstraZeneca AB
(51) F17D 5/02	(11) EP2068927
F17D 5/04	(00) 16.01.2019
F17D 5/06	(51) A61K 39/395
(00) Assignment	C07K 16/28
(71) Novartis International Pharmaceutical Ltd.	(00) Assignment
Novartis AG	
(73) Array Biopharma, Inc.	
(11) EP2470526	
(00) 15.03.2019	
(51) C07D 401/14	
C07D 403/04	
A61K 31/506	
A61P 35/00	
(00) Merge	
(71) Enzymicals AG	
(73) Enzymicals AG	
(11) EP2963112	
(00) 16.01.2019	
(51) C12N 9/14	
C12N 9/88	

TVH

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