

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7146177

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	GILEAD PHARMASSET LLC	10/20/2021
RECEIVING PARTY DATA		
Name:	GILEAD SCIENCES, INC.	
Street Address:	333 LAKESIDE DRIVE	
City:	FOSTER CITY	
State/Country:	CALIFORNIA	
Postal Code:	94404	
PROPERTY NUMBERS Total: 2		
Property Type	Number	
Patent Number:	8173621	
Patent Number:	8759510	
CORRESPONDENCE DATA		
Fax Number:		
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>		
Email:	SVIPdocketing@sheppardmullin.com, JLaluces@sheppardmullin.com	
Correspondent Name:	SHEPPARD MULLIN RICHTER & HAMPTON LLP	
Address Line 1:	650 TOWN CENTER DRIVE, 10TH FLOOR	
Address Line 4:	COSTA MESA, CALIFORNIA 92626	
ATTORNEY DOCKET NUMBER:	37JD-191633-US2	
NAME OF SUBMITTER:	LORNA L. TANNER	
SIGNATURE:	/Lorna L. Tanner/	
DATE SIGNED:	01/28/2022	
Total Attachments: 77		
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PATENT ASSIGNMENT - WORLDWIDE

WHEREAS Gilead Pharmasset LLC, a Limited Liability Company organized and existing under the laws of the State of Delaware, having a place of business at 333 Lakeside Drive, Foster City, California 94404, U.S.A. (hereinafter referred to as "Assignor") is the owner of the right, title, and interest in and to the inventions (as owned by Assignor) relating to the GS-7977 compound (sofosbuvir), GS-5885 compound (ledipasvir), the GS-5816 compound (velpatasvir), and GS-9857 compound (voxilaprevir), including the use of the sofosbuvir, ledipasvir, velpatasvir, and voxilaprevir (or their derivatives) in stand-alone form or in combination with other compounds and disclosed and described in the patents and patent applications, including but not limited to, those listed in Exhibit A (hereinafter referred to as "Inventions");

WHEREAS Gilead Sciences, Inc., organized and existing under the laws of the State of Delaware, having a place of business at 333 Lakeside Drive, Foster City, California 94404, U.S.A. (hereinafter referred to as "Assignee") is desirous of acquiring the full and exclusive right, title and interest in and to said Inventions;

NOW, THEREFORE, to all whom it may concern, be it known that for good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have assigned, and hereby confirm by these presents do assign unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned Inventions; and in and to any and all priority applications, direct and indirect divisions, continuations, continuations-in-part, and continuing applications thereof, and to any and all Letters Patent in the United States which may be granted therefore and thereon, and inter partes reviews, post grant reviews, reissues, reexaminations and extensions of said Letters Patent, and international applications and patents that derive therefrom, including all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

GILEAD PHARMASSET LLC

Date: October 20, 2021

By: Brett Pletcher

By: Gilead Biopharmaceuticals US LLC

Its: Sole Member

Name: Brett Pletcher

Title: Secretary

Accepted by:

GILEAD SCIENCES, INC.

Date: 10-21-21

By: Christina Carlson

Name: Christina Carlson

Title: Assistant Secretary

CALIFORNIA ACKNOWLEDGMENT

CIVIL CODE § 1189

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California }

County of San Mateo }

On October 20, 2021 before me, Patricia Oto, Notary Public

Date

Here Insert Name and Title of the Officer

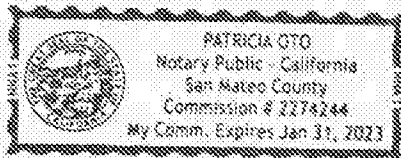
personally appeared Brett Pletcher

Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Place Notary Seal and/or Stamp Above

Signature _____

Signature of Notary Public

OPTIONAL

Completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached Document

Title or Type of Document: _____

Document Date: _____ Number of Pages: _____

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____

☐ Corporate Officer – Title(s): _____

☐ Partner – ☐ Limited ☐ General

☐ Individual ☐ Attorney in Fact

☐ Trustee ☐ Guardian or Conservator

☐ Other: _____

Signer is Representing: _____

Signer's Name: _____

☐ Corporate Officer – Title(s): _____

☐ Partner – ☐ Limited ☐ General

☐ Individual ☐ Attorney in Fact

☐ Trustee ☐ Guardian or Conservator

☐ Other: _____

Signer is Representing: _____

ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California
County of San Mateo

On October 21, 2021 before me, Kristen Proctor Olazabal, Notary Public
(insert name and title of the officer)

personally appeared Christina Carlson
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

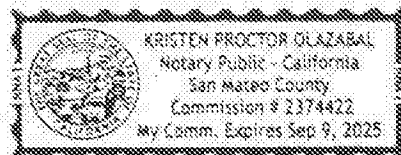
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature

Kristen J. Olazabal

(Seal)



PATENT

REEL: 058890 FRAME: 0557

Exhibit A

Country	Application Number	Filing Date	Patent Number	Grant Date
Armenia	201492002	15 May 2013	028026	29 Sep 2017
Austria	13726936.1	15 May 2013	2850085	15 Mar 2017
Austria	17160683.3	15 May 2013	3239153	08 May 2019
Australia	2013262874	15 May 2013	2013262874	15 Feb 2018
Azerbaijan	201492002	15 May 2013	028026	29 Sep 2017
Belgium	13726936.1	15 May 2013	2850085	15 Mar 2017
Belgium	17160683.3	15 May 2013	3239153	08 May 2019
Brazil	1120140282218	15 May 2013		
Belarus	201492002	15 May 2013	028026	29 Sep 2017
Canada	2873485	15 May 2013	2873485	05 May 2020
Switzerland	13726936.1	15 May 2013	2850085	15 Mar 2017
Switzerland	17160683.3	15 May 2013	3239153	08 May 2019
China	201380029171.0	15 May 2013	ZL201380029171.0	26 Oct 2016
China	201610856469.4	15 May 2013	ZL201610856469.4	28 Dec 2018
China	201811468769.0	15 May 2013		
Czech Republic	13726936.1	15 May 2013	2850085	15 Mar 2017
Czech Republic	17160683.3	15 May 2013	3239153	08 May 2019
Germany	13726936.1	15 May 2013	2850085	15 Mar 2017
Germany	17160683.3	15 May 2013	3239153	08 May 2019
Eurasian Procedure	201492002	15 May 2013	028026	29 Sep 2017
Eurasian Procedure	201790963	15 May 2013	201790963	16 Mar 2020
European Procedure (Patents)	13726936.1	15 May 2013	2850085	15 Mar 2017
European Procedure (Patents)	17160683.3	15 May 2013	3239153	08 May 2019
Spain	13726936.1	15 May 2013	2850085	15 Mar 2017
Spain	17160683.3	15 May 2013	3239153	08 May 2019
France	13726936.1	15 May 2013	2850085	15 Mar 2017
France	17160683.3	15 May 2013	3239153	08 May 2019
United Kingdom	13726936.1	15 May 2013	2850085	15 Mar 2017
United Kingdom	17160683.3	15 May 2013	3239153	08 May 2019

Country	Application Number	Filing Date	Patent Number	Grant Date
Greece	13726936.1	15 May 2013	2850085	15 Mar 2017
Greece	17160683.3	15 May 2013	3239153	08 May 2019
Hong Kong	17108414.2	15 May 2013	1234741	11 Oct 2019
Hong Kong	19133607.2	15 May 2013		
Hong Kong	15105957.3	15 May 2013	1205126	29 Dec 2017
Hong Kong	18104656.7	15 May 2013	1245262	10 Jan 2020
Ireland	13726936.1	15 May 2013	2850085	15 Mar 2017
Ireland	17160683.3	15 May 2013	3239153	08 May 2019
Israel	235645	15 May 2013	235645	21 Dec 2018
India	2459/MUMNP/2014	15 May 2013	330966	31 Jan 2020
Italy	13726936.1	15 May 2013	2850085	15 Mar 2017
Italy	17160683.3	15 May 2013	3239153	08 May 2019
Japan	2015-512796	15 May 2013	6209209	15 Sep 2017
Japan	2017-124206	15 May 2013	6408656	28 Sep 2018
Kyrgyzstan	201492002	15 May 2013	028026	29 Sep 2017
South Korea / Republic of Korea	10-2014-7034784	15 May 2013	10-2078233	11 Feb 2020
Kazakhstan	201492002	15 May 2013	028026	29 Sep 2017
Macao	J/002465	15 May 2013	J/002465	04 May 2017
Macao	J/003621	15 May 2013	J/003621	27 May 2019
Mexico	MX/a/2014/013660	15 May 2013	362060	07 Jan 2019
Netherlands	13726936.1	15 May 2013	2850085	15 Mar 2017
Netherlands	17160683.3	15 May 2013	3239153	08 May 2019
Norway	13726936.1	15 May 2013	2850085	15 Mar 2017
Norway	17160683.3	15 May 2013	3239153	08 May 2019
New Zealand	702177	15 May 2013	702177	24 Mar 2017
New Zealand	725365	15 May 2013	725365	28 Aug 2018
Poland	13726936.1	15 May 2013	2850085	15 Mar 2017
Poland	17160683.3	15 May 2013	3239153	08 May 2019
Portugal	13726936.1	15 May 2013	2850085	15 Mar 2017
Portugal	17160683.3	15 May 2013	3239153	08 May 2019

Country	Application Number	Filing Date	Patent Number	Grant Date
Russian Federation	201492002	15 May 2013	028026	29 Sep 2017
Sweden	13726936.1	15 May 2013	2850085	15 Mar 2017
Sweden	17160683.3	15 May 2013	3239153	08 May 2019
Singapore	11201407533S	15 May 2013	11201407533S	25 May 2017
Singapore	10201703451R	15 May 2013		
Slovenia	13726936.1	15 May 2013	2850085	15 Mar 2017
Slovenia	17160683.3	15 May 2013	3239153	08 May 2019
Slovakia	13726936.1	15 May 2013	2850085	15 Mar 2017
Slovakia	17160683.3	15 May 2013	3239153	08 May 2019
Tajikistan	201492002	15 May 2013	028026	29 Sep 2017
Turkmenistan	201492002	15 May 2013	028026	29 Sep 2017
Turkey	13726936.1	15 May 2013	2850085	15 Mar 2017
Turkey	17160683.3	15 May 2013	3239153	08 May 2019
United States Of America	61/647966	16 May 2012		
United States Of America	14/925203	28 Oct 2015	9682989	20 Jun 2017
United States Of America	16/209860	04 Dec 2018	10800789	13 Oct 2020
WIPO	US2013/041201	15 May 2013		
Switzerland	14824322.3	18 Dec 2014	3087086	07 Nov 2018
Germany	14824322.3	18 Dec 2014	3087086	07 Nov 2018
European Procedure (Patents)	14824322.3	18 Dec 2014	3087086	07 Nov 2018
Spain	14824322.3	18 Dec 2014	3087086	07 Nov 2018
France	14824322.3	18 Dec 2014	3087086	07 Nov 2018
United Kingdom	14824322.3	18 Dec 2014	3087086	07 Nov 2018
Netherlands	14824322.3	18 Dec 2014	3087086	07 Nov 2018
Portugal	14824322.3	18 Dec 2014	3087086	07 Nov 2018
Austria	14822040.3	18 Dec 2014	3087085	20 Feb 2019
Belgium	14822040.3	18 Dec 2014	3087085	20 Feb 2019
Switzerland	14822040.3	18 Dec 2014	3087085	20 Feb 2019
China	201480070017.2	18 Dec 2014	ZL201480070017.2	31 Mar 2020

Country	Application Number	Filing Date	Patent Number	Grant Date
China	202010152008.5	18 Dec 2014		
Czech Republic	14822040.3	18 Dec 2014	3087085	20 Feb 2019
Germany	14822040.3	18 Dec 2014	3087085	20 Feb 2019
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France	14822040.3	18 Dec 2014	3087085	20 Feb 2019
Greece	14822040.3	18 Dec 2014	3087085	20 Feb 2019
Hong Kong	16110589.8	18 Dec 2014	1222401B	11 Dec 2020
Hong Kong	42020013498.9	18 Dec 2014		
Hong Kong	17104002.9	18 Dec 2014	1230216	08 Nov 2019
India	201627021364	18 Dec 2014	336920	15 May 2020
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Japan	2016-541595	18 Dec 2014	6425727	02 Nov 2018
South Korea / Republic of Korea	10-2016-7016776	18 Dec 2014		
Macao	J/004153	18 Dec 2014	J/004153	29 Jun 2020
Netherlands	14822040.3	18 Dec 2014	3087085	20 Feb 2019
Norway	14822040.3	18 Dec 2014	3087085	20 Feb 2019
Portugal	14822040.3	18 Dec 2014	3087085	20 Feb 2019
Slovenia	14822040.3	18 Dec 2014	3087085	20 Feb 2019
Slovakia	14822040.3	18 Dec 2014	3087085	20 Feb 2019
Turkey	14822040.3	18 Dec 2014	3087085	20 Feb 2019
Taiwan	103144804	22 Dec 2014	1671292	11 Sep 2019
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United States Of America	14/576143	18 Dec 2014	9440991	13 Sep 2016
United States Of America	15/227527	03 Aug 2016	10030033	24 Jul 2018
United States Of America	15/611603	01 Jun 2017	10912814	09 Feb 2021
United States Of America	16/306424	30 Nov 2018		
WIPO	US2017/035539	01 Jun 2017		
Anguilla	AI/A/17/00213	12 May 2010	AI/A/2017/00213	01 Dec 2017

Country	Application Number	Filing Date	Patent Number	Grant Date
Albania	10720970.2	12 May 2010	2430014	19 Aug 2015
Albania	14175539.7	12 May 2010	2873665	06 Jul 2016
Albania	15180635.3	12 May 2010	3002281	13 Sep 2017
Albania	AL/2016-000054	12 May 2010		
Armenia	201190259	12 May 2010	021974	30 Oct 2015
Armenia	201490854	12 May 2010	026536	28 Apr 2017
Armenia	201590073	12 May 2010	027493	31 Jul 2017
Armenia	201790515	12 May 2010	037281	04 Mar 2021
ARIPO	AP/P/2011/005987	12 May 2010	AP3622	02 Mar 2016
ARIPO	AP/P/2016/008993	12 May 2010	AP5317	30 Oct 2020
Austria	10720970.2	12 May 2010	2430014	19 Aug 2015
Austria	14175539.7	12 May 2010	2873665	06 Jul 2016
Austria	15180635.3	12 May 2010	3002281	13 Sep 2017
Austria	17190692.8	12 May 2010	3309157	04 Sep 2019
Austria	SZ 4/2016	28 Jan 2016	SZ 4/2016	15 Nov 2018
Austria	AOF2750/2020	29 Dec 2020		
Australia	2010249043	12 May 2010	2010249043	22 Jan 2015
Australia	2013202666	12 May 2010	2013202666	29 Oct 2015
Australia	2014203349	12 May 2010	2014203349	12 Mar 2015
Azerbaijan	201190259	12 May 2010	021974	30 Oct 2015
Azerbaijan	201490854	12 May 2010	026536	28 Apr 2017
Azerbaijan	201590073	12 May 2010	027493	31 Jul 2017
Azerbaijan	201790515	12 May 2010	037281	04 Mar 2021
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Bosnia-Herzegovina	14175539.7	12 May 2010	2873665	06 Jul 2016
Bosnia-Herzegovina	15180635.3	12 May 2010	3002281	13 Sep 2017
Bosnia-Herzegovina	SPC0028	31 Jan 2017	SPC20190028	20 Nov 2019
Belgium	10720970.2	12 May 2010	2430014	19 Aug 2015
Belgium	14175539.7	12 May 2010	2873665	06 Jul 2016
Belgium	15180635.3	12 May 2010	3002281	13 Sep 2017
Belgium	17190692.8	12 May 2010	3309157	04 Sep 2019

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Belgium	2016C/006	11 Feb 2016		
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Bulgaria	10720970.2	12 May 2010	2430014	19 Aug 2015
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Bulgaria	15180635.3	12 May 2010	3002281	13 Sep 2017
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Bermuda	590EP	12 May 2010	590EP	19 Nov 2018
Brunei Darussalam	10720970.2	12 May 2010	RE/R/2016/0026	11 Jul 2016
Brazil	PI1010795-9	12 May 2010	PI1010795-9	11 Dec 2018
Brazil	BR122014012810-0	12 May 2010	BR122014012810-0	14 Apr 2020
Brazil	BR122014013631-5	12 May 2010	BR122014013631-5	17 Nov 2020
Botswana	AP/P/2016/008993	12 May 2010	AP5317	30 Oct 2020
Belarus	201190259	12 May 2010	021974	30 Oct 2015
Belarus	201490854	12 May 2010	026536	28 Apr 2017
Belarus	201590073	12 May 2010	027493	31 Jul 2017
Belarus	201790515	12 May 2010	037281	04 Mar 2021
Canada	2761258	12 May 2010	2761258	04 Aug 2015
Congo Dem. Rep. (Ex-Zaire)	NP/021/EXT/2017	12 May 2010	2017/4511/EXT	22 Apr 2020
Switzerland	10720970.2	12 May 2010	2430014	19 Aug 2015
Switzerland	14175539.7	12 May 2010	2873665	06 Jul 2016
Switzerland	15180635.3	12 May 2010	3002281	13 Sep 2017
Switzerland	17190692.8	12 May 2010	3309157	04 Sep 2019
Chile	2825-2011	12 May 2010	51482	22 Feb 2016
China	201410227574.2	12 May 2010	ZL201410227574.2	12 Apr 2017
China	201410226959.7	12 May 2010	ZL201410226959.7	18 Jan 2017
China	201611104976.9	12 May 2010	ZL 201611104976.9	27 Nov 2020
China	201410226767.6	12 May 2010	ZL201410226767.6	19 Oct 2018
Colombia	11-164618	12 May 2010	5548	13 May 2014

Country	Application Number	Filing Date	Patent Number	Grant Date
Cyprus (Northern)	2430014	12 May 2010	244	11 Aug 2017
Cyprus (Republic)	10720970.2	12 May 2010	2430014	19 Aug 2015
Cyprus (Republic)	14175539.7	12 May 2010	2873665	06 Jul 2016
Cyprus (Republic)	15180635.3	12 May 2010	3002281	13 Sep 2017
Cyprus (Republic)	SPCCY2016001	12 May 2010	2016001	18 Oct 2017
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Czech Republic	10720970.2	12 May 2010	2430014	19 Aug 2015
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Czech Republic	15180635.3	12 May 2010	3002281	13 Sep 2017
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Germany	10720970.2	12 May 2010	2430014	19 Aug 2015
Germany	14175539.7	12 May 2010	2873665	06 Jul 2016
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Denmark	10720970.2	12 May 2010	2430014	19 Aug 2015
Denmark	14175539.7	12 May 2010	2873665	06 Jul 2016
Denmark	15180635.3	12 May 2010	3002281	13 Sep 2017
Denmark	CR 2016 00006	16 Feb 2016	201600006	12 Mar 2018
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Eurasian Procedure	201190259	12 May 2010	021974	30 Oct 2015
Eurasian Procedure	201490854	12 May 2010	026536	28 Apr 2017
Eurasian Procedure	201590073	12 May 2010	027493	31 Jul 2017
Eurasian Procedure	201790515	12 May 2010	037281	04 Mar 2021

Country	Application Number	Filing Date	Patent Number	Grant Date
Estonia	10720970.2	12 May 2010	2430014	19 Aug 2015
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European Procedure (Patents)	10720970.2	12 May 2010	2430014	19 Aug 2015
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European Procedure (Patents)	15180635.3	12 May 2010	3002281	13 Sep 2017
European Procedure (Patents)	17190692.8	12 May 2010	3309157	04 Sep 2019
European Procedure (Patents)	19193481.9	12 May 2010		
Spain	10720970.2	12 May 2010	2430014	19 Aug 2015
Spain	14175539.7	12 May 2010	2873665	06 Jul 2016
Spain	15180635.3	12 May 2010	3002281	13 Sep 2017
Spain	17190692.8	12 May 2010	3309157	04 Sep 2019
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Spain	C20163002	21 Dec 2020		
Ethiopia	ET/PI/17/243	12 May 2010	179	25 Dec 2017
Finland	10720970.2	12 May 2010	2430014	19 Aug 2015
Finland	14175539.7	12 May 2010	2873665	06 Jul 2016
Finland	15180635.3	12 May 2010	3002281	13 Sep 2017
Finland	C20160001	12 Jan 2016	631	30 Mar 2021
Finland	C2016001	18 Dec 2020	631	21 Apr 2021
Fiji	1269	12 May 2010	1269	02 May 2017
Falkland Islands (Malvinas)	10720970.2	12 May 2010	15702	24 Mar 2017
France	10720970.2	12 May 2010	2430014	19 Aug 2015
France	14175539.7	12 May 2010	2873665	06 Jul 2016
France	15180635.3	12 May 2010	3002281	13 Sep 2017
France	17190692.8	12 May 2010	3309157	04 Sep 2019
France	16C0005	05 Feb 2016	16C0005	30 Sep 2016
France	16C0005	24 Dec 2020		
United Kingdom	10720970.2	12 May 2010	2430014	19 Aug 2015

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United Kingdom	14175539.7	12 May 2010	2873665	06 Jul 2016
United Kingdom	15180635.3	12 May 2010	3002281	13 Sep 2017
United Kingdom	17190692.8	12 May 2010	3309157	04 Sep 2019
United Kingdom	SPC/GB16/008	08 Feb 2016	SPC/GB16/008	02 Mar 2020
Grenada	10 of 2017	12 May 2010	10 of 2017	27 Apr 2017
Guernsey	2430014	12 May 2010	GG-GP502	05 Apr 2017
Ghana	AP/P/2016/008993	12 May 2010	AP5317	30 Oct 2020
Gibraltar	776	12 May 2010	776	21 Mar 2017
Gambia	AP/P/2016/008993	12 May 2010	AP5317	30 Oct 2020
Gambia	GM/P/4/2017	12 May 2010	GM/P/4/2017	05 Apr 2017
Greece	10720970.2	12 May 2010	2430014	19 Aug 2015
Greece	14175539.7	12 May 2010	2873665	06 Jul 2016
Greece	15180635.3	12 May 2010	3002281	13 Sep 2017
Greece	17190692.8	12 May 2010	3309157	04 Sep 2019
Greece	20160800002	05 Jan 2016	8000625	08 Feb 2017
Greece	20200900011	12 May 2010		
Guyana	1677	12 May 2010		
Hong Kong	17110924.1	12 May 2010	1236946B	09 Apr 2021
Hong Kong	19125265.9	12 May 2010		
Hong Kong	42020016074.5	12 May 2010		
Hong Kong	12103256.9	12 May 2010	1162518	18 Dec 2015
Hong Kong	15108271.6	12 May 2010	1207638	21 Apr 2017
Hong Kong	16111614.5	12 May 2010	1223365	20 Apr 2018
Hong Kong	18112717.7	12 May 2010	1253517	24 Apr 2020
Croatia	10720970.2	12 May 2010	2430014	19 Aug 2015
Croatia	14175539.7	12 May 2010	2873665	06 Jul 2016
Croatia	15180635.3	12 May 2010	3002281	13 Sep 2017
Croatia	SDZ20150035	12 May 2010		
Croatia	820150035	18 Dec 2020		
Hungary	10720970.2	12 May 2010	2430014	19 Aug 2015
Hungary	14175539.7	12 May 2010	2873665	06 Jul 2016
Hungary	15180635.3	12 May 2010	3002281	13 Sep 2017
Hungary	S1600001	07 Jan 2016	S000371	04 Nov 2019

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Hungary	S000371	18 Dec 2020		
Indonesia	W00-2011-04295	12 May 2010	IPD000039409	28 Aug 2015
Indonesia	P00201502494	12 May 2010	IDP000065535	13 Dec 2019
Ireland	10720970.2	12 May 2010	2430014	19 Aug 2015
Ireland	14175539.7	12 May 2010	2873665	06 Jul 2016
Ireland	15180635.3	12 May 2010	3002281	13 Sep 2017
Ireland	17190692.8	12 May 2010	3309157	04 Sep 2019
Ireland	2016/002	15 Jan 2016	2016/002	08 Nov 2017
Ireland	SPCIE20200000000673	22 Dec 2020	2016/002	21 May 2021
Israel	216254	12 May 2010	216254	01 Dec 2016
Israel	233044	12 May 2010	233044	31 Oct 2015
Israel	233678	12 May 2010	233678	31 Aug 2019
Israel	233679	12 May 2010	233679	31 Aug 2019
India	9313/DELNP/2011	12 May 2010		
Iceland	10720970.2	12 May 2010	2430014	19 Aug 2015
Iceland	14175539.7	12 May 2010	2873665	06 Jul 2016
Iceland	15180635.3	12 May 2010	3002281	13 Sep 2017
Iceland	SPC148	12 May 2010	SPC148	15 Nov 2019
Iceland	SPC148	17 Dec 2020	SPC148	15 Feb 2021
Italy	10720970.2	12 May 2010	2430014	19 Aug 2015
Italy	14175539.7	12 May 2010	2873665	06 Jul 2016
Italy	15180635.3	12 May 2010	3002281	13 Sep 2017
Italy	17190692.8	12 May 2010	3309157	04 Sep 2019
Italy	132016000015690	16 Feb 2016	132016000015690	13 Apr 2021
Italy	842020000219995	18 Dec 2020	84202000021995	13 Apr 2021
Jersey	P995	12 May 2010	P995	07 Jun 2017
Jamaica	18/1/005819	12 May 2010		
Japan	2012-510987	12 May 2010	5582662	25 Jul 2014
Japan	2014-107359	12 May 2010	5744283	15 May 2015
Japan	2014-124325	12 May 2010	5745727	15 May 2015
Japan	2018-700128	15 May 2018	5582662	09 Oct 2018
Japan	2015-700222	25 Sep 2015	5582662	18 Apr 2017
Kenya	AP/P/2016/008993	12 May 2010	AP5317	30 Oct 2020
Kyrgyzstan	201490854	12 May 2010	026536	28 Apr 2017
Kyrgyzstan	201790515	12 May 2010	037281	04 Mar 2021
Kiribati	16/2017	12 May 2010	16/2017	23 Jun 2017

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Saint Kitts And Nevis	2430014	12 May 2010		
South Korea / Republic of Korea	10-2011-7029699	12 May 2010	10-1546119	13 Aug 2015
South Korea / Republic of Korea	10-2014-7016504	12 May 2010	10-1503752	12 Mar 2015
South Korea / Republic of Korea	10-2016-7017466	12 May 2010	10-1727876	11 Apr 2017
South Korea / Republic of Korea	10-2015-0178217	14 Dec 2015	1546119	04 Mar 2016
Cayman Islands	2430014	12 May 2010	2430014	18 Apr 2017
Kazakhstan	201490854	12 May 2010	026536	28 Apr 2017
Kazakhstan	201790515	12 May 2010	037281	04 Mar 2021
Saint Lucia	PT# 12 of 2017	12 May 2010	PT# 12 of 2017	15 May 2017
Liberia	AP/P/2016/008993	12 May 2010	AP5317	30 Oct 2020
Lesotho	AP/P/2016/008993	12 May 2010	AP5317	30 Oct 2020
Lithuania	10720970.2	12 May 2010	2430014	19 Aug 2015
Lithuania	14175539.7	12 May 2010	2873665	06 Jul 2016
Lithuania	15180635.3	12 May 2010	3002281	13 Sep 2017
Lithuania	PA 2016 002	11 Jan 2016	C 2430014	11 Sep 2017
Lithuania	PA2016002	16 Dec 2020	C 2430014	25 Feb 2021
Luxembourg	10720970.2	12 May 2010	2430014	19 Aug 2015
Luxembourg	14175539.7	12 May 2010	2873665	06 Jul 2016
Luxembourg	15180635.3	12 May 2010	3002281	13 Sep 2017
Luxembourg	92956	21 Jan 2016	92956	19 Sep 2018
Luxembourg	92956	16 Dec 2020		

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Latvia	10720970.2	12 May 2010	2430014	19 Aug 2015
Latvia	14175539.7	12 May 2010	2873665	06 Jul 2016
Latvia	15180635.3	12 May 2010	3002281	13 Sep 2017
Latvia	C/LV2016/0002	12 May 2010		29 Sep 2016
Latvia	C.LV/2016/0002	30 Dec 2020	C/LV2016/0002	04 Feb 2021
Monaco	10720970.2	12 May 2010	2430014	19 Aug 2015
Monaco	14175539.7	12 May 2010	2873665	06 Jul 2016
Monaco	15180635.3	12 May 2010	3002281	13 Sep 2017
Moldova (Rep)	201490854	12 May 2010	026536	28 Apr 2017
Montenegro	10720970.2	12 May 2010	2430014	19 Aug 2015
Montenegro	14175539.7	12 May 2010	2873665	06 Jul 2016
Montenegro	15180635.3	12 May 2010	3002281	13 Sep 2017
North Macedonia	10720970.2	12 May 2010	2430014	19 Aug 2015
North Macedonia	14175539.7	12 May 2010	2873665	06 Jul 2016
North Macedonia	15180635.3	12 May 2010	3002281	13 Sep 2017
Macao	J/002258	12 May 2010	J/002258	12 Oct 2016
Macao	J/002453	12 May 2010	J/002453	28 Mar 2017
Macao	J/002611	12 May 2010	J/002611	26 Jun 2017
Macao	J/002538	12 May 2010	J/002538	05 Jul 2017
Macao	J/003521	12 May 2010	J/003521	09 May 2019
Macao	J/004597	12 May 2010	J/004597	27 Jan 2021
Montserrat	EP2430014	12 May 2010	10 of 2017	16 May 2017
Malta	10720970.2	12 May 2010	2430014	19 Aug 2015
Malta	14175539.7	12 May 2010	2873665	06 Jul 2016
Malta	15180635.3	12 May 2010	3002281	13 Sep 2017
Malta	SPC44/2016	12 May 2010	EP33371/2430014	12 May 2018
Malta	44/2016	17 Dec 2020	4/2020	12 Jan 2021
Malawi	AP/P/2016/008993	12 May 2010	AP5317	30 Oct 2020
Mexico	MX/a/2011/012058	12 May 2010	321028	12 Jun 2014
Mexico	MX/a/2014/005805	12 May 2010	360803	16 Nov 2018

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Mexico	MX/a/2014/005933	12 May 2010	360800	16 Nov 2018
Mexico	MX/a/2014/006862	12 May 2010	363732	01 Apr 2019
Mexico	MX/a/2020/011251	12 May 2010		
Mozambique	AP/P/2016/008993	12 May 2010	AP5317	30 Oct 2020
Namibia	AP/P/2016/008993	12 May 2010	AP5317	30 Oct 2020
Netherlands	10720970.2	12 May 2010	2430014	19 Aug 2015
Netherlands	14175539.7	12 May 2010	2873665	06 Jul 2016
Netherlands	15180635.3	12 May 2010	3002281	13 Sep 2017
Netherlands	17190692.8	12 May 2010	3309157	04 Sep 2019
Netherlands	300796	18 Feb 2016	300796	30 Jun 2016
Netherlands	300796	30 Dec 2020	300796	21 Jan 2021
Norway	10720970.2	12 May 2010	2430014	19 Aug 2015
Norway	14175539.7	12 May 2010	2873665	06 Jul 2016
Norway	15180635.3	12 May 2010	3002281	13 Sep 2017
Norway	17190692.8	12 May 2010	3309157	04 Sep 2019
Norway	2016004	17 Feb 2016	SPC/NO2016004	07 Mar 2018
Norway	2020046	18 Dec 2020		
Nepal	41	12 May 2010		
New Zealand	596444	12 May 2010	596444	01 May 2014
New Zealand	619205	12 May 2010	619205	28 Jul 2015
New Zealand	706236	12 May 2010	706236	01 Nov 2016
OAPI	1201100414	12 May 2010	15651	28 Sep 2012
Peru	1965.2011	12 May 2010	7305	20 Nov 2014
Peru	1982-2014/DIN	12 May 2010	9670	13 Aug 2019
Poland	10720970.2	12 May 2010	2430014	19 Aug 2015
Poland	14175539.7	12 May 2010	2873665	06 Jul 2016
Poland	15180635.3	12 May 2010	3002281	13 Sep 2017
Poland	17190692.8	12 May 2010	3309157	04 Sep 2019
Poland	DPO.0380	29 Jan 2016		
Poland	DPO.0380	21 Dec 2020		
Portugal	10720970.2	12 May 2010	2430014	19 Aug 2015
Portugal	14175539.7	12 May 2010	2873665	06 Jul 2016

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Portugal	15180635.3	12 May 2010	3002281	13 Sep 2017
Portugal	17190692.8	12 May 2010	3309157	04 Sep 2019
Portugal	1000005936	25 Jan 2016	736	21 Apr 2017
Portugal	736	14 Dec 2020		
Romania	10720970.2	12 May 2010	2430014	19 Aug 2015
Romania	14175539.7	12 May 2010	2873665	06 Jul 2016
Romania	15180635.3	12 May 2010	3002281	13 Sep 2017
Romania	C/002	12 May 2010		
Romania	1036630	15 Dec 2020		
Serbia (ex-Serbia & Montenegro)	10720970.2	12 May 2010	2430014	19 Aug 2015
Serbia (ex-Serbia & Montenegro)	14175539.7	12 May 2010	2873665	06 Jul 2016
Serbia (ex-Serbia & Montenegro)	15180635.3	12 May 2010	3002281	13 Sep 2017
Serbia (ex-Serbia & Montenegro)	SDZ2016/0018	16 Nov 2016	SDZ2016/0018	03 Jun 2019
Russian Federation	201490854	12 May 2010	026536	28 Apr 2017
Russian Federation	201790515	12 May 2010	037381	04 Mar 2021
Russian Federation	029081	12 Aug 2020	029081	15 Sep 2020
Solomon Islands	J37/399	12 May 2010	J37/399	06 Jun 2017
Seychelles	2430014	12 May 2010	2430014	04 May 2017
Sudan	AP/P/2016/008993	12 May 2010	AP5317	30 Oct 2020
Sweden	10720970.2	12 May 2010	2430014	19 Aug 2015
Sweden	14175539.7	12 May 2010	2873665	06 Jul 2016

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Sweden	15180635.3	12 May 2010	3002281	13 Sep 2017
Sweden	17190692.8	12 May 2010	3309157	04 Sep 2019
Sweden	1690002-9	19 Jan 2016	1690002-9	22 Feb 2018
Sweden	1691002-8	17 Dec 2020		
Singapore	201108315-1	12 May 2010	176015	25 Jun 2014
Singapore	10201402280Q	12 May 2010	10201402280Q	07 Jan 2020
Saint Helena	2430014	12 May 2010	2430014	27 Feb 2018
Slovenia	10720970.2	12 May 2010	2430014	19 Aug 2015
Slovenia	14175539.7	12 May 2010	2873665	06 Jul 2016
Slovenia	15180635.3	12 May 2010	3002281	13 Sep 2017
Slovenia	17190692.8	12 May 2010	3309157	04 Sep 2019
Slovenia	C-201640001	14 Jan 2016	201640001	18 Feb 2016
Slovenia	C-201640001	18 Dec 2020	201640001	25 Jan 2021
Slovakia	10720970.2	12 May 2010	2430014	19 Aug 2015
Slovakia	14175539.7	12 May 2010	2873665	06 Jul 2016
Slovakia	15180635.3	12 May 2010	3002281	13 Sep 2017
Slovakia	17190692.8	12 May 2010	3309157	04 Sep 2019
Slovakia	5001-2016	05 Feb 2016	232	29 Jul 2016
Slovakia	DO 232	05 Feb 2016		
Sierra Leone	AP/P/2016/008993	12 May 2010	AP5317	30 Oct 2020
San Marino	10720970.2	12 May 2010	2430014	19 Aug 2015
San Marino	14175539.7	12 May 2010	2873665	06 Jul 2016
San Marino	15180635.3	12 May 2010	3002281	13 Sep 2017
Eswatini (ex. Swaziland)	AP/P/2016/008993	12 May 2010	AP5317	30 Oct 2020
Turks & Caicos Islands	10249	12 May 2010	10249	12 Apr 2017
Thailand	1101003118	12 May 2010		
Tajikistan	201490854	12 May 2010	026536	28 Apr 2017
Tajikistan	201790515	12 May 2010	037281	04 Mar 2021
Turkmenistan	201490854	12 May 2010	026536	28 Apr 2017
Turkmenistan	201790515	12 May 2010	037281	04 Mar 2021
Turkey	10720970.2	12 May 2010	2430014	19 Aug 2015
Turkey	14175539.7	12 May 2010	2873665	06 Jul 2016
Turkey	15180635.3	12 May 2010	3002281	13 Sep 2017
Turkey	17190692.8	12 May 2010	3309157	04 Sep 2019

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Taiwan	99115093	12 May 2010	I465444	21 Dec 2014
Taiwan	103134406	12 May 2010	I547495	01 Sep 2016
Taiwan	105117036	12 May 2010	I629981	21 Jul 2018
Taiwan	107113373	12 May 2010	I689305	01 Apr 2020
Taiwan	99115093	26 Apr 2016		
Tanzania (United Republic of)	AP/P/2016/008993	12 May 2010	AP5317	30 Oct 2020
Ukraine	a201113524	12 May 2010	108610	25 May 2015
Ukraine	a201413049	12 May 2010	121454	10 Jun 2020
United States Of America	15/279303	28 Sep 2016	9981955	29 May 2018
United States Of America	14/280478	16 May 2014	9511056	06 Dec 2016
United States Of America	13/956195	31 Jul 2013	8822430	02 Sep 2014
United States Of America	61/177972	13 May 2009		
United States Of America	61/224745	10 Jul 2009		
United States Of America	61/238760	01 Sep 2009		
United States Of America	12/779023	12 May 2010	8088368	03 Jan 2012
United States Of America	13/291977	08 Nov 2011	8273341	25 Sep 2012
United States Of America	13/491446	07 Jun 2012	8669234	11 Mar 2014
United States Of America	13/553517	19 Jul 2012	8575118	05 Nov 2013
United States Of America	14/045717	03 Oct 2013	8841278	23 Sep 2014

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Virgin Islands (British)	462/13/2017	12 May 2010	462/13/2017	02 May 2017
Vietnam	1-2011-03386	12 May 2010	1-0017117	27 Jun 2017
WIPO	US2010/34600	12 May 2010		
South Africa	2011/08436	12 May 2010	2011/08436	30 Jan 2013
Zambia	AP/P/2016/008993	12 May 2010	AP5317	30 Oct 2020
Zimbabwe	AP/P/2016/008993	12 May 2010	AP5317	30 Oct 2020
United Arab Emirates	239/2014	14 Sep 2012	1605	07 Feb 2019
Albania	12768967.7	14 Sep 2012	2709613	29 Nov 2017
Armenia	201490588	14 Sep 2012	026667	31 May 2017
ARIPO	AP/P/2014/007575	14 Sep 2012	5192	31 Jul 2020
Australia	2012308295	14 Sep 2012	2012308295	08 Feb 2018
Azerbaijan	201490588	14 Sep 2012	026667	31 May 2017
Bosnia-Herzegovina	12768967.7	14 Sep 2012	2709613	29 Nov 2017
Belgium	12768967.7	14 Sep 2012	2709613	29 Nov 2017
Bulgaria	12768967.7	14 Sep 2012	2709613	29 Nov 2017
Brazil	112014006324-9	14 Sep 2012	BR112014006324-9	26 Dec 2018
Belarus	201490588	14 Sep 2012	026667	31 May 2017
Canada	2840242	14 Sep 2012	2840242	26 Mar 2019
Switzerland	12768967.7	14 Sep 2012	2709613	29 Nov 2017
Chile	00630-2014	14 Sep 2012	58.509	14 Nov 2019
China	201280053492.X	14 Sep 2012	ZL201280053492X	31 Aug 2016
Czech Republic	12768967.7	14 Sep 2012	2709613	29 Nov 2017
Germany	12768967.7	14 Sep 2012	2709613	29 Nov 2017
Germany	DE202012013074.9	14 Sep 2012	202012013074.9	29 Oct 2014
Denmark	12768967.7	14 Sep 2012	2709613	29 Nov 2017
Eurasian Procedure	201490588	14 Sep 2012	026667	31 May 2017
Estonia	12768967.7	14 Sep 2012	2709613	29 Nov 2017
Egypt	D1-392/2014 PCT	14 Sep 2012		

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European Procedure (Patents)	12768967.7	14 Sep 2012	2709613	29 Nov 2017
Spain	12768967.7	14 Sep 2012	2709613	29 Nov 2017
Finland	12768967.7	14 Sep 2012	2709613	29 Nov 2017
France	12768967.7	14 Sep 2012	2709613	29 Nov 2017
United Kingdom	12768967.7	14 Sep 2012	2709613	29 Nov 2017
Greece	12768967.7	14 Sep 2012	2709613	29 Nov 2017
Croatia	12768967.7	14 Sep 2012	2709613	29 Nov 2017
Hungary	12768967.7	14 Sep 2012	2709613	29 Nov 2017
Indonesia	P00201402133	14 Sep 2012	IDP0000058014	29 Apr 2019
Ireland	12768967.7	14 Sep 2012	2709613	29 Nov 2017
India	2956/DELNP/2014	14 Sep 2012	313093	23 May 2019
Iceland	12768967.7	14 Sep 2012	2709613	29 Nov 2017
Italy	12768967.7	14 Sep 2012	2709613	29 Nov 2017
Japan	2014-530905	14 Sep 2012	6073897	13 Jan 2017
Japan	2017-000384	14 Sep 2012	6220994	06 Oct 2017
Kyrgyzstan	201490588	14 Sep 2012	026667	31 May 2017
South Korea / Republic of Korea	10-2014-7009860	14 Sep 2012	10-1991298	14 Jun 2019
Kazakhstan	201490588	14 Sep 2012	026667	31 May 2017
Lithuania	12768967.7	14 Sep 2012	2709613	29 Nov 2017
Luxembourg	12768967.7	14 Sep 2012	2709613	29 Nov 2017
Latvia	12768967.7	14 Sep 2012	2709613	29 Nov 2017
Monaco	12768967.7	14 Sep 2012	2709613	29 Nov 2017
Montenegro	12768967.7	14 Sep 2012	2709613	29 Nov 2017
North Macedonia	12768967.7	14 Sep 2012	2709613	29 Nov 2017
Malta	12768967.7	14 Sep 2012	2709613	29 Nov 2017
Mexico	MX/a/2014/003145	14 Sep 2012	336580	22 Jan 2016
Mexico	MX/a/2016/000999	14 Sep 2012	354958	27 Mar 2018
Netherlands	12768967.7	14 Sep 2012	2709613	29 Nov 2017
Norway	12768967.7	14 Sep 2012	2709613	29 Nov 2017

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New Zealand	623396	14 Sep 2012	623396	01 Nov 2016
New Zealand	720391	14 Sep 2012	720391	30 Jan 2018
Panama	90141-01	14 Sep 2012	90141-01	13 Oct 2020
Peru	360-2014	14 Sep 2012	9023	31 Jul 2018
Philippines	1-2014-500557	14 Sep 2012	1-2014-500557	08 Dec 2018
Poland	12768967.7	14 Sep 2012	2709613	29 Nov 2017
Portugal	12768967.7	14 Sep 2012	2709613	29 Nov 2017
Romania	12768967.7	14 Sep 2012	2709613	29 Nov 2017
Serbia (ex-Serbia & Montenegro)	12768967.7	14 Sep 2012	2709613	29 Nov 2017
Russian Federation	201490588	14 Sep 2012	026667	31 May 2017
Sweden	12768967.7	14 Sep 2012	2709613	29 Nov 2017
Slovenia	12768967.7	14 Sep 2012	2709613	29 Nov 2017
Slovakia	12768967.7	14 Sep 2012	2709613	29 Nov 2017
San Marino	12768967.7	14 Sep 2012	2709613	29 Nov 2017
Thailand	1401001362	14 Sep 2012		
Tajikistan	201490588	14 Sep 2012	026667	31 May 2017
Turkmenistan	201490588	14 Sep 2012	026667	31 May 2017
Turkey	12768967.7	14 Sep 2012	2709613	29 Nov 2017
United States Of America	14/513900	14 Oct 2014	9452154	27 Sep 2016
United States Of America	15/400088	06 Jan 2017	10456414	29 Oct 2019
United States Of America	13/875252	14 Sep 2012	9393256	19 Jul 2016
Vietnam	1-2018-02076	14 Sep 2012	25121	15 Jul 2020
South Africa	2014/02534	14 Sep 2012	2014/02534	31 Jan 2018
Argentina	P110104276	16 Nov 2011		
Austria	11791700.5	16 Nov 2011	2640719	10 May 2017
Australia	2011328980	16 Nov 2011	2011328980	12 Nov 2015
Australia	2019201939	16 Nov 2011	2019201939	03 Jun 2021
Belgium	11791700.5	16 Nov 2011	2640719	10 May 2017

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Canada	3,095,528	16 Nov 2011		
Canada	3102625	16 Nov 2011		
Switzerland	11791700.5	16 Nov 2011	2640719	10 May 2017
Czech Republic	11791700.5	16 Nov 2011	2640719	10 May 2017
Germany	11791700.5	16 Nov 2011	2640719	10 May 2017
Egypt	PCT834/2013	16 Nov 2011		
European Procedure (Patents)	11791700.5	16 Nov 2011	2640719	10 May 2017
Spain	11791700.5	16 Nov 2011	2640719	10 May 2017
France	11791700.5	16 Nov 2011	2640719	10 May 2017
United Kingdom	11791700.5	16 Nov 2011	2640719	10 May 2017
Greece	11791700.5	16 Nov 2011	2640719	10 May 2017
Hong Kong	14102833.1	21 Mar 2014	1189879	09 Feb 2018
Hong Kong	18109580.7	16 Nov 2011		
Ireland	11791700.5	16 Nov 2011	2640719	10 May 2017
Israel	226346	16 Nov 2011	226346	01 Apr 2018
Italy	11791700.5	16 Nov 2011	2640719	10 May 2017
Japan	2013-539970	16 Nov 2011	5905020	25 Mar 2016
South Korea / Republic of Korea	10-2013-7015201	16 Nov 2011	10-1835474	28 Feb 2018
Netherlands	11791700.5	16 Nov 2011	2640719	10 May 2017
Norway	11791700.5	16 Nov 2011	2640719	10 May 2017
New Zealand	710567	16 Nov 2011	710567	28 Apr 2017
New Zealand	726475	16 Nov 2011	726475	30 Oct 2018
New Zealand	760366	16 Nov 2011		
Poland	11791700.5	16 Nov 2011	2640719	10 May 2017
Portugal	11791700.5	16 Nov 2011	2640719	10 May 2017
Sweden	11791700.5	16 Nov 2011	2640719	10 May 2017
Singapore	102015094568	16 Nov 2011		
Slovenia	11791700.5	16 Nov 2011	2640719	10 May 2017
Slovakia	11791700.5	16 Nov 2011	2640719	10 May 2017
Turkey	11791700.5	16 Nov 2011	2640719	10 May 2017
Taiwan	100141839	16 Nov 2011	1548629	11 Sep 2016
Taiwan	105118984	16 Nov 2011	1607011	01 Dec 2017

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Taiwan	106129863	16 Nov 2011	1640526	11 Nov 2018
Taiwan	100141839	25 Mar 2019		
United States Of America	16/158204	11 Oct 2018	10807990	20 Oct 2020
United States Of America	15/207415	11 Jul 2016	9809600	07 Nov 2017
United States Of America	61/414818	17 Nov 2010		
United States Of America	61/504924	06 Jul 2011		
United States Of America	13/884578	16 Nov 2011	9156823	13 Oct 2015
United States Of America	14/814392	30 Jul 2015	10344019	09 Jul 2019
United States Of America	14/261325	24 Apr 2014	9051340	09 Jun 2015
United States Of America	14/696233	24 Apr 2015	9221833	29 Dec 2015
Vietnam	1-2013-01720	16 Nov 2011	21299	04 Jun 2019
Vietnam	1-2019-00466	16 Nov 2011		
WIPO	US2011/060966	16 Nov 2011		
United Arab Emirates	498/2014	16 Nov 2012		
Anguilla	AI/A/17/00215	16 Nov 2012	AI/A/17/00215	01 Dec 2017
Albania	12798525.7	16 Nov 2012	2635588	10 Jun 2015
Albania	15156617.1	16 Nov 2012	2907816	13 Jun 2018
Armenia	201390576	16 Nov 2012	023644	30 Jun 2016
Armenia	201591244	16 Nov 2012	030941	31 Oct 2018
Armenia	201390576	21 Oct 2019	023644	13 Jan 2020
ARIPO	AP/P/2013/006877	16 Nov 2012	AP4902	07 Oct 2019
Austria	12798525.7	16 Nov 2012	2635588	10 Jun 2015
Austria	15156617.1	16 Nov 2012	2907816	13 Jun 2018
Austria	18175400.3	16 Nov 2012	3431477	14 Oct 2020
Australia	2012318253	16 Nov 2012	2012318253	19 Nov 2015
Australia	2019202345	16 Nov 2012		

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Azerbaijan	201390576	16 Nov 2012	023644	30 Jun 2016
Azerbaijan	201591244	16 Nov 2012	030941	31 Oct 2018
Bosnia-Herzegovina	12798525.7	16 Nov 2012	2635588	10 Jun 2015
Bosnia-Herzegovina	15156617.1	16 Nov 2012	2907816	13 Jun 2018
Bosnia-Herzegovina	SDZ 0036	19 Jun 2018	SPC20200036	05 Aug 2020
Bosnia-Herzegovina	18175400.3	16 Nov 2012	3431477	14 Oct 2020
Belgium	12798525.7	16 Nov 2012	2635588	10 Jun 2015
Belgium	15156617.1	16 Nov 2012	2907816	13 Jun 2018
Belgium	18175400.3	16 Nov 2012	3431477	14 Oct 2020
Bulgaria	12798525.7	16 Nov 2012	2635588	10 Jun 2015
Bulgaria	15156617.1	16 Nov 2012	2907816	13 Jun 2018
Bahrain	63/2014	16 Nov 2012		
Bermuda	589EP	16 Nov 2012	589EP	16 Jan 2018
Brazil	BR112013012091-6	16 Nov 2012		
Botswana	AP/P/2013/006877	16 Nov 2012	AP4902	07 Oct 2019
Belarus	201390576	16 Nov 2012	023644	30 Jun 2016
Belarus	201591244	16 Nov 2012	030941	31 Oct 2018
Canada	2815082	16 Nov 2012	2815082	07 Jul 2015
Congo Dem. Rep. (Ex-Zaire)	NP/023/EXT/2017	16 Nov 2012		
Switzerland	12798525.7	16 Nov 2012	2635588	10 Jun 2015
Switzerland	15156617.1	16 Nov 2012	2907816	13 Jun 2018
Switzerland	18175400.3	16 Nov 2012	3431477	14 Oct 2020
Switzerland	C02635588/01	19 Apr 2018	C02635588/01	31 Oct 2019
Chile	2013-01428	16 Nov 2012	55777	10 Apr 2018
China	201280004097.2	16 Nov 2012	ZL201280004097.2	25 May 2016

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China	201610126299.4	16 Nov 2012	ZL201610126299.4	13 Jul 2018
Costa Rica	2013-0231	16 Nov 2012	3728	17 May 2019
Cyprus (Northern)	2635588	16 Nov 2012	243	11 Aug 2017
Cyprus (Republic)	12798525.7	16 Nov 2012	2635588	10 Jun 2015
Cyprus (Republic)	15156617.1	16 Nov 2012	2907816	13 Jun 2018
Cyprus (Republic)	18175400.3	16 Nov 2012	3431477	14 Oct 2020
Czech Republic	12798525.7	16 Nov 2012	2635588	10 Jun 2015
Czech Republic	15156617.1	16 Nov 2012	2907816	13 Jun 2018
Czech Republic	18175400.3	16 Nov 2012	3431477	14 Oct 2020
Germany	12798525.7	16 Nov 2012	2635588	10 Jun 2015
Germany	15156617.1	16 Nov 2012	2907816	13 Jun 2018
Germany	18175400.3	16 Nov 2012	3431477	14 Oct 2020
Denmark	12798525.7	16 Nov 2012	2635588	10 Jun 2015
Denmark	15156617.1	16 Nov 2012	2907816	13 Jun 2018
Eurasian Procedure	201390576	16 Nov 2012	023644	30 Jun 2016
Eurasian Procedure	201591244	16 Nov 2012	030941	31 Oct 2018
Eurasian Procedure	201890333	16 Nov 2012	037883	31 May 2021
Eurasian Procedure	202190619	16 Nov 2012		
Estonia	12798525.7	16 Nov 2012	2635588	10 Jun 2015
Estonia	15156617.1	16 Nov 2012	2907816	13 Jun 2018
Egypt	PCT833/2013	16 Nov 2012		
European Procedure (Patents)	12798525.7	16 Nov 2012	2635588	10 Jun 2015
European Procedure (Patents)	15156617.1	16 Nov 2012	2907816	13 Jun 2018
European Procedure (Patents)	18175400.3	16 Nov 2012	3431477	14 Oct 2020

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European Procedure (Patents)	20194823.9	16 Nov 2012		
Spain	12798525.7	16 Nov 2012	2635588	10 Jun 2015
Spain	15156617.1	16 Nov 2012	2907816	13 Jun 2018
Spain	18175400.3	16 Nov 2012	3431477.	14 Oct 2020
Ethiopia	ET/PL/17/244	16 Nov 2012	178	25 Dec 2017
Finland	12798525.7	16 Nov 2012	2635588	10 Jun 2015
Finland	15156617.1	16 Nov 2012	2907816	13 Jun 2018
Fiji	1270	16 Nov 2012	1270	02 May 2017
Falkland Islands (Malvinas)	12798525.7	16 Nov 2012	15700	24 Mar 2017
France	12798525.7	16 Nov 2012	2635588	10 Jun 2015
France	15156617.1	16 Nov 2012	2907816	13 Jun 2018
France	18175400.3	16 Nov 2012	3431477.	14 Oct 2020
United Kingdom	12798525.7	16 Nov 2012	2635588	10 Jun 2015
United Kingdom	15156617.1	16 Nov 2012	2907816	13 Jun 2018
United Kingdom	18175400.3	16 Nov 2012	3431477.	14 Oct 2020
Grenada	9 of 2017	16 Nov 2012	9 of 2017	27 Apr 2017
Guernsey	2635588	16 Nov 2012	GG-GP500	05 Apr 2017
Ghana	AP/P/2013/006877	16 Nov 2012	AP4902	07 Oct 2019
Gibraltar	777	16 Nov 2012	777	21 Mar 2017
Gambia	AP/P/2013/006877	16 Nov 2012	AP4902	07 Oct 2019
Gambia	GM/P/3/2017	16 Nov 2012	GM/P/3/2017	05 Apr 2017
Greece	12798525.7	16 Nov 2012	2635588	10 Jun 2015
Greece	15156617.1	16 Nov 2012	2907816	13 Jun 2018
Greece	18175400.3	16 Nov 2012	3431477.	14 Oct 2020
Guyana	1676	16 Nov 2012	1676	24 Aug 2017
Hong Kong	17101361.0	16 Nov 2012	1227854	06 Sep 2019
Hong Kong	19125938.1	16 Nov 2012		
Hong Kong	14101916.3	16 Nov 2012	1188989	20 Nov 2015
Croatia	12798525.7	16 Nov 2012	2635588	10 Jun 2015
Croatia	15156617.1	16 Nov 2012	2907816	13 Jun 2018
Hungary	12798525.7	16 Nov 2012	2635588	10 Jun 2015
Hungary	15156617.1	16 Nov 2012	2907816	13 Jun 2018
Indonesia	W00201302050	16 Nov 2012	IDP000054111	16 Oct 2018

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Ireland	12798525.7	16 Nov 2012	2635588	10 Jun 2015
Ireland	15156617.1	16 Nov 2012	2907816	13 Jun 2018
Ireland	18175400.3	16 Nov 2012	3431477	14 Oct 2020
Israel	226345	16 Nov 2012	226345	01 Jul 2016
Israel	252345	16 Nov 2012		
India	4351/DELNP/2013	16 Nov 2012		
India	201918046565	16 Nov 2012		
Iceland	12798525.7	16 Nov 2012	2635588	10 Jun 2015
Iceland	15156617.1	16 Nov 2012	2907816	13 Jun 2018
Italy	12798525.7	16 Nov 2012	2635588	10 Jun 2015
Italy	15156617.1	16 Nov 2012	2907816	13 Jun 2018
Italy	18175400.3	16 Nov 2012	3431477	14 Oct 2020
Jersey	P998	16 Nov 2012	P998	09 Jun 2017
Jamaica	18/1/5820	16 Nov 2012		
Japan	2014-542523	16 Nov 2012	6082749	27 Jan 2017
Japan	2019-166343	16 Nov 2012		
Japan	2020-169195	16 Nov 2012		
Japan	2019-700173	08 Apr 2019		
Kenya	AP/P/2013/006877	16 Nov 2012	AP4902	07 Oct 2019
Kyrgyzstan	201390576	16 Nov 2012	023644	30 Jun 2016
Kyrgyzstan	201591244	16 Nov 2012	030941	31 Oct 2018
Kiribati	15/2017	16 Nov 2012	15/2017	23 Jun 2017
Saint Kitts And Nevis	2635588	16 Nov 2012		
South Korea / Republic of Korea	10-2018-7023418	16 Nov 2012	10-2036469	18 Oct 2019
South Korea / Republic of Korea	10-2020-7027928	16 Nov 2012	10-2241651	13 Apr 2021
South Korea / Republic of Korea	10-2021-7010778	16 Nov 2012		
South Korea / Republic of Korea	10-2013-7015198	16 Nov 2012	10-1890400	14 Aug 2018

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Cayman Islands	2635588	16 Nov 2012	2635588	18 Apr 2017
Kazakhstan	201390576	16 Nov 2012	023644	30 Jun 2016
Kazakhstan	201591244	16 Nov 2012	030941	31 Oct 2018
Saint Lucia	PT# 11 of 2017	16 Nov 2012	PT# 11 of 2017	15 May 2017
Liberia	AP/P/2013/006877	16 Nov 2012	AP4902	07 Oct 2019
Lesotho	AP/P/2013/006877	16 Nov 2012	AP4902	07 Oct 2019
Lithuania	12798525.7	16 Nov 2012	2635588	10 Jun 2015
Lithuania	15156617.1	16 Nov 2012	2907816	13 Jun 2018
Luxembourg	12798525.7	16 Nov 2012	2635588	10 Jun 2015
Luxembourg	15156617.1	16 Nov 2012	2907816	13 Jun 2018
Latvia	12798525.7	16 Nov 2012	2635588	10 Jun 2015
Latvia	15156617.1	16 Nov 2012	2907816	13 Jun 2018
Morocco	36000	16 Nov 2012	34727	03 Dec 2013
Monaco	12798525.7	16 Nov 2012	2635588	10 Jun 2015
Monaco	15156617.1	16 Nov 2012	2907816	13 Jun 2018
Moldova (Rep)	a20130029	16 Nov 2012	4403	29 Feb 2016
Moldova (Rep)	a20150091	16 Nov 2012	4521	31 Oct 2017
Montenegro	12798525.7	16 Nov 2012	2635588	10 Jun 2015
Montenegro	15156617.1	16 Nov 2012	2907816	13 Jun 2018
North Macedonia	12798525.7	16 Nov 2012	2635588	10 Jun 2015
North Macedonia	15156617.1	16 Nov 2012	2907816	13 Jun 2018
Macao	J/002259	16 Nov 2012	J/002259	12 Oct 2016
Macao	J/003377	16 Nov 2012	J/003377	10 Jan 2019
Montserrat	EP2635588	16 Nov 2012	11 of 2017	19 May 2017
Malta	12798525.7	16 Nov 2012	2635588	10 Jun 2015
Malta	15156617.1	16 Nov 2012	2907816	13 Jun 2018
Malawi	AP/P/2013/006877	16 Nov 2012	AP4902	07 Oct 2019

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Mexico	MX/a/2013/005575	16 Nov 2012	346729	30 Mar 2017
Mexico	MX/a/2017/004156	16 Nov 2012	361735	14 Dec 2018
Mexico	MX/a/2018/015604	16 Nov 2012	377552	18 Nov 2020
Mexico	MX/a/2020/010330	16 Nov 2012		
Malaysia	PI2014001415	16 Nov 2012	MY-173045-A	20 Dec 2019
Malaysia	PI2019000563	16 Nov 2012		
Mozambique	AP/P/2013/006877	16 Nov 2012	AP4902	07 Oct 2019
Namibia	AP/P/2013/006877	16 Nov 2012	AP4902	07 Oct 2019
Netherlands	12798525.7	16 Nov 2012	2635588	10 Jun 2015
Netherlands	15156617.1	16 Nov 2012	2907816	13 Jun 2018
Netherlands	18175400.3	16 Nov 2012	3431477	14 Oct 2020
Norway	12798525.7	16 Nov 2012	2635588	10 Jun 2015
Norway	15156617.1	16 Nov 2012	2907816	13 Jun 2018
Norway	18175400.3	16 Nov 2012	3431477	14 Oct 2020
Nepal	40	16 Nov 2012		
Nauru	2635588	16 Nov 2012		
New Zealand	610525	16 Nov 2012	610525	29 Aug 2017
New Zealand	720856	16 Nov 2012	720856	23 Mar 2018
New Zealand	737924	16 Nov 2012	737924	01 Oct 2019
New Zealand	752834	16 Nov 2012	752834	30 Apr 2021
New Zealand	769812	16 Nov 2012		
OAPI	1201300262	16 Nov 2012	17167	31 Aug 2015
Oman	OM/P/2014/00104	16 Nov 2012		
Panama	90000-01	16 Nov 2012	90000-01	16 Oct 2020
Panama	90000-02	16 Nov 2012		
Peru	1207-2013	16 Nov 2012	8494	11 Oct 2017
Peru	001319-2017	16 Nov 2012		
Philippines	1/2013/500976	16 Nov 2012	1/2013/500976	15 Sep 2016
Philippines	1-2015-502839	16 Nov 2012	1-2015-502839	19 Sep 2020

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Poland	12798525.7	16 Nov 2012	2635588	10 Jun 2015
Poland	15156617.1	16 Nov 2012	2907816	13 Jun 2018
Poland	18175400.3	16 Nov 2012	3431477	14 Oct 2020
Portugal	12798525.7	16 Nov 2012	2635588	10 Jun 2015
Portugal	15156617.1	16 Nov 2012	2907816	13 Jun 2018
Portugal	18175400.3	16 Nov 2012	3431477	14 Oct 2020
Qatar	QA/201405/00164	16 Nov 2012		
Romania	12798525.7	16 Nov 2012	2635588	10 Jun 2015
Romania	15156617.1	16 Nov 2012	2907816	13 Jun 2018
Serbia (ex-Serbia & Montenegro)	12798525.7	16 Nov 2012	2635588	10 Jun 2015
Serbia (ex-Serbia & Montenegro)	15156617.1	16 Nov 2012	2907816	13 Jun 2018
Serbia (ex-Serbia & Montenegro)	SDZ-2018/0015	03 Aug 2018		
Russian Federation	201390576	16 Nov 2012	023644	13 Jan 2020
Russian Federation	201591244	16 Nov 2012	030941	31 Oct 2018
Russian Federation	201390576	03 Oct 2019	023644	13 Jan 2020
Rwanda	AP/P/2013/006877	16 Nov 2012	AP4902	07 Oct 2019
Seychelles	2635588	16 Nov 2012	2635588	04 May 2017
Sudan	AP/P/2013/006877	16 Nov 2012	AP4902	07 Oct 2019
Sweden	12798525.7	16 Nov 2012	2635588	10 Jun 2015
Sweden	15156617.1	16 Nov 2012	2907816	13 Jun 2018
Sweden	18175400.3	16 Nov 2012	3431477	14 Oct 2020
Singapore	201303624-9	16 Nov 2012	190786	02 Mar 2017
Singapore	10201700947U	16 Nov 2012		

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Saint Helena	2635588	16 Nov 2012	2635588	27 Feb 2018
Slovenia	12798525.7	16 Nov 2012	2635588	10 Jun 2015
Slovenia	15156617.1	16 Nov 2012	2907816	13 Jun 2018
Slovenia	18175400.3	16 Nov 2012	3431477	14 Oct 2020
Slovakia	12798525.7	16 Nov 2012	2635588	10 Jun 2015
Slovakia	15156617.1	16 Nov 2012	2907816	13 Jun 2018
Slovakia	18175400.3	16 Nov 2012	3431477	14 Oct 2020
Sierra Leone	AP/P/2013/006877	16 Nov 2012	AP4902	07 Oct 2019
San Marino	12798525.7	16 Nov 2012	2635588	10 Jun 2015
San Marino	15156617.1	16 Nov 2012	2907816	13 Jun 2018
Sao Tome And Principality	AP/P/2013/006877	16 Nov 2012	4902	07 Oct 2019
El Salvador	2013004461	16 Nov 2012	00069	14 May 2015
Eswatini (ex. Swaziland)	AP/P/2013/006877	16 Nov 2012	AP4902	07 Oct 2019
Turks & Caicos Islands	10248	16 Nov 2012	10248	12 Apr 2017
Thailand	1301002526	16 Nov 2012		
Tajikistan	201390576	16 Nov 2012	023644	30 Jun 2016
Tajikistan	201591244	16 Nov 2012	030941	31 Oct 2018
Turkmenistan	201390576	16 Nov 2012	023644	30 Jun 2016
Turkmenistan	201591244	16 Nov 2012	030941	31 Oct 2018
Turkey	12798525.7	16 Nov 2012	2635588	10 Jun 2015
Turkey	15156617.1	16 Nov 2012	2907816	13 Jun 2018
Turkey	18175400.3	16 Nov 2012	3431477	14 Oct 2020
Tuvalu	TVP200	16 Nov 2012	TVP200	19 May 2017
Tanzania (United Republic of)	AP/P/2013/006877	16 Nov 2012	AP4902	07 Oct 2019
Ukraine	a201306068	16 Nov 2012	110354	25 Dec 2015
Ukraine	a201507807	16 Nov 2012	119437	25 Jun 2019
Ukraine	a201805825	16 Nov 2012		
Ukraine	a201507807	04 Nov 2019	119437	07 Nov 2019

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Ukraine	201306068	08 Feb 2019	110354	10 Apr 2019
Uganda	AP/P/2013/006877	16 Nov 2012	AP4902	07 Oct 2019
United States Of America	61/560654	16 Nov 2011		
United States Of America	13/679874	16 Nov 2012	8940718	27 Jan 2015
United States Of America	13/783056	01 Mar 2013	8575135	05 Nov 2013
United States Of America	14/049133	08 Oct 2013	8921341	30 Dec 2014
United States Of America	14/541057	13 Nov 2014	9868745	16 Jan 2018
United States Of America	16/938767	24 Jul 2020		
Virgin Islands (British)	461/12/2017	16 Nov 2012	461/12/2017	02 May 2017
Vietnam	1-2013-01721	16 Nov 2012	1-0017119-000	27 Jun 2017
Vietnam	1-2017-00502	16 Nov 2012	24241	21 May 2020
WIPO	US2012/065681	16 Nov 2012		
South Africa	2013/04829	16 Nov 2012	2013/04829	24 Feb 2016
Zambia	AP/P/2013/006877	16 Nov 2012	AP4902	07 Oct 2019
Zimbabwe	AP/P/2013/006877	16 Nov 2012	AP4902	07 Oct 2019
Austria	13729208.2	04 Jun 2013	2855454	25 May 2016
Australia	2013271772	04 Jun 2013	2013271772	15 Feb 2018
Belgium	13729208.2	04 Jun 2013	2855454	25 May 2016
Canada	2875508	04 Jun 2013	2875508	04 May 2021
Switzerland	13729208.2	04 Jun 2013	2855454	25 May 2016
China	201380029806.7	04 Jun 2013	ZL2013800298067	28 Jul 2017
China	201710524415.2	04 Jun 2013		
Germany	13729208.2	04 Jun 2013	2855454	25 May 2016

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European Procedure (Patents)	13729208.2	04 Jun 2013	2855454	25 May 2016
Spain	13729208.2	04 Jun 2013	2855454	25 May 2016
France	13729208.2	04 Jun 2013	2855454	25 May 2016
United Kingdom	13729208.2	04 Jun 2013	2855454	25 May 2016
Hong Kong	18104959.1	04 Jun 2013		
Hong Kong	15109284.9	04 Jun 2013	1208670	21 Apr 2017
Ireland	13729208.2	04 Jun 2013	2855454	25 May 2016
India	2496/MUMNP/2014	04 Jun 2013	326878	05 Dec 2019
Italy	13729208.2	04 Jun 2013	2855454	25 May 2016
Japan	2015-516145	04 Jun 2013	6181169	28 Jul 2017
Japan	2017-116558	04 Jun 2013	6356876	22 Jun 2018
Japan	2018-113637	04 Jun 2013	6594487	04 Oct 2019
South Korea / Republic of Korea	10-2014-7036884	04 Jun 2013	10-2206434	18 Jan 2021
Macao	J/002783	04 Jun 2013	J/002783	07 Feb 2018
Netherlands	13729208.2	04 Jun 2013	2855454	25 May 2016
Portugal	13729208.2	04 Jun 2013	2855454	25 May 2016
Sweden	13729208.2	04 Jun 2013	2855454	25 May 2016
United States Of America	61/655935	05 Jun 2012		
United States Of America	13/800202	13 Mar 2013	9056860	16 Jun 2015
United States Of America	15/228825	04 Aug 2016	9718807	01 Aug 2017
WIPO	US2013/044148	04 Jun 2013		
Germany	13729569.7	04 Jun 2013	2855478	08 Aug 2018
European Procedure (Patents)	13729569.7	04 Jun 2013	2855478	08 Aug 2018
Spain	13729569.7	04 Jun 2013	2855478	08 Aug 2018
France	13729569.7	04 Jun 2013	2855478	08 Aug 2018
United Kingdom	13729569.7	04 Jun 2013	2855478	08 Aug 2018

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Hong Kong	15105959.1	04 Jun 2013	1205127	23 Aug 2019
Ireland	13729569.7	04 Jun 2013	2855478	08 Aug 2018
Italy	502018000037164	04 Jun 2013	2855478	08 Aug 2018
United States Of America	61/655934	05 Jun 2012		
United States Of America	61/759295	31 Jan 2013		
United States Of America	13/800374	13 Mar 2013	8969588	03 Mar 2015
United States Of America	14/600911	20 Jan 2015	9139570	22 Sep 2015
United States Of America	14/825386	13 Aug 2015	9682987	20 Jun 2017
WIPO	US2013/044138	04 Jun 2013		
Albania	16190694.6	02 Jul 2013	3159345	09 Jan 2019
Armenia	201790661	02 Jul 2013	033961	13 Dec 2019
ARIPO	AP/P/2014/008166	02 Jul 2013	AP3903	17 Nov 2016
Argentina	20130102368	02 Jul 2013		
Austria	16190694.6	02 Jul 2013	3159345	09 Jan 2019
Azerbaijan	201790661	02 Jul 2013	033961	13 Dec 2019
Bosnia-Herzegovina	16190694.6	02 Jul 2013	3159345	09 Jan 2019
Belgium	16190694.6	02 Jul 2013	3159345	09 Jan 2019
Bulgaria	16190694.6	02 Jul 2013	3159345	09 Jan 2019
Brazil	1120140330808	02 Jul 2013		
Brazil	BR122021012378-0	02 Jul 2013		
Belarus	201790661	02 Jul 2013	033961	13 Dec 2019
Switzerland	13739324.5	02 Jul 2013	2870160	28 Sep 2016
Switzerland	16190694.6	02 Jul 2013	3159345	09 Jan 2019
Chile	3634-2014	02 Jul 2013	57.369	20 May 2019
China	201380042756.6	02 Jul 2013	ZL201380042756.6	24 Aug 2016

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China	201610474633.5	02 Jul 2013	ZL201610474633.5	30 Aug 2019
Colombia	15005727	02 Jul 2013	6755	28 Apr 2016
Costa Rica	2015-0045	17 Sep 2020		07 Dec 2020
Costa Rica	2015-0045	02 Jul 2013	3999	17 Sep 2020
Cyprus (Republic)	16190694.6	02 Jul 2013	3159345	09 Jan 2019
Czech Republic	13739324.5	02 Jul 2013	2870160	28 Sep 2016
Czech Republic	16190694.6	02 Jul 2013	3159345	09 Jan 2019
Germany	13739324.5	02 Jul 2013	2870160	28 Sep 2016
Germany	16190694.6	02 Jul 2013	3159345	09 Jan 2019
Germany	18215386.6	02 Jul 2013	3492464	19 Aug 2020
Denmark	13739324.5	02 Jul 2013	2870160	28 Sep 2016
Denmark	16190694.6	02 Jul 2013	3159345	09 Jan 2019
Eurasian Procedure	201790661	02 Jul 2013	033981	13 Dec 2019
Estonia	13739324.5	02 Jul 2013	2870160	28 Sep 2016
Estonia	16190694.6	02 Jul 2013	3159345	09 Jan 2019
Egypt	2100/2014PCT	02 Jul 2013		
European Procedure (Patents)	13739324.5	02 Jul 2013	2870160	28 Sep 2016
European Procedure (Patents)	16190694.6	02 Jul 2013	3159345	09 Jan 2019
European Procedure (Patents)	18215386.6	02 Jul 2013	3492464	19 Aug 2020
European Procedure (Patents)	20191299.5	02 Jul 2013		
Spain	16190694.6	02 Jul 2013	3159345	09 Jan 2019
Spain	18215386.6	02 Jul 2013	3492464	19 Aug 2020
Finland	16190694.6	02 Jul 2013	3159345	09 Jan 2019
France	13739324.5	02 Jul 2013	2870160	28 Sep 2016
France	16190694.6	02 Jul 2013	3159345	09 Jan 2019
France	18215386.6	02 Jul 2013	3492464	19 Aug 2020
United Kingdom	13739324.5	02 Jul 2013	2870160	28 Sep 2016
United Kingdom	16190694.6	02 Jul 2013	3159345	09 Jan 2019

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United Kingdom	18215386.6	02 Jul 2013	3492464	19 Aug 2020
Gulf Cooperation Council	2013/24849	02 Jul 2013		
Greece	16190694.6	02 Jul 2013	3159345	09 Jan 2019
Hong Kong	15109972.6	02 Jul 2013	1209416	10 Nov 2017
Hong Kong	17104865.5	02 Jul 2013	1231100	08 May 2020
Hong Kong	15110878.9	02 Jul 2013	1210151	10 Nov 2017
Hong Kong	17110191.7	02 Jul 2013	1236517	27 Sep 2019
Hong Kong	19132624.8	02 Jul 2013	40009144A	19 Jun 2020
Croatia	16190694.6	02 Jul 2013	3159345	09 Jan 2019
Hungary	13739324.5	02 Jul 2013	2870160	28 Sep 2016
Hungary	16190694.6	02 Jul 2013	3159345	09 Jan 2019
Indonesia	P00201408047	02 Jul 2013	IDP0000057451	25 Mar 2019
Ireland	16190694.6	02 Jul 2013	3159345	09 Jan 2019
Ireland	18215386.6	02 Jul 2013	3492464	19 Aug 2020
Israel	236500	02 Jul 2013	236500	29 May 2018
Israel	252446	02 Jul 2013	252446	21 Dec 2018
Israel	261581	02 Jul 2013	261581	01 Feb 2020
Iceland	13739324.5	02 Jul 2013	2870160	28 Sep 2016
Iceland	16190694.6	02 Jul 2013	3159345	09 Jan 2019
Italy	16190694.6	02 Jul 2013	3159345	09 Jan 2019
Italy	18215386.6	02 Jul 2013	3492464	19 Aug 2020
Japan	2020-85702	02 Jul 2013		
Kyrgyzstan	201790661	02 Jul 2013	033961	13 Dec 2019
South Korea / Republic of Korea	10-2016-7008636	02 Jul 2013	10-2040023	29 Oct 2019
Kazakhstan	201790661	02 Jul 2013	033961	13 Dec 2019
Lithuania	16190694.6	02 Jul 2013	3159345	09 Jan 2019
Luxembourg	13739324.5	02 Jul 2013	2870160	28 Sep 2016
Luxembourg	16190694.6	02 Jul 2013	3159345	09 Jan 2019
Latvia	16190694.6	02 Jul 2013	3159345	09 Jan 2019
Morocco	0037659	02 Jul 2013	37659	28 Sep 2018

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Monaco	16190694.6	02 Jul 2013	3159345	09 Jan 2019
Montenegro	16190694.6	02 Jul 2013	3159345	09 Jan 2019
North Macedonia	16190694.6	02 Jul 2013	3159345	09 Jan 2019
Macao	J/002413	02 Jul 2013	J/002413	15 Mar 2017
Macao	J/003891	02 Jul 2013	J/003891	10 Dec 2019
Malta	16190694.6	02 Jul 2013	3159345	09 Jan 2019
Mexico	MX/a/2018/013668	02 Jul 2013		
Mexico	MX/a/2014/015846	02 Jul 2013	360597	09 Nov 2018
Malaysia	PI2014003617	02 Jul 2013	MY-173342-A	17 Jan 2020
Malaysia	PI2018702791	02 Jul 2013		
Netherlands	16190694.6	02 Jul 2013	3159345	09 Jan 2019
Norway	16190694.6	02 Jul 2013	3159345	09 Jan 2019
New Zealand	703064	02 Jul 2013	703064	24 Mar 2017
New Zealand	739248	02 Jul 2013	739248	03 Sep 2019
OAPI	1201400575	02 Jul 2013	17196	31 Aug 2015
Panama	90482	02 Jul 2013	90482-01	06 Oct 2020
Peru	2587-2014/DIN	02 Jul 2013	9622	24 May 2019
Poland	16190694.6	02 Jul 2013	3159345	09 Jan 2019
Portugal	13739324.5	02 Jul 2013	2870160	28 Sep 2016
Portugal	16190694.6	02 Jul 2013	3159345	09 Jan 2019
Romania	16190694.6	02 Jul 2013	3159345	09 Jan 2019
Serbia (ex-Serbia & Montenegro)	16190694.6	02 Jul 2013	3159345	09 Jan 2019
Russian Federation	201790661	02 Jul 2013	033961	13 Dec 2019
Sweden	16190694.6	02 Jul 2013	3159345	09 Jan 2019
Singapore	11201408739V	02 Jul 2013	11201408739V	03 May 2017
Singapore	10201702950T	02 Jul 2013		
Singapore	10201912269Y	02 Jul 2013		
Slovenia	16190694.6	02 Jul 2013	3159345	09 Jan 2019
Slovakia	16190694.6	02 Jul 2013	3159345	09 Jan 2019
San Marino	13739324.5	02 Jul 2013	2870160	28 Sep 2016

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San Marino	16190694.6	02 Jul 2013	3159345	09 Jan 2019
Tajikistan	201790661	02 Jul 2013	033961	13 Dec 2019
Turkmenistan	201790661	02 Jul 2013	033961	13 Dec 2019
Turkey	13739324.5	02 Jul 2013	2870160	28 Sep 2016
Turkey	16190694.6	02 Jul 2013	3159345	09 Jan 2019
Ukraine	a201413651	02 Jul 2013	119315	10 Jun 2019
United States Of America	17/230194	14 Apr 2021		
Vietnam	1-2020-02124	02 Jul 2013		
South Africa	2014/09219	02 Jul 2013	2014/09219	28 Mar 2018
Austria	10175643.5	18 Oct 2001	2251015	20 Feb 2013
Australia	2002228749	18 Oct 2001	2002228749	07 Aug 2008
Belgium	10175643.5	18 Oct 2001	2251015	20 Feb 2013
Canada	2426187	18 Oct 2001	2426187	16 Aug 2011
Switzerland	10175643.5	18 Oct 2001	2251015	20 Feb 2013
China	01820816.9	18 Oct 2001	ZL01820816.9	25 Jun 2014
China	201010192903.6	18 Oct 2001	ZL201010192903.6	04 Jun 2014
Cyprus (Republic)	10175643.5	18 Oct 2001	2251015	20 Feb 2013
Germany	10175643.5	18 Oct 2001	2251015	20 Feb 2013
Denmark	10175643.5	18 Oct 2001	2251015	20 Feb 2013
European Procedure (Patents)	01987756.2	18 Oct 2001	1411954	15 Dec 2010
European Procedure (Patents)	10175643.5	18 Oct 2001	2251015	20 Feb 2013
Spain	10175643.5	18 Oct 2001	2251015	20 Feb 2013
Finland	10175643.5	18 Oct 2001	2251015	20 Feb 2013
France	10175643.5	18 Oct 2001	2251015	20 Feb 2013
United Kingdom	10175643.5	18 Oct 2001	2251015	20 Feb 2013
Greece	10175643.5	18 Oct 2001	2251015	20 Feb 2013
Hong Kong	05110563.1	18 Oct 2001	1078482	12 Jun 2015
Hong Kong	11102651.3	18 Oct 2001	1148470	05 Jun 2015
Ireland	10175643.5	18 Oct 2001	2251015	20 Feb 2013
Italy	10175643.5	18 Oct 2001	2251015	20 Feb 2013

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South Korea / Republic of Korea	10-2008-7007867	18 Oct 2001	10-0905221	23 Jun 2009
South Korea / Republic of Korea	10-2009-7000004	18 Oct 2001	10-1005299	24 Dec 2010
South Korea / Republic of Korea	10-2010-7014460	18 Oct 2001	10-1201552	08 Nov 2012
South Korea / Republic of Korea	10-2011-7007042	18 Oct 2001	10-1195019	22 Oct 2012
Liechtenstein	10175643.5	18 Oct 2001	2251015	20 Feb 2013
Luxembourg	10175643.5	18 Oct 2001	2251015	20 Feb 2013
Monaco	10175643.5	18 Oct 2001	2251015	20 Feb 2013
Netherlands	10175643.5	18 Oct 2001	2251015	20 Feb 2013
Portugal	10175643.5	18 Oct 2001	2251015	20 Feb 2013
Sweden	10175643.5	18 Oct 2001	2251015	20 Feb 2013
Turkey	10175643.5	18 Oct 2001	2251015	20 Feb 2013
Taiwan	90126014	22 Oct 2001	1293306	11 Feb 2008
United States Of America	60/241488	18 Oct 2000		
United States Of America	60/282156	06 Apr 2001		
United States Of America	13/908098	03 Jun 2013	10100076	16 Oct 2018
United States Of America	17/150087	15 Jan 2021		
WIPO	PCT/US01/46113	18 Oct 2001		
WIPO	US01/47223	18 Oct 2001		
Austria	15747596.3	08 Jun 2015	3134984	15 Aug 2018
Australia	2015274967	08 Jun 2015	2015274967	19 Jul 2018
Australia	2018204886	08 Jun 2015	2018204886	19 Nov 2020
Australia	2020264335	08 Jun 2015		

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Belgium	15747596.3	08 Jun 2015	3154984	15 Aug 2018
Brazil	BR112016028773-8	08 Jun 2015		
Canada	2951138	08 Jun 2015	2951138	24 Dec 2019
Switzerland	15747596.3	08 Jun 2015	3154984	15 Aug 2018
Germany	15747596.3	08 Jun 2015	3154984	15 Aug 2018
European Procedure (Patents)	15747596.3	08 Jun 2015	3154984	15 Aug 2018
Spain	15747596.3	08 Jun 2015	3154984	15 Aug 2018
France	15747596.3	08 Jun 2015	3154984	15 Aug 2018
United Kingdom	15747596.3	08 Jun 2015	3154984	15 Aug 2018
Hong Kong	17108682.7	08 Jun 2015		
Hong Kong	17109997.5	08 Jun 2015	1236198	23 Aug 2019
Ireland	15747596.3	08 Jun 2015	3154984	15 Aug 2018
India	201627041076	08 Jun 2015		
Italy	15747596.3	08 Jun 2015	3154984	15 Aug 2018
Japan	2016-572416	08 Jun 2015	6295348	23 Feb 2018
Japan	2019-137834	08 Jun 2015		
Japan	2019-700175	08 Apr 2019	6295348	01 Jul 2020
South Korea / Republic of Korea	10-2017-7000461	08 Jun 2015	10-1908642	10 Oct 2018
Netherlands	15747596.3	08 Jun 2015	3154984	15 Aug 2018
Portugal	15747596.3	08 Jun 2015	3154984	15 Aug 2018
Sweden	15747596.3	08 Jun 2015	3154984	15 Aug 2018
Taiwan	104117181	28 May 2015	1679203	11 Dec 2019
United States Of America	62/010813	11 Jun 2014		
United States Of America	14/733139	08 Jun 2015	9670187	06 Jun 2017
United States Of America	15/582224	28 Apr 2017	9890134	13 Feb 2018
United States Of America	16/404550	06 May 2019	10584109	10 Mar 2020

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United States Of America	16/744576	16 Jan 2020		
WIPO	US2015/034655	08 Jun 2015		
United States Of America	11/970908	08 Jan 2008	7772208	10 Aug 2010
WIPO	US02/040081	13 Dec 2002		
WIPO	US03/04379	13 Feb 2003		
United States Of America	60/202663	08 May 2000		
United States Of America	60/179068	13 Apr 2000		
WIPO	US01/012050	13 Apr 2001		
WIPO	US03/024986	06 Aug 2003		
Argentina	20180101768	27 May 2004		
Austria	13152340.9	21 Apr 2004	2604620	29 Jun 2016
Australia	2004253860	21 Apr 2004	2004253860	24 Sep 2009
Belgium	13152340.9	21 Apr 2004	2604620	29 Jun 2016
Belgium	2016C/076	21 Dec 2016		
Bulgaria	13152340.9	21 Apr 2004	2604620	29 Jun 2016
Bulgaria	2016/0054	22 Dec 2016	2016/0054	10 May 2018
Brazil	PI0410846-9	21 Apr 2004	PI0410846-9	15 Jan 2019
Brazil	PI0419345-8	21 Apr 2004	PI0419345-8	22 Dec 2020
Brazil	BR1220180150505	21 Apr 2004		
Canada	2527657	21 Apr 2004	2527657	14 Jun 2011
Switzerland	13152340.9	21 Apr 2004	2604620	29 Jun 2016
Switzerland	C02604620/01	22 Dec 2016		
China	200480019148.4	21 Apr 2004	ZL200480019148.4	24 Jun 2009
Colombia	05123296	21 Apr 2004	1214	31 Jan 2011
Cyprus (Republic)	13152340.9	21 Apr 2004	2604620	29 Jun 2016
Cyprus (Republic)	SPCCY2016052	22 Dec 2016	SPCCY2016052	24 Apr 2018
Czech Republic	13152340.9	21 Apr 2004	2604620	29 Jun 2016
Czech Republic	SPC/CZ2016/500	21 Dec 2016	2604620/500	15 Oct 2018
Germany	13152340.9	21 Apr 2004	2604620	29 Jun 2016
Denmark	13152340.9	21 Apr 2004	2604620	29 Jun 2016

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Denmark	CA201600067	21 Dec 2016		
Estonia	13152340.9	21 Apr 2004	2604620	29 Jun 2016
Estonia	C20160049	21 Dec 2016		
European Procedure (Patents)	13152340.9	21 Apr 2004	2604620	29 Jun 2016
European Procedure (Patents)	19160413.1	21 Apr 2004		
Spain	13152340.9	21 Apr 2004	2604620	29 Jun 2016
Finland	13152340.9	21 Apr 2004	2604620	29 Jun 2016
Finland	C20160059	21 Dec 2016		
France	13152340.9	21 Apr 2004	2604620	29 Jun 2016
United Kingdom	13152340.9	21 Apr 2004	2604620	29 Jun 2016
Greece	13152340.9	21 Apr 2004	2604620	29 Jun 2016
Hong Kong	06108042.5	21 Apr 2004	1091661	15 Nov 2019
Hong Kong	11109843.7	21 Apr 2004		
Hong Kong	11109846.4	21 Apr 2004		
Hong Kong	11109844.6	21 Apr 2004		
Hong Kong	11109845.5	21 Apr 2004		
Hong Kong	13114105.8	21 Apr 2004	1187349	20 Apr 2018
Hong Kong	42020002243.2	21 Apr 2004		
Croatia	13152340.9	21 Apr 2004	2604620	29 Jun 2016
Croatia	S20160028A	21 Dec 2016		
Hungary	13152340.9	21 Apr 2004	2604620	29 Jun 2016
Hungary	S1600062	21 Dec 2016		
Indonesia	W00200503201	21 Apr 2004	IDP000028288	19 May 2011
Indonesia	W00201101421	21 Apr 2004	IDP000064250	31 Oct 2019
Ireland	13152340.9	21 Apr 2004	2604620	29 Jun 2016
Israel	172259	21 Apr 2004	172259	31 Mar 2011
Israel	210367	21 Apr 2004	210367	01 Mar 2013
India	6087/DELNP/2005	21 Apr 2004	273003	09 May 2016
Italy	13152340.9	21 Apr 2004	2604620	29 Jun 2016
Italy	132016000130801	23 Dec 2016	132016000130801	24 May 2017
Japan	2006-513231	21 Apr 2004	4958158	30 Mar 2012
Japan	2011-090054	21 Apr 2004	5266357	10 May 2013

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South Korea / Republic of Korea	10-2005-7022965	21 Apr 2004	10-0883703	06 Feb 2009
Lithuania	13152340.9	21 Apr 2004	2604620	29 Jun 2016
Lithuania	PA2016046	21 Dec 2016		
Luxembourg	13152340.9	21 Apr 2004	2604620	29 Jun 2016
Luxembourg	93391	22 Dec 2016	93391	17 Mar 2017
Latvia	13152340.9	21 Apr 2004	2604620	29 Jun 2016
Monaco	13152340.9	21 Apr 2004	2604620	29 Jun 2016
Mexico	PA/a-2005/12788	21 Apr 2004	275935	14 May 2010
Malaysia	PI20041584	21 Apr 2004	138477	30 Jun 2009
Netherlands	13152340.9	21 Apr 2004	2604620	29 Jun 2016
Norway	20056221	21 Apr 2004	333700	26 Aug 2013
New Zealand	543867	21 Apr 2004	543867	10 Sep 2009
Oman	112/2005	21 Apr 2004		
Philippines	1-2005-502136	21 Apr 2004	1-2005-502136	30 Sep 2009
Poland	13152340.9	21 Apr 2004	2604620	29 Jun 2016
Portugal	13152340.9	21 Apr 2004	2604620	29 Jun 2016
Romania	13152340.9	21 Apr 2004	2604620	29 Jun 2016
Russian Federation	2005141176	21 Apr 2004	2358979	20 Jun 2009
Sweden	13152340.9	21 Apr 2004	2604620	29 Jun 2016
Singapore	05074893	21 Apr 2004	117252	30 Jun 2008
Slovenia	13152340.9	21 Apr 2004	2604620	29 Jun 2016
Slovenia	201640053	21 Dec 2016	201640053	06 Feb 2017
Slovakia	13152340.9	21 Apr 2004	2604620	29 Jun 2016
Slovakia	5035-2016	22 Dec 2016		
Thailand	0401001521	29 Apr 2004		
Turkey	13152340.9	21 Apr 2004	2604620	29 Jun 2016
Taiwan	093112913	07 May 2004	1333956	01 Dec 2010
United States Of America	10/828753	21 Apr 2004	7429572	30 Sep 2008
United States Of America	12/878262	09 Sep 2010	8415322	09 Apr 2013

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United States Of America	11/854218	12 Sep 2007	10287311	14 May 2019
United States Of America	60/474368	30 May 2003		
WIPO	US2004/12472	21 Apr 2004		
South Africa	2005/09521	21 Apr 2004	2005-09521	25 Oct 2006
Austria	05775359.2	21 Jul 2005	1773856	01 Feb 2012
Australia	2005267051	21 Jul 2005	2005267051	08 Dec 2011
Australia	2011200941	21 Jul 2005	2011200941	03 May 2012
Belgium	05775359.2	21 Jul 2005	1773856	01 Feb 2012
Canada	2574651	21 Jul 2005	2574651	21 May 2013
Canada	2735079	21 Jul 2005	2735079	05 Nov 2013
Switzerland	05775359.2	21 Jul 2005	1773856	01 Feb 2012
China	200580031530.1	21 Jul 2005	ZL2005800315301	18 May 2011
China	201110079046.3	21 Jul 2005	ZL201110079046.3	17 Sep 2014
Czech Republic	05775359.2	21 Jul 2005	1773856	01 Feb 2012
Germany	05775359.2	21 Jul 2005	1773856	01 Feb 2012
European Procedure (Patents)	05775359.2	21 Jul 2005	1773856	01 Feb 2012
Spain	05775359.2	21 Jul 2005	1773856	01 Feb 2012
France	05775359.2	21 Jul 2005	1773856	01 Feb 2012
United Kingdom	05775359.2	21 Jul 2005	1773856	01 Feb 2012
Greece	05775359.2	21 Jul 2005	1773856	01 Feb 2012
Hong Kong	07109437.5	30 Aug 2007	1106249	01 Jun 2012
Ireland	05775359.2	21 Jul 2005	1773856	01 Feb 2012
India	605/KOLNP/2007	21 Jul 2005	252108	25 Apr 2012
India	1301/KOLNP/2011	21 Jul 2005	280338	17 Feb 2017
Italy	05775359.2	21 Jul 2005	1773856	01 Feb 2012
Japan	2007-522763	21 Jul 2005	5078612	07 Sep 2012
Japan	2011-061926	21 Jul 2005	5351919	30 Aug 2013
South Korea / Republic of Korea	10-2007-7003980	21 Jul 2005	10-1236669	18 Feb 2013

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South Korea / Republic of Korea	10-2011-7006244	21 Jul 2005	10-1235548	14 Feb 2013
Netherlands	05775359.2	21 Jul 2005	1773856	01 Feb 2012
Poland	05775359.2	21 Jul 2005	1773856	01 Feb 2012
Portugal	05775359.2	21 Jul 2005	1773856	01 Feb 2012
Sweden	05775359.2	21 Jul 2005	1773856	01 Feb 2012
Slovenia	05775359.2	21 Jul 2005	1773856	01 Feb 2012
Slovakia	05775359.2	21 Jul 2005	1773856	01 Feb 2012
Turkey	05775359.2	21 Jul 2005	1773856	01 Feb 2012
United States Of America	11/353597	13 Feb 2006	7601820	13 Oct 2009
United States Of America	12/786459	25 May 2010	8481713	09 Jul 2013
WIPO	US05/25916	21 Jul 2005		
Austria	16164767.2	13 Sep 2005	3109244	06 Mar 2019
Australia	2005285045	13 Sep 2005	2005285045	25 Jan 2012
Belgium	16164767.2	13 Sep 2005	3109244	06 Mar 2019
Canada	2580457	13 Sep 2005	2580457	04 Nov 2014
Switzerland	16164767.2	13 Sep 2005	3109244	06 Mar 2019
China	200580037172.5	13 Sep 2005	ZL2005800371725	11 Jan 2012
Czech Republic	16164767.2	13 Sep 2005	3109244	06 Mar 2019
Germany	05808357.7	13 Sep 2005	1809301	06 Nov 2019
Germany	16164767.2	13 Sep 2005	3109244	06 Mar 2019
European Procedure (Patents)	05808357.7	13 Sep 2005	1809301	06 Nov 2019
European Procedure (Patents)	16164767.2	13 Sep 2005	3109244	06 Mar 2019
Spain	05808357.7	13 Sep 2005	1809301	06 Nov 2019
Spain	16164767.2	13 Sep 2005	3109244	06 Mar 2019
France	05808357.7	13 Sep 2005	1809301	06 Nov 2019
France	16164767.2	13 Sep 2005	3109244	06 Mar 2019
United Kingdom	05808357.7	13 Sep 2005	1809301	06 Nov 2019
United Kingdom	16164767.2	13 Sep 2005	3109244	06 Mar 2019
Greece	16164767.2	13 Sep 2005	3109244	06 Mar 2019

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Hong Kong	09108744.3	13 Sep 2005	1130670	12 Oct 2012
Ireland	05808357.7	13 Sep 2005	1809301	06 Nov 2019
Ireland	16164767.2	13 Sep 2005	3109244	06 Mar 2019
India	1283/KOLNP/2007	13 Sep 2005	253415	25 Jul 2012
Italy	05808357.7	13 Sep 2005	1809301	06 Nov 2019
Italy	16164767.2	13 Sep 2005	3109244	06 Mar 2019
Japan	2007-532391	13 Sep 2005	5001842	25 May 2012
South Korea / Republic of Korea	10-2007-7008620	13 Sep 2005	10-1177590	21 Aug 2012
Netherlands	16164767.2	13 Sep 2005	3109244	06 Mar 2019
Poland	16164767.2	13 Sep 2005	3109244	06 Mar 2019
Portugal	16164767.2	13 Sep 2005	3109244	06 Mar 2019
Sweden	16164767.2	13 Sep 2005	3109244	06 Mar 2019
Slovenia	16164767.2	13 Sep 2005	3109244	06 Mar 2019
Slovakia	16164767.2	13 Sep 2005	3109244	06 Mar 2019
Turkey	16164767.2	13 Sep 2005	3109244	06 Mar 2019
United States Of America	60/610035	15 Sep 2004		
United States Of America	11/225425	13 Sep 2005	8492539	23 Jul 2013
United States Of America	15/425198	06 Feb 2017	10577389	03 Mar 2020
United States Of America	60/609783	14 Sep 2004		
WIPO	US05/32406	13 Sep 2005		
Germany	06825120.6	26 Sep 2006	1937825	21 Dec 2016
European Procedure (Patents)	06825120.6	26 Sep 2006	1937825	21 Dec 2016
Spain	06825120.6	26 Sep 2006	1937825	21 Dec 2016
France	06825120.6	26 Sep 2006	1937825	21 Dec 2016
United Kingdom	06825120.6	26 Sep 2006	1937825	21 Dec 2016
Ireland	06825120.6	26 Sep 2006	1937825	21 Dec 2016
Italy	06825120.6	26 Sep 2006	1937825	21 Dec 2016

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United States Of America	12/067995	26 Sep 2006	8569478	29 Oct 2013
United States Of America	60/720388	26 Sep 2005		
WIPO	US06/37470	26 Sep 2006		
United States Of America	12/444608	05 Oct 2007	8912321	16 Dec 2014
Anguilla	AI/A/2016/00196	26 Mar 2008	AI/A/2016/00196	01 Feb 2017
Argentina	120100340	02 Feb 2012		
Argentina	20170103608	22 Dec 2017		
Argentina	P20200101290	06 May 2020		
Austria	08732818.3	26 Mar 2008	2203462	21 May 2014
Austria	14179358.8	26 Mar 2008	2826784	26 Jun 2019
Austria	SZ67/2014	18 Nov 2014	67/2014	15 Apr 2016
Australia	2008232827	26 Mar 2008	2008232827	29 Nov 2012
Australia	2012241173	26 Mar 2008	2012241173	08 Jan 2015
Australia	2012241173	07 Apr 2015	2012241173	08 Dec 2015
Australia	2014215983	26 Mar 2008	2014215983	25 Aug 2016
Australia	2014233579	26 Mar 2008	2014233579	06 Oct 2016
Australia	2021202327	26 Mar 2008		
Australia	2008232827	21 Aug 2014	2008232827	18 Aug 2015
Belgium	08732818.3	26 Mar 2008	2203462	21 May 2014
Belgium	14179358.8	26 Mar 2008	2826784	26 Jun 2019
Belgium	2014C/067	18 Nov 2014	2014C067	27 Oct 2017
Bulgaria	08732818.3	26 Mar 2008	2203462	21 May 2014
Bulgaria	43	19 Nov 2014	SPC/BG2014/0043	27 Sep 2016
Bermuda	566EP	16 Nov 2016	566EP	16 May 2017
Brunei Darussalam	RE/2012/0059	26 Mar 2008	RE/2012/0059	28 Nov 2012
Canada	2682230	26 Mar 2008	2682230	22 Apr 2014
Congo Dem. Rep. (Ex-Zaire)	NP/037/EXT/2016	26 Mar 2008		
Switzerland	08732818.3	26 Mar 2008	2203462	21 May 2014
Switzerland	14179358.8	26 Mar 2008	2826784	26 Jun 2019
Switzerland	C02203462/01	17 Nov 2014	C2203462/01	30 Nov 2016

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Chile	00902-2008	28 Mar 2008	49840	21 Jan 2014
China	201811280064.6	26 Mar 2008		
China	201811348434.5	26 Mar 2008		
China	201811432281.2	26 Mar 2008		
Cyprus (Northern)	233	26 Mar 2008	233	16 Mar 2017
Cyprus (Republic)	08732818.3	26 Mar 2008	2203462	21 May 2014
Cyprus (Republic)	SPCCY2014047	18 Nov 2014	SPCCY2014047	02 Jun 2017
Czech Republic	08732818.3	26 Mar 2008	2203462	21 May 2014
Czech Republic	14179358.8	26 Mar 2008	2826784	26 Jun 2019
Czech Republic	SPC/CZ2014/381	19 Nov 2014	2203462/381	12 Oct 2016
Germany	08732818.3	26 Mar 2008	2203462	21 May 2014
Germany	14179358.8	26 Mar 2008	2826784	26 Jun 2019
Germany	202008018643.9	26 Mar 2008	202008018643.9	16 Mar 2017
Germany	122014000108.1	19 Nov 2014	122014000108.1	21 Jul 2017
Denmark	08732818.3	26 Mar 2008	2203462	21 May 2014
Denmark	CA201400061	18 Nov 2014	CR201400061	10 Dec 2018
Estonia	08732818.3	26 Mar 2008	2203462	21 May 2014
Estonia	C20140035	19 Nov 2014	00135	15 Jun 2015
European Procedure (Patents)	08732818.3	26 Mar 2008	2203462	21 May 2014
European Procedure (Patents)	14169060.2	26 Mar 2008		
European Procedure (Patents)	14179358.8	26 Mar 2008	2826784	26 Jun 2019
Spain	08732818.3	26 Mar 2008	2203462	21 May 2014
Spain	14179358.8	26 Mar 2008	2826784	26 Jun 2019
Spain	C201430078	19 Nov 2014	C201430078	21 Oct 2015
Ethiopia	ET/PI/2017/238	26 Mar 2008	168	19 Dec 2017
Finland	08732818.3	26 Mar 2008	2203462	21 May 2014
Finland	C20140055	19 Nov 2014		
Fiji	1237	26 Mar 2008	1237	21 May 2014

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Falkland Islands (Malvinas)	08732818.3	26 Mar 2008	15604	11 Oct 2016
France	08732818.3	26 Mar 2008	2203462	21 May 2014
France	14179358.8	26 Mar 2008	2826784	26 Jun 2019
France	14C0082	19 Nov 2014	15/46	13 Nov 2015
United Kingdom	08732818.3	26 Mar 2008	2203462	21 May 2014
United Kingdom	14179358.8	26 Mar 2008	2826784	26 Jun 2019
United Kingdom	SPC/GB14/078	18 Nov 2014	SPC/GB14/078	07 Sep 2020
United Kingdom	SPC/GB14/078	26 Mar 2008		
Grenada	2203462	26 Mar 2008	10 of 2016	08 Jan 2017
Guernsey	2203462	26 Mar 2008	GG-GP478	27 Sep 2016
Gambia	GM/P/3/2016	26 Mar 2008	2203462	30 Sep 2016
Greece	08732818.3	26 Mar 2008	2203462	21 May 2014
Greece	14179358.8	26 Mar 2008	2826784	26 Jun 2019
Greece	20140800059	19 Nov 2014	8000540	08 Sep 2015
Guyana	1665	26 Mar 2008	1665	28 Dec 2016
Hong Kong	11105202.0	26 Mar 2008		
Hong Kong	19127109.7	26 Mar 2008		
Hong Kong	19129737.3	26 Mar 2008		
Hong Kong	19129742.3	26 Mar 2008		
Hong Kong	15106528.1	26 Mar 2008		
Hong Kong	15106529.0	26 Mar 2008	1206034	28 Feb 2020
Croatia	08732818.3	26 Mar 2008	2203462	21 May 2014
Croatia	SDZ20140023	19 Nov 2014		
Hungary	08732818.3	26 Mar 2008	2203462	21 May 2014
Hungary	S1400059	18 Nov 2014	S000278	28 Jul 2017
Ireland	08732818.3	26 Mar 2008	2203462	21 May 2014
Ireland	14179358.8	26 Mar 2008	2826784	26 Jun 2019
Ireland	2014/065	17 Nov 2014	2014/065	11 Mar 2016
Israel	201239	26 Mar 2008	201239	25 Jun 2013
Israel	222810	26 Mar 2008	222810	01 Apr 2016
Israel	217228	26 Mar 2008	217228	30 Nov 2013
India	3658/KOLNP/2009	26 Mar 2008		

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Iceland	08732818.3	26 Mar 2008	2203462	21 May 2014
Iceland	SPC104	18 Nov 2014	SPC104	15 Apr 2016
Italy	08732818.3	26 Mar 2008	2203462	21 May 2014
Italy	14179358.8	26 Mar 2008	2826784	26 Jun 2019
Italy	UB2014CCP1.418	19 Nov 2014	0000001418	25 Feb 2016
Jersey	P980	26 Mar 2008	P980	19 Dec 2016
Jamaica	18/1/005761	26 Mar 2008		
Japan	2010-502196	26 Mar 2008	5318085	19 Jul 2013
Japan	2012-032352	26 Mar 2008	5539419	09 May 2014
Japan	2014-093905	26 Mar 2008	5774749	10 Jul 2015
Japan	2019-700171	08 Apr 2019	5774749	10 Mar 2020
Japan	2017-000051	26 Mar 2008	6377781	03 Aug 2018
Japan	2019-700170	08 Apr 2019	5318085	10 Mar 2020
Japan	2015-700221	25 Sep 2015	5318085	27 Sep 2016
Japan	2018-700127	15 May 2018	5318085	09 Oct 2018
Japan	2015-700133	24 Jun 2015	5318085	29 Sep 2015
Kiribati	14/2017	26 Mar 2008	14/2017	22 May 2017
South Korea / Republic of Korea	10-2009-7022652	26 Mar 2008	10-1432860	14 Aug 2014
South Korea / Republic of Korea	10-2012-7004146	26 Mar 2008	10-1525293	27 May 2015
South Korea / Republic of Korea	10-2014-7036573	26 Mar 2008	10-1527701	03 Jun 2015
South Korea / Republic of Korea	10-2015-0175267	09 Dec 2015	10-1432860-00-0010-1	15 Jul 2016
Cayman Islands	08732818.3	26 Mar 2008	2203462	15 Nov 2016
Lithuania	08732818.3	26 Mar 2008	2203462	21 May 2014
Lithuania	PA2014040	21 Nov 2014	C2203462	12 Dec 2016
Luxembourg	08732818.3	26 Mar 2008	2203462	21 May 2014
Luxembourg	92600	19 Nov 2014	92600	24 Nov 2015
Latvia	08732818.3	26 Mar 2008	2203462	21 May 2014
Latvia	C/LV2014/0036	20 Nov 2014	C/LV2014/0036/Z	20 May 2016
Monaco	08732818.3	26 Mar 2008	2203462	21 May 2014

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Montserrat	21 OF 2016	26 Mar 2008	21 OF 2016	28 Feb 2017
Malta	08732818.3	26 Mar 2008	2203462	21 May 2014
Mexico	MX/a/2009/010401	26 Mar 2008	296818	06 Mar 2012
Mexico	MX/a/2012/000289	26 Mar 2008	330675	01 Jun 2015
Malaysia	PI20094079	26 Mar 2008	MY-147409-A	30 Nov 2012
Malaysia	PI2013700238	26 Mar 2008		
Malaysia	PI2013700240	26 Mar 2008		
Netherlands	08732818.3	26 Mar 2008	2203462	21 May 2014
Netherlands	14179358.8	26 Mar 2008	2826784	26 Jun 2019
Netherlands	300704	19 Nov 2014	300704	29 Dec 2015
Norway	08732818.3	26 Mar 2008	2203462	21 May 2014
Norway	14179358.8	26 Mar 2008	2826784	26 Jun 2019
Norway	2014029	18 Nov 2014	2014029	24 Oct 2018
Nepal	12	26 Mar 2008		
New Zealand	579880	26 Mar 2008	579880	03 Sep 2012
New Zealand	599206	26 Mar 2008	599206	03 Dec 2013
Philippines	1-2009-501847	26 Mar 2008	1/2009/501847	11 Oct 2016
Poland	08732818.3	26 Mar 2008	2203462	21 May 2014
Poland	14179358.8	26 Mar 2008	2826784	26 Jun 2019
Poland	DPO.0312	19 Nov 2014	RD.0252	04 Feb 2019
Portugal	08732818.3	26 Mar 2008	2203462	21 May 2014
Portugal	14179358.8	26 Mar 2008	2826784	26 Jun 2019
Portugal	1000091328	19 Nov 2014	652	30 Jan 2019
Romania	08732818.3	26 Mar 2008	2203462	21 May 2014
Romania	e2014043	20 Nov 2014	RO/EP 2203462/26.03	30 Sep 2020
Russian Federation	2009139968	26 Mar 2008	2651892	24 Apr 2018
Russian Federation	2012152811	26 Mar 2008		
Russian Federation	2018103329	26 Mar 2008		

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Russian Federation	2009139968	16 Jun 2016	2478104	07 Feb 2017
Solomon Islands	J37/384	26 Mar 2008	J37/384	27 Oct 2016
Seychelles	2203462	26 Mar 2008	2203462	06 Feb 2017
Sweden	08732818.3	26 Mar 2008	2203462	21 May 2014
Sweden	14179358.8	26 Mar 2008	2826784	26 Jun 2019
Sweden	1490066-6	19 Nov 2014	1490066-6	24 Apr 2015
Singapore	200906460-1	26 Mar 2008	155711	31 May 2012
Slovenia	08732818.3	26 Mar 2008	2203462	21 May 2014
Slovenia	14179358.8	26 Mar 2008	2826784	26 Jun 2019
Slovenia	201440043	17 Nov 2014	201440043	16 Dec 2014
Slovakia	08732818.3	26 Mar 2008	2203462	21 May 2014
Slovakia	14179358.8	26 Mar 2008	2826784	26 Jun 2019
Slovakia	5029-2014	20 Nov 2014	214	13 Jan 2016
Turks & Caicos Islands	10235	26 Mar 2008	10235	03 Apr 2017
Thailand	0801001634	26 Mar 2008		
Turkey	08732818.3	26 Mar 2008	2203462	21 May 2014
Turkey	14179358.8	26 Mar 2008	2826784	26 Jun 2019
Taiwan	097111505	28 Mar 2008	1357332	01 Feb 2012
Taiwan	097111505	22 Jan 2016	1357332	12 Oct 2017
United States Of America	60/909315	30 Mar 2007		
United States Of America	60/982309	24 Oct 2007		
United States Of America	12/053015	21 Mar 2008	7964580	21 Jun 2011
United States Of America	13/099671	03 May 2011	8334270	18 Dec 2012
United States Of America	13/609614	11 Sep 2012	8580765	12 Nov 2013
United States Of America	14/013237	29 Aug 2013	9085573	21 Jul 2015
United States Of America	14/656546	12 Mar 2015	9585906	07 Mar 2017

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United States Of America	15/411506	20 Jan 2017	10183037	22 Jan 2019
United States Of America	17/077267	22 Oct 2020		
United States Of America	14/057675	18 Oct 2013	8735372	27 May 2014
United States Of America	14/254737	16 Apr 2014	8957046	17 Feb 2015
United States Of America	14/255833	17 Apr 2014	8906880	09 Dec 2014
Virgin Islands (British)	448/26/2016	26 Mar 2008	448/26/2016	26 Mar 2017
WIPO	US08/058183	26 Mar 2008		
South Africa	2009/06647	26 Mar 2008	2009/06647	26 Jun 2013
South Africa	2012/00310	26 Mar 2008	2012/00310	29 May 2013
Austria	08852934.2	17 Nov 2008	2227482	10 Jan 2018
Austria	12192594.5	17 Nov 2008	2631239	07 Jan 2015
Belgium	08852934.2	17 Nov 2008	2227482	10 Jan 2018
Belgium	12192594.5	17 Nov 2008	2631239	07 Jan 2015
Canada	2706327	17 Nov 2008	2706327	02 Oct 2018
Switzerland	08852934.2	17 Nov 2008	2227482	10 Jan 2018
Switzerland	12192594.5	17 Nov 2008	2631239	07 Jan 2015
China	200880125124.5	17 Nov 2008	ZL200880125124.5	15 Apr 2015
Czech Republic	08852934.2	17 Nov 2008	2227482	10 Jan 2018
Germany	08852934.2	17 Nov 2008	2227482	10 Jan 2018
Germany	14171097.0	17 Nov 2008	2848624	25 Mar 2020
Germany	12192594.5	17 Nov 2008	2631239	07 Jan 2015
European Procedure (Patents)	08852934.2	17 Nov 2008	2227482	10 Jan 2018
European Procedure (Patents)	14171097.0	17 Nov 2008	2848624	25 Mar 2020

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European Procedure (Patents)	12192594.5	17 Nov 2008	2631239	07 Jan 2015
Spain	08852934.2	17 Nov 2008	2227482	10 Jan 2018
Spain	14171097.0	17 Nov 2008	2848624	25 Mar 2020
Spain	12192594.5	17 Nov 2008	2631239	07 Jan 2015
France	08852934.2	17 Nov 2008	2227482	10 Jan 2018
France	14171097.0	17 Nov 2008	2848624	25 Mar 2020
France	12192594.5	17 Nov 2008	2631239	07 Jan 2015
United Kingdom	08852934.2	17 Nov 2008	2227482	10 Jan 2018
United Kingdom	12192594.5	17 Nov 2008	2631239	07 Jan 2015
United Kingdom	14171097.0	17 Nov 2008	2848624	25 Mar 2020
Greece	08852934.2	17 Nov 2008	2227482	10 Jan 2018
Hong Kong	11103048.3	17 Nov 2008	1149017	19 Feb 2016
Hong Kong	15109186.8	17 Nov 2008	1208468	27 Nov 2020
Ireland	08852934.2	17 Nov 2008	2227482	10 Jan 2018
Ireland	14171097.0	17 Nov 2008	2848624	25 Mar 2020
Ireland	12192594.5	17 Nov 2008	2631239	07 Jan 2015
Italy	08852934.2	17 Nov 2008	2227482	10 Jan 2018
Italy	14171097.0	17 Nov 2008	2848624	25 Mar 2020
Italy	12192594.5	17 Nov 2008	2631239	07 Jan 2015
Japan	2010-535016	17 Nov 2008	5492785	07 Mar 2014
Netherlands	08852934.2	17 Nov 2008	2227482	10 Jan 2018
Netherlands	12192594.5	17 Nov 2008	2631239	07 Jan 2015
Norway	08852934.2	17 Nov 2008	2227482	10 Jan 2018
Poland	08852934.2	17 Nov 2008	2227482	10 Jan 2018
Portugal	08852934.2	17 Nov 2008	2227482	10 Jan 2018
Portugal	12192594.5	17 Nov 2008	2631239	07 Jan 2015
Sweden	08852934.2	17 Nov 2008	2227482	10 Jan 2018
Slovenia	08852934.2	17 Nov 2008	2227482	10 Jan 2018
Slovakia	08852934.2	17 Nov 2008	2227482	10 Jan 2018
Turkey	08852934.2	17 Nov 2008	2227482	10 Jan 2018
United States Of America	13/324068	13 Dec 2011	8765710	01 Jul 2014
United States Of America	14/265840	30 Apr 2014	9296777	29 Mar 2016

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United States Of America	15/007810	27 Jan 2016	9676808	13 Jun 2017
United States Of America	60/989296	20 Nov 2007		
WIPO	US2008/83787	17 Nov 2008		
Germany	09763386.1	08 Jun 2009	2313422	04 Mar 2015
European Procedure (Patents)	09763386.1	08 Jun 2009	2313422	04 Mar 2015
Spain	09763386.1	08 Jun 2009	2313422	04 Mar 2015
France	09763386.1	08 Jun 2009	2313422	04 Mar 2015
United Kingdom	09763386.1	08 Jun 2009	2313422	04 Mar 2015
Ireland	09763386.1	08 Jun 2009	2313422	04 Mar 2015
Italy	09763386.1	08 Jun 2009	2313422	04 Mar 2015
United States Of America	61/140369	23 Dec 2008		
United States Of America	12/479075	05 Jun 2009	8173621	08 May 2012
United States Of America	13/439991	05 Apr 2012	8759510	24 Jun 2014
United States Of America	61/060683	11 Jun 2008		
WIPO	US2009/046619	08 Jun 2009		
United States Of America	12/645821	23 Dec 2009	8716263	06 May 2014
United States Of America	13/491437	07 Jun 2012	9045520	02 Jun 2015
United States Of America	61/140317	23 Dec 2008		
WIPO	US2009/069475	23 Dec 2009		
Austria	09795670.0	23 Dec 2009	2376088	22 Feb 2017
Australia	2009329867	23 Dec 2009	2009329867	14 May 2015
Belgium	09795670.0	23 Dec 2009	2376088	22 Feb 2017
Canada	2748057	23 Dec 2009	2748057	03 Jul 2018
Switzerland	09795670.0	23 Dec 2009	2376088	22 Feb 2017

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Germany	09795670.0	23 Dec 2009	2376088	22 Feb 2017
European Procedure (Patents)	09795670.0	23 Dec 2009	2376088	22 Feb 2017
Spain	09795670.0	23 Dec 2009	2376088	22 Feb 2017
France	09795670.0	23 Dec 2009	2376088	22 Feb 2017
United Kingdom	09795670.0	23 Dec 2009	2376088	22 Feb 2017
Ireland	09795670.0	23 Dec 2009	2376088	22 Feb 2017
Italy	09795670.0	23 Dec 2009	2376088	22 Feb 2017
Japan	2011-543685	23 Dec 2009	5713919	20 Mar 2015
Netherlands	09795670.0	23 Dec 2009	2376088	22 Feb 2017
Portugal	09795670.0	23 Dec 2009	2376088	22 Feb 2017
United States Of America	61/140383	23 Dec 2008		
United States Of America	12/645765	23 Dec 2009	8716262	06 May 2014
United States Of America	13/775333	25 Feb 2013	8957045	17 Feb 2015
United States Of America	61/140423	23 Dec 2008		
WIPO	US09/069469	23 Dec 2009		
United States Of America	12/645710	23 Dec 2009	8551973	08 Oct 2013
United States Of America	61/140441	23 Dec 2008		
WIPO	US2009/069420	23 Dec 2009		
Albania	10721225.0	20 May 2010	2432792	06 Jul 2016
Albania	11714465.9	31 Mar 2011	2552930	26 Aug 2015
Albania	13159791.6	31 Mar 2011	2609923	24 May 2017
Armenia	201290993	31 Mar 2011	026341	31 Mar 2017
ARIPO	AP/P/2012/006543	31 Mar 2011	AP3315	11 Jan 2016
Argentina	20100101753	20 May 2010	0082937	27 Apr 2017
Austria	10721225.0	20 May 2010	2432792	06 Jul 2016
Austria	11714465.9	31 Mar 2011	2552930	26 Aug 2015
Austria	13159791.6	31 Mar 2011	2609923	24 May 2017
Austria	15152203.4	20 May 2010	2913337	06 Sep 2017
Australia	2010249481	20 May 2010	2010249481	07 May 2015

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Australia	2011235112	31 Mar 2011	2011235112	22 Oct 2015
Australia	2014274548	10 Dec 2014	2014274548	19 May 2016
Australia	2016200676	03 Feb 2016	2016200676	14 Sep 2017
Bosnia-Herzegovina	11714465.9	31 Mar 2011	2552930	26 Aug 2015
Bosnia-Herzegovina	13159791.6	31 Mar 2011	2609923	24 May 2017
Belgium	10721225.0	20 May 2010	2432792	06 Jul 2016
Belgium	11714465.9	31 Mar 2011	2552930	26 Aug 2015
Belgium	13159791.6	31 Mar 2011	2609923	24 May 2017
Belgium	15152203.4	20 May 2010	2913337	06 Sep 2017
Bulgaria	10721225.0	20 May 2010	2432792	06 Jul 2016
Bulgaria	11714465.9	31 Mar 2011	2552930	26 Aug 2015
Bulgaria	13159791.6	31 Mar 2011	2609923	24 May 2017
Bahrain	20110122	20 May 2010		
Brazil	112012024923-1	31 Mar 2011		
Canada	2794669	31 Mar 2011	2794669	11 Oct 2016
Canada	2849694	31 Mar 2011	2849694	10 Jan 2017
Canada	2915187	20 May 2010	2915187	23 Jan 2018
Canada	2988217	20 May 2010	2988217	23 Jun 2020
Canada	3077960	20 May 2010		
Canada	2819700	20 May 2010	2819700	22 Mar 2016
Switzerland	10721225.0	20 May 2010	2432792	06 Jul 2016
Switzerland	11714465.9	31 Mar 2011	2552930	26 Aug 2015
Switzerland	13159791.6	31 Mar 2011	2609923	24 May 2017
Switzerland	15152203.4	20 May 2010	2913337	06 Sep 2017
Chile	903-2013	20 May 2010	54.379	07 Jul 2017
Chile	904-2013	20 May 2010	53.737	08 Feb 2017
China	201080032541.2	20 May 2010	ZL201080032541.2	30 Sep 2015
China	201180017181.3	31 Mar 2011		
China	201410247228.0	31 Mar 2011	ZL201410247228.0	12 Apr 2017
China	201510552266.1	20 May 2010	ZL201510552266.1	27 Apr 2021
Colombia	12-195.602	31 Mar 2011		
Costa Rica	2012-0532	31 Mar 2011		

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Cyprus (Republic)	10721225.0	20 May 2010	2432792	06 Jul 2016
Cyprus (Republic)	11714465.9	31 Mar 2011	2552930	26 Aug 2015
Cyprus (Republic)	13159791.6	31 Mar 2011	2609923	24 May 2017
Czech Republic	10721225.0	20 May 2010	2432792	06 Jul 2016
Czech Republic	11714465.9	31 Mar 2011	2552930	26 Aug 2015
Czech Republic	13159791.6	31 Mar 2011	2609923	24 May 2017
Germany	10721225.0	20 May 2010	2432792	06 Jul 2016
Germany	11714465.9	31 Mar 2011	2552930	26 Aug 2015
Germany	13159791.6	31 Mar 2011	2609923	24 May 2017
Germany	15152203.4	20 May 2010	2913337	06 Sep 2017
Denmark	10721225.0	20 May 2010	2432792	06 Jul 2016
Denmark	11714465.9	31 Mar 2011	2552930	26 Aug 2015
Denmark	13159791.6	31 Mar 2011	2609923	24 May 2017
Eurasian Procedure	201171417	20 May 2010	026731	31 May 2017
Eurasian Procedure	201290993	31 Mar 2011	026341	31 Mar 2017
Eurasian Procedure	201370186	20 May 2010	028742	29 Dec 2017
Eurasian Procedure	201592101	20 May 2010	028709	29 Dec 2017
Estonia	10721225.0	20 May 2010	2432792	06 Jul 2016
Estonia	11714465.9	31 Mar 2011	2552930	26 Aug 2015
Estonia	13159791.6	31 Mar 2011	2609923	24 May 2017
European Procedure (Patents)	10721225.0	20 May 2010	2432792	06 Jul 2016
European Procedure (Patents)	11714465.9	31 Mar 2011	2552930	26 Aug 2015
European Procedure (Patents)	13159791.6	31 Mar 2011	2609923	24 May 2017
European Procedure (Patents)	17172585.6	31 Mar 2011		
European Procedure (Patents)	15152203.4	20 May 2010	2913337	06 Sep 2017

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European Procedure (Patents)	17189286.2	20 May 2010		
Spain	10721225.0	20 May 2010	2432792	06 Jul 2016
Spain	11714465.9	31 Mar 2011	2552930	26 Aug 2015
Spain	13159791.6	31 Mar 2011	2609923	24 May 2017
Spain	15152203.4	20 May 2010	2913337	06 Sep 2017
Finland	10721225.0	20 May 2010	2432792	06 Jul 2016
Finland	11714465.9	31 Mar 2011	2552930	26 Aug 2015
Finland	13159791.6	31 Mar 2011	2609923	24 May 2017
France	10721225.0	20 May 2010	2432792	06 Jul 2016
France	11714465.9	31 Mar 2011	2552930	26 Aug 2015
France	13159791.6	31 Mar 2011	2609923	24 May 2017
France	15152203.4	20 May 2010	2913337	06 Sep 2017
United Kingdom	10721225.0	20 May 2010	2432792	06 Jul 2016
United Kingdom	11714465.9	31 Mar 2011	2552930	26 Aug 2015
United Kingdom	13159791.6	31 Mar 2011	2609923	24 May 2017
United Kingdom	15152203.4	20 May 2010	2913337	06 Sep 2017
Greece	10721225.0	20 May 2010	2432792	06 Jul 2016
Greece	11714465.9	31 Mar 2011	2552930	26 Aug 2015
Greece	13159791.6	31 Mar 2011	2609923	24 May 2017
Hong Kong	18110925.9	31 Mar 2011		
Hong Kong	13110269.8	31 Mar 2011	1182938	02 Mar 2018
Hong Kong	13105092.1	31 Mar 2011	1178171	01 Apr 2016
Hong Kong	12110083.3	20 May 2010	1169414	29 Jul 2016
Hong Kong	16101531.6	20 May 2010	1213572	13 Apr 2018
Hong Kong	18114084.8	20 May 2010		
Hong Kong	16101521.8	20 May 2010		
Croatia	10721225.0	20 May 2010	2432792	06 Jul 2016
Croatia	11714465.9	31 Mar 2011	2552930	26 Aug 2015
Croatia	13159791.6	31 Mar 2011	2609923	24 May 2017
Hungary	10721225.0	20 May 2010	2432792	06 Jul 2016
Hungary	11714465.9	31 Mar 2011	2552930	26 Aug 2015
Hungary	13159791.6	31 Mar 2011	2609923	24 May 2017
Indonesia	W00201204454	31 Mar 2011	IDP000051328	30 May 2018

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Ireland	10721225.0	20 May 2010	2432792	06 Jul 2016
Ireland	11714465.9	31 Mar 2011	2552930	26 Aug 2015
Ireland	13159791.6	31 Mar 2011	2609923	24 May 2017
Ireland	15152203.4	20 May 2010	2913337	06 Sep 2017
Israel	216492	20 May 2010	216492	01 Oct 2015
Israel	222099	31 Mar 2011	222099	29 Dec 2017
Israel	239115	20 May 2010	239115	01 Nov 2016
Israel	237471	20 May 2010	237471	01 Feb 2017
India	4972/KOLNP/2011	20 May 2010	346815	15 Sep 2020
India	202038035050	20 May 2010		
Iceland	10721225.0	20 May 2010	2432792	06 Jul 2016
Iceland	11714465.9	31 Mar 2011	2552930	26 Aug 2015
Iceland	13159791.6	31 Mar 2011	2609923	24 May 2017
Italy	10721225.0	20 May 2010	2432792	06 Jul 2016
Italy	11714465.9	31 Mar 2011	2552930	26 Aug 2015
Italy	13159791.6	31 Mar 2011	2609923	24 May 2017
Italy	15152203.4	20 May 2010	2913337	06 Sep 2017
Japan	2012-512643	20 May 2010	5885659	19 Feb 2016
Japan	2013-502843	31 Mar 2011	6058528	16 Dec 2016
Japan	2015-122763	31 Mar 2011	6106716	10 Mar 2017
Japan	2014-197788	20 May 2010	5909535	01 Apr 2016
Japan	2015-203614	20 May 2010	6355605	22 Jun 2018
Japan	2019-700176	08 Apr 2019	6355605	07 Jul 2020
South Korea / Republic of Korea	10-2011-7030501	20 May 2010	10-1603817	09 Mar 2016
South Korea / Republic of Korea	10-2012-7028451	31 Mar 2011	10-1715981	07 Mar 2017
South Korea / Republic of Korea	10-2014-7032628	20 May 2010	10-1599183	24 Feb 2016
Kazakhstan	201290993	14 Apr 2017	026341	31 Oct 2017
Liechtenstein	10721225.0	20 May 2010	2432792	06 Jul 2016
Lithuania	10721225.0	20 May 2010	2432792	06 Jul 2016
Lithuania	11714465.9	31 Mar 2011	2552930	26 Aug 2015
Lithuania	13159791.6	31 Mar 2011	2609923	24 May 2017
Luxembourg	10721225.0	20 May 2010	2432792	06 Jul 2016

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Luxembourg	11714465.9	31 Mar 2011	2552930	26 Aug 2015
Luxembourg	13159791.6	31 Mar 2011	2609923	24 May 2017
Latvia	10721225.0	20 May 2010	2432792	06 Jul 2016
Latvia	11714465.9	31 Mar 2011	2552930	26 Aug 2015
Latvia	13159791.6	31 Mar 2011	2609923	24 May 2017
Monaco	10721225.0	20 May 2010	2432792	06 Jul 2016
Monaco	11714465.9	31 Mar 2011	2552930	26 Aug 2015
Monaco	13159791.6	31 Mar 2011	2609923	24 May 2017
Montenegro	11714465.9	31 Mar 2011	2552930	26 Aug 2015
Montenegro	13159791.6	31 Mar 2011	2609923	24 May 2017
North Macedonia	10721225.0	20 May 2010	2432792	06 Jul 2016
North Macedonia	11714465.9	31 Mar 2011	2552930	26 Aug 2015
North Macedonia	13159791.6	31 Mar 2011	2609923	24 May 2017
Macao	1/001962	20 May 2010	1/001962	24 Mar 2016
Malta	10721225.0	20 May 2010	2432792	06 Jul 2016
Malta	11714465.9	31 Mar 2011	2552930	26 Aug 2015
Malta	13159791.6	31 Mar 2011	2609923	24 May 2017
Mexico	MX/a/2011/012417	20 May 2010	320108	13 May 2014
Mexico	MX/a/2014/005752	31 Mar 2011	350725	14 Sep 2017
Mexico	MX/a/2013/003554	20 May 2010	324805	23 Oct 2014
Malaysia	PI2011005625	20 May 2010	MY-176918-A	26 Aug 2020
Malaysia	PI2016701103	20 May 2010		
Netherlands	10721225.0	20 May 2010	2432792	06 Jul 2016
Netherlands	11714465.9	31 Mar 2011	2552930	26 Aug 2015
Netherlands	13159791.6	31 Mar 2011	2609923	24 May 2017
Netherlands	15152203.4	20 May 2010	2913337	06 Sep 2017
Norway	10721225.0	20 May 2010	2432792	06 Jul 2016
Norway	11714465.9	31 Mar 2011	2552930	26 Aug 2015
Norway	13159791.6	31 Mar 2011	2609923	24 May 2017

Country	Application Number	Filing Date	Patent Number	Grant Date
New Zealand	596635	20 May 2010	596635	02 Sep 2014
New Zealand	603232	31 Mar 2011	603232	28 May 2015
New Zealand	709926	20 May 2010	709926	28 Feb 2017
New Zealand	623602	20 May 2010	623602	02 Feb 2016
OAPI	1201200367	31 Mar 2011	16103	31 Oct 2013
Panama	88758	20 May 2010	88758-01	10 Jan 2012
Panama	89230	31 Mar 2011	89230-01	23 Jan 2013
Peru	1750.2012	31 Mar 2011	8466	15 Aug 2017
Philippines	1-2011-502433	20 May 2010	1-2011-502433	14 Jan 2016
Philippines	1-2014-502684	20 May 2010	1-2014-502684	01 Jun 2018
Philippines	1-2015-502237	20 May 2010	1-2015-502237	29 Jun 2018
Pakistan	233/2011	31 Mar 2011		
Pakistan	748/2012	31 Mar 2011		
Poland	10721225.0	20 May 2010	2432792	06 Jul 2016
Poland	11714465.9	31 Mar 2011	2552930	26 Aug 2015
Poland	13159791.6	31 Mar 2011	2609923	24 May 2017
Portugal	10721225.0	20 May 2010	2432792	06 Jul 2016
Portugal	11714465.9	31 Mar 2011	2552930	26 Aug 2015
Portugal	13159791.6	31 Mar 2011	2609923	24 May 2017
Portugal	15152203.4	20 May 2010	2913337	06 Sep 2017
Romania	10721225.0	20 May 2010	2432792	06 Jul 2016
Romania	11714465.9	31 Mar 2011	2552930	26 Aug 2015
Romania	13159791.6	31 Mar 2011	2609923	24 May 2017
Serbia (ex-Serbia & Montenegro)	11714465.9	31 Mar 2011	2552930	26 Aug 2015
Serbia (ex-Serbia & Montenegro)	13159791.6	31 Mar 2011	2609923	24 May 2017
Russian Federation	201290993	03 Oct 2019		11 Nov 2020
Sweden	10721225.0	20 May 2010	2432792	06 Jul 2016
Sweden	11714465.9	31 Mar 2011	2552930	26 Aug 2015
Sweden	13159791.6	31 Mar 2011	2609923	24 May 2017

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Sweden	15152203.4	20 May 2010	2913337	06 Sep 2017
Singapore	201108610-5	20 May 2010		
Singapore	10201500835W	20 May 2010	10201500835W	09 Oct 2017
Slovenia	10721225.0	20 May 2010	2432792	06 Jul 2016
Slovenia	11714465.9	31 Mar 2011	2552930	26 Aug 2015
Slovenia	13159791.6	31 Mar 2011	2609923	24 May 2017
Slovakia	10721225.0	20 May 2010	2432792	06 Jul 2016
Slovakia	11714465.9	31 Mar 2011	2552930	26 Aug 2015
Slovakia	13159791.6	31 Mar 2011	2609923	24 May 2017
San Marino	10721225.0	20 May 2010	2432792	06 Jul 2016
San Marino	11714465.9	31 Mar 2011	2552930	26 Aug 2015
San Marino	13159791.6	31 Mar 2011	2609923	24 May 2017
El Salvador	2012004314	31 Mar 2011		
Thailand	1001000775	20 May 2010		
Thailand	1201005189	31 Mar 2011		
Turkey	10721225.0	20 May 2010	2432792	06 Jul 2016
Turkey	11714465.9	31 Mar 2011	2552930	26 Aug 2015
Turkey	13159791.6	31 Mar 2011	2609923	24 May 2017
Taiwan	99115937	19 May 2010	1576352	01 Apr 2017
Taiwan	100111246	31 Mar 2011	1498117	01 Sep 2015
Taiwan	104102544	19 May 2010	1583692	21 May 2017
Taiwan	105132248	19 May 2010	1598358	11 Sep 2017
Ukraine	a201212444	31 Mar 2011		
Ukraine	a201311603	31 Mar 2011		
United States Of America	13/076552	31 Mar 2011	8618076	31 Dec 2013
United States Of America	13/925078	24 Jun 2013	9284342	15 Mar 2016
United States Of America	13/936448	08 Jul 2013	8735569	27 May 2014
United States Of America	61/179923	20 May 2009		
United States Of America	61/319513	31 Mar 2010		
United States Of America	12/783680	20 May 2010	8642756	04 Feb 2014

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United States Of America	13/732725	02 Jan 2013	9206217	08 Dec 2015
United States Of America	13/738425	10 Jan 2013	8633309	21 Jan 2014
United States Of America	13/750474	25 Jan 2013	8629263	14 Jan 2014
United States Of America	14/152243	10 Jan 2014	9637512	02 May 2017
United States Of America	17/070817	14 Oct 2020		
United States Of America	17/336666	02 Jun 2021		
United States Of America	17/142875	06 Jan 2021		
Venezuela	2010000809	20 May 2010		
Venezuela	2011000420	31 Mar 2011		
Vietnam	1-2012-03236	31 Mar 2011	25555	19 Aug 2020
WIPO	US2011/30725	31 Mar 2011		
WIPO	US2010/35641	20 May 2010		
South Africa	2011/08749	20 May 2010	2011/08749	29 May 2013
South Africa	2012/07799	31 Mar 2011	2012/07799	26 Mar 2014
South Africa	2014/00249	31 Mar 2011	2014/00249	31 Aug 2016
South Africa	2013/01620	20 May 2010	2013/01620	30 Oct 2013
Austria	14163247.1	31 Mar 2011	2752422	16 Aug 2017
Belgium	14163247.1	31 Mar 2011	2752422	16 Aug 2017
Canada	2794671	31 Mar 2011	2794671	01 May 2018
Switzerland	14163247.1	31 Mar 2011	2752422	16 Aug 2017
Germany	11714466.7	31 Mar 2011	2552931	23 Jul 2014
Germany	14163247.1	31 Mar 2011	2752422	16 Aug 2017
European Procedure (Patents)	11714466.7	31 Mar 2011	2552931	23 Jul 2014

Country	Application Number	Filing Date	Patent Number	Grant Date
European Procedure (Patents)	14163247.1	31 Mar 2011	2752422	16 Aug 2017
Spain	11714466.7	31 Mar 2011	2552931	23 Jul 2014
Spain	14163247.1	31 Mar 2011	2752422	16 Aug 2017
France	11714466.7	31 Mar 2011	2552931	23 Jul 2014
France	14163247.1	31 Mar 2011	2752422	16 Aug 2017
United Kingdom	11714466.7	31 Mar 2011	2552931	23 Jul 2014
United Kingdom	14163247.1	31 Mar 2011	2752422	16 Aug 2017
Hong Kong	13109048.8	31 Mar 2011	1181775	19 Jun 2015
Hong Kong	15100071.5	31 Mar 2011	1199645	13 Apr 2018
Ireland	14163247.1	31 Mar 2011	2752422	16 Aug 2017
Israel	222174	31 Mar 2011	222174	01 Oct 2016
Italy	11714466.7	31 Mar 2011	2552931	23 Jul 2014
Italy	14163247.1	31 Mar 2011	2752422	16 Aug 2017
South Korea / Republic of Korea	10-2012-7028582	31 Mar 2011	10-1759369	12 Jul 2017
Mexico	MX/a/2012/011324	31 Mar 2011	327682	09 Feb 2015
Netherlands	14163247.1	31 Mar 2011	2752422	16 Aug 2017
Portugal	14163247.1	31 Mar 2011	2752422	16 Aug 2017
Singapore	2012072054	31 Mar 2011	184323	21 May 2015
United States Of America	13/076842	31 Mar 2011	8859756	14 Oct 2014
WIPO	US11/30762	31 Mar 2011		
United States Of America	13/076718	31 Mar 2011	8563530	22 Oct 2013
United States Of America	61/355940	17 Jun 2010		
WIPO	US11/30767	31 Mar 2011		
United States Of America	61/408304	29 Oct 2010		
Germany	16152130.7	30 Nov 2011	3042910	09 Jan 2019

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European Procedure (Patents)	16152130.7	30 Nov 2011	3042910	09 Jan 2019
Spain	16152130.7	30 Nov 2011	3042910	09 Jan 2019
France	16152130.7	30 Nov 2011	3042910	09 Jan 2019
United Kingdom	16152130.7	30 Nov 2011	3042910	09 Jan 2019
Hong Kong	17100385.4	30 Nov 2011	1229815	27 Sep 2019
Ireland	16152130.7	30 Nov 2011	3042910	09 Jan 2019
Italy	16152130.7	30 Nov 2011	3042910	09 Jan 2019
United States Of America	13/307256	30 Nov 2011	8841275	23 Sep 2014
United States Of America	14/332255	15 Jul 2014	9394331	19 Jul 2016
United States Of America	61/417946	30 Nov 2010		
WIPO	US2011/62643	30 Nov 2011		
United States Of America	61/435528	24 Jan 2011		
ARIPO	AP/P/2015/008630	30 Jan 2014	AP4613	29 Jul 2018
Argentina	P140100352	31 Jan 2014		
Austria	14704502.5	30 Jan 2014	2950786	27 Nov 2019
Australia	2015202842	30 Jan 2014	2015202842	01 Sep 2016
Belgium	14704502.5	30 Jan 2014	2950786	27 Nov 2019
Bulgaria	14704502.5	30 Jan 2014	2950786	27 Nov 2019
Brazil	1120140119384	30 Jan 2014		
Bahamas	2561	30 Jan 2014	2561	02 Nov 2015
Botswana	AP/P/2015/008630	30 Jan 2014	AP4613	31 Jul 2018
Canada	2852867	30 Jan 2014	2852867	06 Dec 2016
Switzerland	14704502.5	30 Jan 2014	2950786	27 Nov 2019
Chile	2164-2015	30 Jan 2014	58.753	12 Dec 2019
China	201610111865.4	30 Jan 2014	ZL201610111865.4	28 Dec 2018
Colombia	15203177	30 Jan 2014	32579	27 Jun 2017
Costa Rica	2015-0453	30 Jan 2014		
Cyprus (Republic)	14704502.5	30 Jan 2014	2950786	27 Nov 2019

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Czech Republic	14704502.5	30 Jan 2014	2950786	27 Nov 2019
Germany	14704502.5	30 Jan 2014	2950786	27 Nov 2019
Denmark	14704502.5	30 Jan 2014	2950786	27 Nov 2019
Eurasian Procedure	201490806	30 Jan 2014	029081	28 Feb 2018
Eurasian Procedure	201490806	30 Jan 2014	029081	15 Sep 2020
Estonia	14704502.5	30 Jan 2014	2950786	27 Nov 2019
Egypt	PCT/790/2014	30 Jan 2014		
European Procedure (Patents)	14704502.5	30 Jan 2014	2950786	27 Nov 2019
European Procedure (Patents)	19203320.7	30 Jan 2014		
Spain	14704502.5	30 Jan 2014	2950786	27 Nov 2019
Finland	14704502.5	30 Jan 2014	2950786	27 Nov 2019
France	14704502.5	30 Jan 2014	2950786	27 Nov 2019
United Kingdom	14704502.5	30 Jan 2014	2950786	27 Nov 2019
Gulf Cooperation Council	2014/26346	30 Jan 2014		
Ghana	AP/P/2015/008630	30 Jan 2014	AP4613	31 Jul 2018
Gambia	AP/P/2015/008630	30 Jan 2014	AP4613	31 Jul 2018
Greece	14704502.5	30 Jan 2014	2950786	27 Nov 2019
Hong Kong	42020019364.7	30 Jan 2014		
Hong Kong	17100411.2	13 Jan 2017	1226664	01 Nov 2019
Hong Kong	16106580.5	08 Jun 2016	HK1219869	31 Jul 2020
Croatia	14704502.5	30 Jan 2014	2950786	27 Nov 2019
Hungary	14704502.5	30 Jan 2014	2950786	27 Nov 2019
Indonesia	P00201504713	30 Jan 2014	IDP000052742	16 Aug 2018
Ireland	14704502.5	30 Jan 2014	2950786	27 Nov 2019
Israel	233419	30 Jan 2014	233419	01 Oct 2019
India	3953/DELNP/2014	30 Jan 2014		
Iceland	14704502.5	30 Jan 2014	2950786	27 Nov 2019
Italy	14704502.5	30 Jan 2014	2950786	27 Nov 2019
Japan	2016-114114	30 Jan 2014	6123002	07 Apr 2017

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Kenya	AP/P/2015/008630	30 Jan 2014	AP4613	31 Jul 2018
South Korea / Republic of Korea	10-2016-7011234	30 Jan 2014	10-1962522	20 Mar 2019
Liberia	AP/P/2015/008630	30 Jan 2014	AP4613	31 Jul 2018
Lesotho	AP/P/2015/008630	30 Jan 2014	AP4613	31 Jul 2018
Lithuania	14704502.5	30 Jan 2014	2950786	27 Nov 2019
Luxembourg	14704502.5	30 Jan 2014	2950786	27 Nov 2019
Latvia	14704502.5	30 Jan 2014	2950786	27 Nov 2019
Macao	J/003622	30 Jan 2014	J/003622	27 May 2019
Malawi	AP/P/2015/008630	30 Jan 2014	AP4613	31 Jul 2018
Mexico	MX/a/2014/005955	30 Jan 2014	351816	30 Oct 2017
Malaysia	PI2015001926	30 Jan 2014	MY-172166-A	15 Nov 2019
Mozambique	AP/P/2015/008630	30 Jan 2014	AP4613	31 Jul 2018
Namibia	AP/P/2015/008630	30 Jan 2014	AP4613	31 Jul 2018
Netherlands	14704502.5	30 Jan 2014	2950786	27 Nov 2019
Norway	14704502.5	30 Jan 2014	2950786	27 Nov 2019
New Zealand	625087	30 Jan 2014	625087	29 Aug 2017
New Zealand	729172	30 Jan 2014	729172	02 Oct 2018
OAPI	1201500300	30 Jan 2014	17450	31 Mar 2016
Panama	90777	30 Jan 2014	90777-01	16 Mar 2021
Peru	001594-2015/DIN	30 Jan 2014	9327	28 Jan 2019
Philippines	1-2015-501710	30 Jan 2014	1-2015-501710	27 Sep 2018
Poland	14704502.5	30 Jan 2014	2950786	27 Nov 2019
Portugal	14704502.5	30 Jan 2014	2950786	27 Nov 2019
Romania	14704502.5	30 Jan 2014	2950786	27 Nov 2019
Russian Federation	029081	12 Aug 2020	029081	12 Aug 2020
Rwanda	AP/P/2015/008630	30 Jan 2014	AP4613	31 Jul 2018

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Sudan	AP/P/2015/008630	30 Jan 2014	AP4613	31 Jul 2018
Sweden	14704502.5	30 Jan 2014	2950786	27 Nov 2019
Singapore	11201506021X	30 Jan 2014	11201506021X	18 Sep 2017
Singapore	10201706949V	30 Jan 2014		
Slovenia	14704502.5	30 Jan 2014	2950786	27 Nov 2019
Slovakia	14704502.5	30 Jan 2014	2950786	27 Nov 2019
Sierra Leone	AP/P/2015/008630	30 Jan 2014	AP4613	31 Jul 2018
Eswatini (ex. Swaziland)	AP/P/2015/008630	30 Jan 2014	AP4613	31 Jul 2018
Turkey	14704502.5	30 Jan 2014	2950786	27 Nov 2019
Taiwan	103103762	05 Feb 2014	1626047	11 Jun 2018
Taiwan	107114410	05 Feb 2014		
Tanzania (United Republic of)	AP/P/2015/008630	30 Jan 2014	AP4613	31 Jul 2018
Ukraine	a201508402	30 Jan 2014	118256	26 Dec 2018
Uganda	AP/P/2015/008630	30 Jan 2014	AP4613	31 Jul 2018
United States Of America	61/772292	04 Mar 2013		
United States Of America	61/828899	30 May 2013		
United States Of America	61/870729	27 Aug 2013		
United States Of America	61/897793	30 Oct 2013		
United States Of America	61/907332	21 Nov 2013		
United States Of America	15/393847	29 Dec 2016	10039779	07 Aug 2018
United States Of America	16/577559	20 Sep 2019		

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United States Of America	61/759320	31 Jan 2013		
Vietnam	1-2015-02805	30 Jan 2014	27329	04 Jan 2021
WIPO	US2014/013953	30 Jan 2014		
South Africa	2015/05718	30 Jan 2014	2015/05718	28 Feb 2018
Zambia	AP/P/2015/008630	30 Jan 2014	AP4613	31 Jul 2018
Zimbabwe	AP/P/2015/008630	30 Jan 2014	AP4613	31 Jul 2018
United States Of America	61/870721	27 Aug 2013		
United States Of America	61/759310	31 Jan 2013		
United States Of America	61/772317	04 Mar 2013		
Austria	14704501.7	30 Jan 2014	3038601	08 Apr 2020
Australia	2014311827	30 Jan 2014	2014311827	03 Jan 2018
Australia	2017276223	30 Jan 2014	2017276223	12 Mar 2020
Australia	2019264624	30 Jan 2014		
Belgium	14704501.7	30 Jan 2014	3038601	08 Apr 2020
Brazil	112016003644-1	30 Jan 2014		
Canada	2921160	30 Jan 2014	2921160	13 Apr 2021
Switzerland	14704501.7	30 Jan 2014	3038601	08 Apr 2020
China	201480047195.3	30 Jan 2014	ZL201480047195.3	23 Aug 2019
Czech Republic	14704501.7	30 Jan 2014	3038601	08 Apr 2020
Germany	14704501.7	30 Jan 2014	3038601	08 Apr 2020
European Procedure (Patents)	14704501.7	30 Jan 2014	3038601	08 Apr 2020
European Procedure (Patents)	19211345.4	30 Jan 2014		
Spain	14704501.7	30 Jan 2014	3038601	08 Apr 2020
France	14704501.7	30 Jan 2014	3038601	08 Apr 2020
United Kingdom	14704501.7	30 Jan 2014	3038601	08 Apr 2020
Greece	14704501.7	30 Jan 2014	3038601	08 Apr 2020

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Hong Kong	42020019362.1	30 Jan 2014		
Hong Kong	16108541.9	30 Jan 2014	1220392B	15 May 2020
Hong Kong	16113941.5	30 Jan 2014	1225626	08 Jan 2021
Ireland	14704501.7	30 Jan 2014	3038601	08 Apr 2020
India	201627008488	30 Jan 2014		
Italy	14704501.7	30 Jan 2014	3038601	08 Apr 2020
Japan	2017-186384	30 Jan 2014	6360607	29 Jun 2018
Japan	2019-700177	08 Apr 2019	6360607	07 Jul 2020
South Korea / Republic of Korea	10-2016-7007662	30 Jan 2014	10-2239196	06 Apr 2021
Macao	J/003890	30 Jan 2014	J/003890	05 Feb 2020
Netherlands	14704501.7	30 Jan 2014	3038601	08 Apr 2020
Norway	14704501.7	30 Jan 2014	3038601	08 Apr 2020
Poland	14704501.7	30 Jan 2014	3038601	08 Apr 2020
Portugal	14704501.7	30 Jan 2014	3038601	08 Apr 2020
Sweden	14704501.7	30 Jan 2014	3038601	08 Apr 2020
Slovenia	14704501.7	30 Jan 2014	3038601	08 Apr 2020
Slovakia	14704501.7	30 Jan 2014	3038601	08 Apr 2020
Turkey	14704501.7	30 Jan 2014	3038601	08 Apr 2020
Taiwan	103103761	05 Feb 2014	I626048	11 Jun 2018
United States Of America	61/870712	27 Aug 2013		
United States Of America	61/898690	01 Nov 2013		
United States Of America	61/907308	21 Nov 2013		
United States Of America	15/282128	30 Sep 2016	9757406	12 Sep 2017
United States Of America	15/670283	07 Aug 2017	10086011	02 Oct 2018
United States Of America	16/903178	16 Jun 2020		
WIPO	US2014/013930	30 Jan 2014		

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United States Of America	61/707459	28 Sep 2012		
United States Of America	61/553481	31 Oct 2011		
WIPO	US2012/062115	26 Oct 2012		
Armenia	201490903	27 Nov 2012	027296	31 Jul 2017
ARIPO	AP/P/2014/007699	27 Nov 2012	AP4349	25 Oct 2017
Australia	2012346217	27 Nov 2012	2012346217	19 May 2016
Azerbaijan	201490903	27 Nov 2012	027296	31 Jul 2017
Bolivia	SP-0434-2012	28 Nov 2012		
Bahamas	2462	28 Nov 2012	2462	23 Jun 2014
Belarus	201490903	27 Nov 2012	027296	31 Jul 2017
Canada	2856529	27 Nov 2012	2856529	06 Mar 2018
Chile	CL01397-2014	27 Nov 2012	61.182	23 Dec 2020
China	201280058114.0	27 Nov 2012	ZL201280058114.0	29 Dec 2017
Germany	12795307.3	27 Nov 2012	2785340	15 Jul 2020
Eurasian Procedure	201490903	27 Nov 2012	027296	31 Jul 2017
Ecuador	IEPI-2014-5678	27 Nov 2012		
European Procedure (Patents)	12795307.3	27 Nov 2012	2785340	15 Jul 2020
European Procedure (Patents)	20176183.0	27 Nov 2012		
Spain	12795307.3	27 Nov 2012	2785340	15 Jul 2020
France	12795307.3	27 Nov 2012	2785340	15 Jul 2020
United Kingdom	12795307.3	27 Nov 2012	2785340	15 Jul 2020
Gulf Cooperation Council	22917	28 Nov 2012		
Hong Kong	15102826.9	27 Nov 2012	HK1202268	05 Feb 2021
Indonesia	P00201403478	27 Nov 2012	IDP000046094	29 May 2017
Ireland	12795307.3	27 Nov 2012	2785340	15 Jul 2020
Israel	232889	27 Nov 2012	232889	01 Nov 2016
Italy	12795307.3	27 Nov 2012	2785340	15 Jul 2020
Japan	2014-543607	27 Nov 2012	5899327	11 Mar 2016

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Kyrgyzstan	201490903	27 Nov 2012	027296	31 Jul 2017
South Korea / Republic of Korea	10-2014-7016699	27 Nov 2012	10-1560994	08 Oct 2015
Kazakhstan	201490903	27 Nov 2012	027296	31 Jul 2017
Morocco	37130	27 Nov 2012		
Moldova (Rep)	a20140058	27 Nov 2012	4430	31 Aug 2016
Macao	I/003016	27 Nov 2012	I/003016	18 Jul 2018
Mexico	MX/a/2014/006373	27 Nov 2012	335275	01 Dec 2015
Malaysia	PI2014001520	27 Nov 2012		
New Zealand	625532	27 Nov 2012	625532	01 Nov 2016
OAPI	1201400229	27 Nov 2012	17352	29 Jan 2016
Panama	90225	27 Nov 2012	90225-01	16 Oct 2020
Peru	000749-2014/DIN	27 Nov 2012	9403	20 Mar 2019
Philippines	1-2014-501133	27 Nov 2012	1-2014-501133	03 Mar 2016
Paraguay	56476/2012	28 Nov 2012		
Russian Federation	201490903	27 Nov 2012	027296	31 Jul 2017
Singapore	11201402609R	27 Nov 2012	11201402609R	24 Nov 2015
El Salvador	2014004722	27 Nov 2012		
Tajikistan	201490903	27 Nov 2012	027296	31 Jul 2017
Turkmenistan	201490903	27 Nov 2012	027296	31 Jul 2017
Taiwan	101144495	28 Nov 2012	1566773	21 Jan 2017
Ukraine	a201405757	27 Nov 2012	114097	25 Apr 2017
United States Of America	61/564500	29 Nov 2011		
United States Of America	13/686664	27 Nov 2012	8889159	18 Nov 2014
United States Of America	14/538736	11 Nov 2014	9549941	24 Jan 2017
Uruguay	34474	28 Nov 2012	14651	05 Aug 2020

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Venezuela	2012-001526	28 Nov 2012		
Vietnam	1-2014-01861	27 Nov 2012	16616	27 Mar 2017
WIPO	US2012/066605	27 Nov 2012		
South Africa	2014/04061	27 Nov 2012	2014/04061	28 Sep 2016
United States Of America	61/586584	13 Jan 2012		
WIPO	US2013/021130	11 Jan 2013		
United States Of America	61/831107	04 Jun 2013		
Australia	2014370299	08 Dec 2014	2014370299	15 Mar 2018
Bahamas	2661	22 Dec 2014	2661	22 Dec 2014
Hong Kong	16110590.5	08 Dec 2014		
Malaysia	PI2016702283	08 Dec 2014	MY-178102-A	02 Oct 2020
Philippines	1-2016-501203	08 Dec 2014	1-2016-501203	17 Jan 2020
Paraguay	57392/2014	23 Dec 2014		
Thailand	1601003715	08 Dec 2014		
United States Of America	61/920371	23 Dec 2013		
United States Of America	14/563639	08 Dec 2014	9340568	17 May 2016
Venezuela	001544-2014	18 Dec 2014		
WIPO	US2014/069123	08 Dec 2014		
South Africa	2016/04345	08 Dec 2014	2016/04345	29 Nov 2017
United States Of America	61/910631	02 Dec 2013		
United States Of America	61/870703	27 Aug 2013		
Austria	15730621.8	08 Jun 2015	3154983	12 Feb 2020
Australia	2018201948	08 Jun 2015	2018201948	16 Jan 2020
Belgium	15730621.8	08 Jun 2015	3154983	12 Feb 2020
Canada	2951188	08 Jun 2015	2951188	24 Sep 2019
Switzerland	15730621.8	08 Jun 2015	3154983	12 Feb 2020

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Czech Republic	15730621.8	08 Jun 2015	3154983	12 Feb 2020
Germany	15730621.8	08 Jun 2015	3154983	12 Feb 2020
European Procedure (Patents)	15730621.8	08 Jun 2015	3154983	12 Feb 2020
European Procedure (Patents)	20213940.8	08 Jun 2015		
Spain	15730621.8	08 Jun 2015	3154983	12 Feb 2020
France	15730621.8	08 Jun 2015	3154983	12 Feb 2020
United Kingdom	15730621.8	08 Jun 2015	3154983	12 Feb 2020
Greece	15730621.8	08 Jun 2015	3154983	12 Feb 2020
Ireland	15730621.8	08 Jun 2015	3154983	12 Feb 2020
Italy	15730621.8	08 Jun 2015	3154983	12 Feb 2020
Netherlands	15730621.8	08 Jun 2015	3154983	12 Feb 2020
Norway	15730621.8	08 Jun 2015	3154983	12 Feb 2020
Poland	15730621.8	08 Jun 2015	3154983	12 Feb 2020
Portugal	15730621.8	08 Jun 2015	3154983	12 Feb 2020
Sweden	15730621.8	08 Jun 2015	3154983	12 Feb 2020
Slovenia	15730621.8	08 Jun 2015	3154983	12 Feb 2020
Slovakia	15730621.8	08 Jun 2015	3154983	12 Feb 2020
Turkey	15730621.8	08 Jun 2015	3154983	12 Feb 2020
Taiwan	104117182	28 May 2015	I721947	21 Mar 2021
United States Of America	62/010919	11 Jun 2014		
United States Of America	14/733101	08 Jun 2015	9630972	25 Apr 2017
United States Of America	15/459785	15 Mar 2017	9884873	06 Feb 2018
United States Of America	15/845837	18 Dec 2017	10604530	31 Mar 2020
United States Of America	16/797793	21 Feb 2020		
WIPO	US2015/034649	08 Jun 2015		
Canada	2896253	13 Jan 2014	2896253	12 Jan 2021
China	201480004668.1	13 Jan 2014	ZL201480004668.1	11 May 2018

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Hong Kong	16102911.4	14 Mar 2016	1215020B	12 Apr 2019
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