

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5484037

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	THOMSON LICENSING	07/30/2018
RECEIVING PARTY DATA		
Name:	INTERDIGITAL VC HOLDINGS, INC.	
Street Address:	200 BELLEVUE PARKWAY - SUITE 300	
City:	WILMINGTON	
State/Country:	DELAWARE	
Postal Code:	19809	
PROPERTY NUMBERS Total: 3		
Property Type	Number	
Application Number:	12224814	
Application Number:	12448966	
Application Number:	12448868	
CORRESPONDENCE DATA		
Fax Number:		
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Email:	PatentOPs.US@interdigital.com	
Correspondent Name:	PATRICIA A. VERLANGIERI, INTERDIGITAL CE HOLDINGS	
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Address Line 4:	PRINCETON, NEW JERSEY 08540	
ATTORNEY DOCKET NUMBER:	VC BATCH 5 - 2	
NAME OF SUBMITTER:	PATRICIA A. VERLANGIERI	
SIGNATURE:	/Patricia A. Verlangieri, Reg.No. 42201/	
DATE SIGNED:	04/19/2019	
Total Attachments: 80		
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EXHIBIT A

Recordable Confirmatory Patent Assignment

THIS PATENT ASSIGNMENT ("Assignment"), effective as of July 30, 2018, is made by and between THOMSON LICENSING SAS, a *société par actions simplifiée* organized under the Laws of the French Republic (hereinafter "**ASSIGNOR**"); and INTERDIGITAL VC HOLDINGS, INC., a Delaware corporation (hereinafter "**ASSIGNEE**").

WHEREAS:

A **ASSIGNOR** is the sole owner of the patents and/or patent applications listed in the attached Appendix A (hereinafter "the **PATENTS**"); and

B **ASSIGNEE** is desirous of acquiring all of **ASSIGNOR**'s right, title and interest in and to the **PATENTS**.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, **ASSIGNOR** has sold, assigned and transferred, and does hereby confirm the sale, assignment and transfer to **ASSIGNEE** of all of **ASSIGNOR**'s right, title and interest in and to (i) the **PATENTS**; (ii) all patents and patent applications linked to the **PATENTS** through one or more claims of priority pursuant to 35 U.S.C. §§ 120 or 119(e) (the equivalent laws or regulation of any other patent authority) or that are, or are entitled to be, foreign counterparts, reissues, divisionals, renewals, revivals, reissues, reexaminations, extensions, continuations or continuations-in-part with respect to any other patent or patent applications in such set of the **PATENTS**, and (iii) the right to sue for and recover damages for any past, present or future infringement of the **PATENTS**, the same to be held and enjoyed by **ASSIGNEE** for its own use and enjoyment, and for the use and enjoyment of its successors, assigns and other legal representatives, to the end of the term or terms thereof as fully and entirely as the same would have been held and enjoyed by **ASSIGNOR**, if this assignment and sale had not been made.

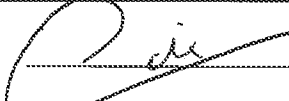
IN WITNESS WHEREOF, **ASSIGNOR** has caused this Recordable Patent Assignment to be signed by its duly appointed officer having full authority in the circumstances; and **ASSIGNEE** has caused this Recordable Patent Assignment to be signed by its duly appointed officer having full authority in the circumstances.

(Signatures on the next page.)

SIGNED for and on behalf of

THOMSON LICENSING SAS

By


(Signature)

on

02/23/18
(Date)

Adrien Cadieux, Duly authorized
(Print Name and Title)

State of New York

County of New York

On this 23rd day of July, 2018 before me,
Adrien Cadieux, personally appeared

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

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

WITNESS my hand and official seal.


(Notary Public)

HANNAH SCHLITZ
Notary Public, State of New York
No. 01808363853
Qualified in New York County
Commission Expires August 21, 2021

[Signature Page to the VC PALA Recordable Confirmatory Patent Assignment]

PATENT
REEL: 048948 FRAME: 0380

SIGNED for and on behalf of

INTERDIGITAL VC HOLDINGS, INC.

By [Signature] on July 30, 2018
(Signature) (Date)

Timothy J. Berghuis, Interim President
(Print Name and Title)

State of Delaware

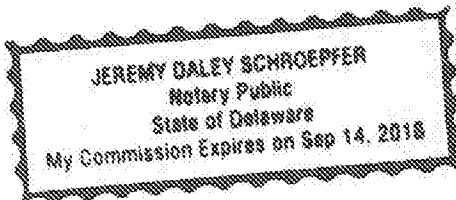
County of New Castle

On this _____ day of _____, 2018 before me,
Jeremy Daley Schroepfer, personally appeared
Timothy J. Berghuis, who proved to me on the basis of satisfactory
evidence to be the person whose name is subscribed to the instrument and acknowledged to me
that he/she executed the same in his/her authorized capacity and that by his/her signature on the
instrument the person, or the entity upon behalf of which the person acted, executed the
instrument.

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

WITNESS my hand and official seal.

[Signature]
(Notary Public)



[Signature Page to the VC PALA Recordable Confirmatory Patent Assignment]

Appendix A

Video Coding Patents

<u>Case Reference</u>	<u>Acquired Video Coding Patent vs. Organic</u>	<u>Country</u>	<u>Filing Date</u>	<u>Serial Number</u>	<u>Issue Date</u>	<u>Patent Number</u>
CI030003-CA-PCT	Acquired Video Coding Patent	CA	9/14/2004	2539120	2/11/2014	2539120
CI030003-EP-EPT	Acquired Video Coding Patent	EP	9/14/2004	04788743.5		
CI030003-US-NP	Acquired Video Coding Patent	US	9/15/2003	10/663037	6/21/2011	7966642
CI070001-US-NP	Acquired Video Coding Patent	US	7/31/2007	11/831906	8/12/2014	8804845
CI070004-CA-PCT	Acquired Video Coding Patent	CA	7/25/2008	2693389	6/17/2014	2693389
CI070004-DE-EPT	Acquired Video Coding Patent	DE	7/25/2008	08796584.4	1/30/2013	602008022016.8
CI070004-FR-EPT	Acquired Video Coding Patent	FR	7/25/2008	08796584.4	1/30/2013	2171903
CI070004-GB-EPT	Acquired Video Coding Patent	GB	7/25/2008	08796584.4	1/30/2013	2171903
CI070004-US-NP	Acquired Video Coding Patent	US	7/31/2007	11/831912	2/17/2015	8958486
CI090006-US-NP	Acquired Video Coding Patent	US	2/22/2010	12/709851	12/4/2012	8326131
INRIA02001-DE-EPT	Acquired Video Coding Patent	DE	7/16/2003	03755609.9	4/25/2012	60340738.2
INRIA02001-FR-EPT	Acquired Video Coding Patent	FR	7/16/2003	03755609.9	4/25/2012	1525663
INRIA02001-GB-EPT	Acquired Video Coding Patent	GB	7/16/2003	03755609.9	4/25/2012	1525663
INRIA02001-JP-PCT	Acquired Video Coding Patent	JP	7/16/2003	2004-523850	5/15/2009	4309344
INRIA02001-US-PCT	Acquired Video Coding Patent	US	7/16/2003	10/521963	3/20/2007	7193542
INRIA03001-DE-EPT	Acquired Video Coding Patent	DE	7/16/2003	03755610.7	3/21/2018	60351060.4
INRIA03001-FR-EPT	Acquired Video Coding Patent	FR	7/16/2003	03755610.7	3/21/2018	1527521
INRIA03001-JP-PCT	Acquired Video Coding Patent	JP	7/16/2003	2004-523851	8/15/2008	4169738
INRIA03001-US-PCT	Acquired Video Coding Patent	US	7/16/2003	10/521962	5/8/2007	7215265
PA060001-DE-EPT	organic	DE	2/21/2007	07704683.7	5/16/2018	602007054837.3
PA060001-FR-EPT	organic	FR	2/21/2007	07704683.7	5/16/2018	1992169
PA060015-CN-NP	organic	CN	4/12/2007	200710096773.4	10/13/2010	ZL200710096773.4
PA060015-DE-EPA	organic	DE	4/13/2006	06300362.8	12/24/2008	602006004428.3
PA060015-FR-EPA	organic	FR	4/13/2006	06300362.8	12/24/2008	1845731
PA060015-GB-EPA	organic	GB	4/13/2006	06300362.8	12/24/2008	1845731
PA060025-CN-PCT	organic	CN	7/17/2006	200680055369.6	6/27/2012	ZL200680055369.6
PA060025-DE-EPT	organic	DE	7/17/2006	06761443.8	12/15/2010	602006019006.9

<u>Case Reference</u>	<u>Acquired Video Coding Patent vs. Organic</u>	<u>Country</u>	<u>Filing Date</u>	<u>Serial Number</u>	<u>Issue Date</u>	<u>Patent Number</u>
PA060025-FR-EPT	organic	FR	7/17/2006	06761443.8	12/15/2010	2041983
PA060025-GB-EPT	organic	GB	7/17/2006	06761443.8	12/15/2010	2041983
PA060025-JP-PCT	organic	JP	7/17/2006	2009-519775	5/11/2012	4991851
PA060025-KR-PCT	organic	KR	7/17/2006	10-2009-7001015	10/26/2012	10-1196975
PA060025-US-PCT	organic	US	7/17/2006	12/309335	6/24/2014	8761249
PA060038-BR-PCT	organic	BR	9/30/2006	PI0622046.0		
PA060038-CN-PCT	organic	CN	9/30/2006	200680055984.7	4/13/2011	ZL200680055984.7
PA060038-EP-EPT	organic	EP	9/30/2006	06791179.2		
PA060038-KR-PCT	organic	KR	9/30/2006	10-2009-7006372	5/16/2013	10-1267178
PA060038-US-PCT	organic	US	9/30/2006	12/311375	10/23/2012	8295625
PA060042B-CN-PCT	organic	CN	1/10/2007	200780049414.1	1/14/2015	ZL200780049414.1
PA060042B-DE-EPT	organic	DE	1/10/2007	07702037.8	8/17/2016	602007047480.9
PA060042B-FR-EPT	organic	FR	1/10/2007	07702037.8	8/17/2016	2127395
PA060047-CN-PCT	organic	CN	12/14/2006	200680056655.4	7/18/2012	ZL200680056655.4
PA060047-DE-EPT	organic	DE	12/14/2006	06817992.8	8/12/2015	602006046285.9
PA060047-FR-EPT	organic	FR	12/14/2006	06817992.8	8/12/2015	2092747
PA060047-JP-PCT	organic	JP	12/14/2006	2009-540573	3/29/2013	5232796
PA060047-KR-PCT	organic	KR	12/14/2006	10-2009-7012289	12/18/2013	10-1345090
PA060047-US-PCT	organic	US	12/14/2006	12/448153	7/2/2013	8477853
PA060050-CN-PCT	organic	CN	11/27/2007	200780045770.6	4/13/2011	ZL200780045770.6
PA060050-DE-EPT	organic	DE	11/27/2007	07847418.6	6/5/2013	602007030935.2
PA060050-FR-EPT	organic	FR	11/27/2007	07847418.6	6/5/2013	2090108
PA060050-JP-PCT	organic	JP	11/27/2007	2009-540699	3/29/2013	5232797
PA060050-KR-PCT	organic	KR	11/27/2007	10-2009-7012287	10/17/2014	10-1454495
PA060050-US-PCT	organic	US	11/27/2007	12/448180	9/18/2012	8270468
PA070002-AU-PCT	organic	AU	12/21/2007	2007342468	3/8/2012	2007342468
PA070002-BR-PCT	organic	BR	12/21/2007	PI0720702.6		
PA070002-CN-PCT	organic	CN	12/21/2007	200780048697.8	6/29/2016	ZL200780048697.8
PA070002-ID-PCT	organic	ID	12/21/2007	W00200901877	3/8/2013	IDP0033202
PA070002-IN-PCT	organic	IN	12/21/2007	3987/DELNP/09	5/9/2017	283192
PA070002-JP-DIV	organic	JP	1/6/2014	2014-000543	12/5/2014	5658381
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PA070002-KR-PCT	organic	KR	12/21/2007	10-2009-7013979	11/14/2014	10-1464011
PA070002-MX-PCT	organic	MX	12/21/2007	MX/a/09/007272	6/26/2012	300674
PA070002-MY-PCT	organic	MY	12/21/2007	PI20092800	6/15/2017	MY-162367-A
PA070002-PH-PCT	organic	PH	12/21/2007	1-2009-501133	11/5/2012	1-2009-501133
PA070002-RU-PCT	organic	RU	12/21/2007	2009129945	6/10/2014	2518904

<u>Case Reference</u>	<u>Acquired Video Coding Patent vs. Organic</u>	<u>Country</u>	<u>Filing Date</u>	<u>Serial Number</u>	<u>Issue Date</u>	<u>Patent Number</u>
PA070002-TH-NP	organic	TH	1/4/2008	0801000036		
PA070002-TW-NP	organic	TW	1/4/2008	097100478	2/21/2014	1428021
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PA070002-VN-PCT	organic	VN	12/21/2007	1-2009-01590	8/22/2012	10578
PA070002-ZA-PCT	organic	ZA	12/21/2007	2009/04019	8/25/2010	2009/04019
PA070016-US-PCT	organic	US	4/20/2007	12/450873	6/4/2013	8457468
PA070024-CN-PCT	organic	CN	8/29/2007	200780100400.8	7/17/2013	ZL200780100400.8
PA070024-DE-EPT	organic	DE	8/29/2007	07805783.3	3/12/2014	602007035562.1
PA070024-FR-EPT	organic	FR	8/29/2007	07805783.3	3/12/2014	2186328
PA070024-JP-PCT	organic	JP	8/29/2007	2010-508644	11/2/2012	5120981
PA070024-KR-PCT	organic	KR	8/29/2007	10-2010-7005893	3/26/2014	10-1380378
PA080047-CN-NP	organic	CN	7/28/2009	200910161279.0	1/29/2014	ZL200910161279.0
PA080047-DE-EPA[2]	organic	DE	6/10/2009	09162341.3	5/18/2016	602009038699.9
PA080047-FR-EPA[2]	organic	FR	6/10/2009	09162341.3	5/18/2016	2150024
PA080047-JP-NP	organic	JP	7/27/2009	2009-174653	1/30/2015	5686506
PA080047-KR-NP	organic	KR	7/27/2009	10-2009-0068257	8/17/2016	10-1650571
PA080047-TW-NP	organic	TW	7/17/2009	098124172	8/21/2015	1497982
PA080048-CN-PCT	organic	CN	8/7/2009	200980131803.8	1/30/2013	ZL200980131803.8
PA080048-DE-EPT	organic	DE	8/7/2009	09806418.1	1/10/2018	602009050379.0
PA080048-FR-EPT	organic	FR	8/7/2009	09806418.1	1/10/2018	2311266
PA080048-GB-EPT	organic	GB	8/7/2009	09806418.1	1/10/2018	2311266
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PA080080-GB-EPT	organic	GB	12/8/2009	09799303.4	4/15/2015	2368368
PA080080-JP-PCT	organic	JP	12/8/2009	2011-541322	4/25/2014	5529161
PA080080-US-PCT	organic	US	12/8/2009	12/998899	3/1/2016	9277210
PA090006-DE-EPT	organic	DE	2/5/2010	10706965.0	12/17/2014	602010021030.8
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PA090006-JP-PCT	organic	JP	2/5/2010	2011-548697	4/4/2014	5512704
PA090006-KR-PCT	organic	KR	2/5/2010	10-2011-7018403	9/7/2016	10-1657325
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PA090015-CN-PCT	organic	CN	3/30/2010	201080015657.5	1/1/2014	ZL201080015657.5
PA090015-DE-EPT	organic	DE	3/30/2010	10712068.5	8/30/2017	602010044812.6

<u>Case Reference</u>	<u>Acquired Video Coding Patent vs. Organic</u>	<u>Country</u>	<u>Filing Date</u>	<u>Serial Number</u>	<u>Issue Date</u>	<u>Patent Number</u>
PA090015-FR-EPT	organic	FR	3/30/2010	10712068.5	8/30/2017	2417578
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PA090015-KR-PCT	organic	KR	3/30/2010	10-2011-7023615	10/27/2016	10-1672070
PA090015-NL-EPT	organic	NL	3/30/2010	10712068.5	8/30/2017	2417578
PA090015-US-PCT	organic	US	3/30/2010	13/138717	8/20/2013	8514107
PA090025-CN-PCT	organic	CN	6/9/2009	200980160082.3	9/9/2015	ZL200980160082.3
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PA090025-US-PCT	organic	US	6/9/2009	13/377142		
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PA090034-US-PCT	organic	US	6/9/2010	13/376604	1/26/2016	9245355
PA090039-BR-PCT	organic	BR	6/9/2010	PI1010585.9		
PA090039-CN-PCT	organic	CN	6/9/2010	201080028171.5	9/7/2016	ZL201080028171.5
PA090039-EP-EPT	organic	EP	6/9/2010	10724833.8		
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PA090047-BR-PCT	organic	BR	9/9/2010	BR1120120055950		
PA090047-CN-PCT	organic	CN	9/9/2010	201080040786.X	11/25/2015	ZL201080040786.X
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PA090047-JP-PCT	organic	JP	9/9/2010	2012-528362	10/10/2014	5628317
PA090047-KR-PCT	organic	KR	9/9/2010	10-2012-7006700	5/17/2017	10-1739156
PA090047-US-PCT	organic	US	9/9/2010	13/394158	3/24/2015	8990275
PA090047-VN-PCT	organic	VN	9/9/2010	1-2012-01016	10/31/2016	16178
PA090052-CN-PCT	organic	CN	10/15/2009	200980161975.X	6/3/2015	ZL200980161975.X
PA090052-EP-EPT	organic	EP	10/15/2009	09850328.7		
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PA090052-KR-PCT	organic	KR	10/15/2009	10-2012-7009533	7/1/2016	10-1637624
PA090052-US-PCT	organic	US	10/15/2009	13/501662	2/3/2015	8949092

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PA100002-EP-EPT	organic	EP	1/22/2010	10843635.3		
PA100014-CN-PCT	organic	CN	4/30/2010	201080067823.6	1/20/2016	ZL201080067823.6
PA100014-DE-EPT	organic	DE	4/30/2010	10850446.5	6/13/2018	602010051346.7
PA100014-FR-EPT	organic	FR	4/30/2010	10850446.5	6/13/2018	2564590
PA100014-JP-PCT	organic	JP	4/30/2010	2013-506433	12/26/2014	5670551
PA100014-KR-PCT	organic	KR	4/30/2010	10-2012-7031342	6/25/2014	10-1414435
PA100014-US-PCT	organic	US	4/30/2010	13/695058	3/15/2016	9288071
PA100020-AU-PCT	organic	AU	6/30/2010	2010356813	12/17/2015	2010356813
PA100020-BR-PCT	organic	BR	6/30/2010	BR1120120333585		
PA100020-CN-PCT	organic	CN	6/30/2010	201080068851.X	7/13/2016	ZL201080068851.X
PA100020-DE-EPT	organic	DE	6/30/2010	10853839.8	5/30/2018	602010051049.2
PA100020-FR-EPT	organic	FR	6/30/2010	10853839.8	5/30/2018	2589026
PA100020-GB-EPT	organic	GB	6/30/2010	10853839.8	5/30/2018	2589026
PA100020-JP-PCT	organic	JP	6/30/2010	2013-516939	7/25/2014	5583848
PA100020-KR-PCT	organic	KR	6/30/2010	10-2013-7002425	2/10/2017	10-1707709
PA100020-NL-EPT	organic	NL	6/30/2010	10853839.8	5/30/2018	2589026
PA100020-US-PCT	organic	US	6/30/2010	13/807322		
PA100020-VN-PCT	organic	VN	6/30/2010	1-2013-00237		
PA100032-AU-PCT	organic	AU	9/30/2010	2010361598	11/20/2014	2010361598
PA100032-BR-PCT	organic	BR	9/30/2010	BR1120130065389		
PA100032-CN-PCT	organic	CN	9/30/2010	201080069356.0	1/27/2016	ZL201080069356.0
PA100032-EP-EPT	organic	EP	9/30/2010	10857646.3		
PA100032-HK-FPR	organic	HK	1/30/2014	14101038.6		
PA100032-JP-PCT	organic	JP	9/30/2010	2013-530512	4/24/2015	5735114
PA100032-KR-PCT	organic	KR	9/30/2010	10-2013-7008252	4/19/2017	10-1730217
PA100032-US-PCT	organic	US	9/30/2010	13/825546	4/7/2015	9002121
PA100032-VN-PCT	organic	VN	9/30/2010	1-2013-01227	1/9/2017	16452
PA110001-DE-EPT	organic	DE	4/12/2011	11863697.6	6/6/2018	602011049134.2
PA110001-FR-EPT	organic	FR	4/12/2011	11863697.6	6/6/2018	2697985
PA110001-GB-EPT	organic	GB	4/12/2011	11863697.6	6/6/2018	2697985
PA110001-JP-PCT	organic	JP	4/12/2011	2014-504136	6/24/2016	5955378
PA110001-NL-EPT	organic	NL	4/12/2011	11863697.6	6/6/2018	2697985
PA110001-US-PCT	organic	US	4/12/2011	14/111171	5/24/2016	9348860
PA110006-DE-EPT	organic	DE	6/7/2011	11867362.3	5/2/2018	602011048143.6
PA110006-FR-EPT	organic	FR	6/7/2011	11867362.3	5/2/2018	2719182
PA110006-GB-EPT	organic	GB	6/7/2011	11867362.3	5/2/2018	2719182
PA110006-NL-EPT	organic	NL	6/7/2011	11867362.3	5/2/2018	2719182
PA110006-US-PCT	organic	US	6/7/2011	14/124708		
PA110037-CN-PCT	organic	CN	7/18/2011	201180072369.8	3/8/2017	ZL201180072369.8
PA110037-DE-EPT	organic	DE	7/18/2011	11869543.6	3/21/2018	602011046835.9

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PA110037-FR-EPT	organic	FR	7/18/2011	11869543.6	3/21/2018	2734980
PA110037-JP-PCT	organic	JP	7/18/2011	2014-520490	5/20/2016	5936687
PA110037-KR-PCT	organic	KR	7/18/2011	10-2014-7001343	5/23/2018	10-1862438
PA110037-US-PCT	organic	US	7/18/2011	14/233519	12/27/2016	9532056
PA110044-AU-PCT	organic	AU	7/6/2012	2012283580	8/17/2017	2012283580
PA110044-BR-PCT	organic	BR	7/6/2012	BR1120130313676		
PA110044-EP-EPT	organic	EP	7/6/2012	12810750.5		
PA110044-HK-FPR	organic	HK	11/11/2014	14111389.0		
PA110044-JP-PCT	organic	JP	7/6/2012	2014-517433	2/3/2017	6085597
PA110044-KR-PCT	organic	KR	7/6/2012	10-2013-7035136		
PA110044-VN-PCT	organic	VN	7/6/2012	1-2013-03829	12/25/2017	18140
PA110059-EP-EPT	organic	EP	11/7/2011	11875574.3		
PA110059-JP-PCT	organic	JP	11/7/2011	2014-540282	5/13/2016	5932051
PA110059-US-PCT	organic	US	11/7/2011	14/356311	7/24/2018	10032309
PA110061-DE-EPT	organic	DE	12/15/2011	11877571.7	2/1/2017	602011034870.1
PA110061-FR-EPT	organic	FR	12/15/2011	11877571.7	2/1/2017	2792144
PA110061-IT-EPT	organic	IT	12/15/2011	11877571.7	2/1/2017	2792144
PA110061-MX-PCT	organic	MX	12/15/2011	MX/a/14/007041	7/7/2015	331379
PA110061-RU-PCT	organic	RU	12/15/2011	2014128824	8/27/2016	2595917
PA110061-US-PCT	organic	US	12/15/2011	14/364144	5/1/2018	9961340
PA110061-ZA-PCT	organic	ZA	12/15/2011	2014/03615	2/24/2016	2014/03615
PA110067-CN-PCT	organic	CN	11/25/2011	201180074949.0		
PA110067-EP-EPT	organic	EP	11/25/2011	11876378.8		
PA110067-JP-PCT	organic	JP	11/25/2011	2014-542662	5/13/2016	5933742
PA110067-KR-PCT	organic	KR	11/25/2011	10-2014-7013613		
PA110067-US-PCT	organic	US	11/25/2011	14/356737	2/20/2018	9898834
PA110068-DE-EPT	organic	DE	11/25/2011	11876377.0	3/22/2017	2783353
PA110068-FR-EPT	organic	FR	11/25/2011	11876377.0	3/22/2017	2783353
PA110068-JP-PCT	organic	JP	11/25/2011	2014-542665	8/26/2016	5993024
PA110068-US-PCT	organic	US	11/25/2011	14/356748		
PA120007-EP-EPT	organic	EP	2/9/2012	12867792.9		
PA120007-JP-PCT	organic	JP	2/9/2012	2014-555914	8/5/2016	5981566
PA120007-US-PCT	organic	US	2/9/2012	14/372922	4/25/2017	9633473
PA120014-EP-EPT	organic	EP	12/29/2012	12866302.8		
PA120014-US-PCT	organic	US	12/29/2012	14/370100	5/22/2018	9979948
PA120021-BR-PCT	organic	BR	12/29/2012	BR1120140260443		
PA120021-CN-PCT	organic	CN	12/29/2012	201280073273.8	4/24/2018	ZL201280073273.8
PA120021-EP-EPT	organic	EP	12/29/2012	12874815.9		
PA120021-JP-PCT	organic	JP	12/29/2012	2015-506078	2/17/2017	6093847
PA120021-KR-PCT	organic	KR	12/29/2012	10-2014-7029076		
PA120021-US-PCT	organic	US	12/29/2012	14/391563	3/27/2018	9928615
PA120027-DE-EPT	organic	DE	7/17/2012	12881157.7	11/8/2017	2875640
PA120027-FR-EPT	organic	FR	7/17/2012	12881157.7	11/8/2017	2875640
PA120027-GB-EPT	organic	GB	7/17/2012	12881157.7	11/8/2017	2875640

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PA120027-NL-EPT	organic	NL	7/17/2012	12881157.7	11/8/2017	2875640
PA120027-US-PCT	organic	US	7/17/2012	14/405079	9/19/2017	9769501
PA120033-US-PCT	organic	US	8/17/2012	14/420426	10/17/2017	9792728
PA120057-AU-PCT	organic	AU	6/18/2013	2013372617		
PA120057-BR-PCT	organic	BR	6/18/2013	BR1120150162355		
PA120057-CN-PCT	organic	CN	6/18/2013	201380069676.X		
PA120057-EP-EPT	organic	EP	6/18/2013	13871258.3		
PA120057-HK-FPR	organic	HK	5/12/2016	16105431.8		
PA120057-JP-PCT	organic	JP	6/18/2013	2015-551957	11/24/2017	6246233
PA120057-KR-PCT	organic	KR	6/18/2013	10-2015-7018498		
PA120057-US-PCT	organic	US	6/18/2013	14/655358	1/9/2018	9866840
PA120057-VN-PCT	organic	VN	6/18/2013	1-2015-02454		
PA130021-EP-EPT	organic	EP	8/26/2013	13892222.4		
PA130021-US-PCT	organic	US	8/26/2013	14/914593	10/17/2017	9794565
PA140024-EP-EPT	organic	EP	12/22/2014	14908662.1		
PA140024-US-PCT	organic	US	12/22/2014	15/537929		
PD000046-DE-EPT	organic	DE	9/3/2001	01965243.7	11/14/2007	60131424.7
PD000046-FR-EPT	organic	FR	9/3/2001	01965243.7	11/14/2007	1317856
PD000046-US-PCT	organic	US	9/3/2001	10/380372	12/15/2009	7634174
PD010004-CN-PCT	organic	CN	1/15/2002	02803595.X	4/20/2005	ZL02803595.X
PD010004-DE-EPT	organic	DE	1/15/2002	02708284.1	5/19/2004	60200514.0
PD010004-ES-EPT	organic	ES	1/15/2002	02708284.1	5/19/2004	1354478
PD010004-FR-EPT	organic	FR	1/15/2002	02708284.1	5/19/2004	1354478
PD010004-GB-EPT	organic	GB	1/15/2002	02708284.1	5/19/2004	1354478
PD010004-IT-EPT	organic	IT	1/15/2002	02708284.1	5/19/2004	502004901234430
PD010004-KR-PCT	organic	KR	1/15/2002	10-2003-7009154	4/24/2009	10-0895922
PD010004-MX-PCT	organic	MX	1/15/2002	PA/a/03/006272	7/24/2006	238845
PD020071-CN-PCT	organic	CN	7/12/2003	03817114.7	4/29/2009	ZL03817114.7
PD020071-KR-PCT	organic	KR	7/12/2003	10-2005-7001139	10/4/2010	10-0986917
PD020071-US-PCT	organic	US	7/12/2003	10/522089	11/24/2009	7623573
PD030042-CN-NP	organic	CN	4/22/2004	200410035367.3	1/2/2013	ZL200410035367.3
PD030042-JP-NP	organic	JP	4/21/2004	2004-125742	4/19/2013	5247971
PD030042-TW-NP	organic	TW	4/16/2004	093110592	7/11/2011	1345225
PD030042-US-NP	organic	US	4/20/2004	10/827971	8/5/2008	7408850
PD040027-CN-PCT	organic	CN	1/22/2005	200580010808.7	10/28/2009	ZL200580010808.7
PD040027-DE-EPT	organic	DE	1/22/2005	05706962.7	3/12/2008	602005005321.2
PD040027-FR-EPT	organic	FR	1/22/2005	05706962.7	3/12/2008	1747536
PD040027-GB-EPT	organic	GB	1/22/2005	05706962.7	3/12/2008	1747536
PD040027-IN-PCT	organic	IN	1/22/2005	5350/DELNP/06	3/23/2017	281697
PD040027-JP-PCT	organic	JP	1/22/2005	2007-506669	8/12/2011	4799547
PD040027-KR-PCT	organic	KR	1/22/2005	10-2006-7020576	12/14/2011	10-1096827

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PD040027-US-PCT	organic	US	1/22/2005	11/547373	11/8/2011	8054887
PD040129-CN-PCT	organic	CN	1/24/2006	200680004188.0	7/4/2012	ZL200680004188.0
PD040129-EP-EPT	organic	EP	1/24/2006	06701682.4		
PD040129-JP-PCT	organic	JP	1/24/2006	2007-553582	3/23/2012	4954901
PD040129-US-PCT	organic	US	1/24/2006	11/883426	8/14/2012	8244094
PD050010-CN-PCT	organic	CN	2/27/2006	200680007994.3	9/7/2011	ZL200680007994.3
PD050030-AU-NP	organic	AU	3/31/2006	2006201360	8/26/2010	2006201360
PD050030-DE-EPA[1]	organic	DE	3/21/2006	06300251.3	9/9/2015	602006046565.3
PD050030-FR-EPA[1]	organic	FR	3/21/2006	06300251.3	9/9/2015	1713285
PD050030-JP-NP	organic	JP	4/17/2006	2006-113732	3/23/2012	4954592
PD050030-US-NP	organic	US	4/12/2006	11/403240	3/29/2011	7916995
PD060094-CN-NP	organic	CN	11/29/2007	200710196639.1	1/11/2012	ZL200710196639.1
PD060094-EP-EPA[1]	organic	EP	11/19/2007	07120961.3		
PD060094-IN-NP	organic	IN	11/14/2007	2391/DEL/07		
PD060094-JP-NP	organic	JP	11/29/2007	2007-308198	11/16/2012	5131830
PD060094-US-NP	organic	US	11/14/2007	11/985229	5/10/2011	7941634
PD120007-EP-EPA	organic	EP	2/20/2013	13155915.5		
PD120007-US-NP	organic	US	3/4/2013	13/783515	8/11/2015	9105093
PD120008-US-NP	organic	US	3/5/2013	13/786347	5/5/2015	9025876
PD120024-DE-EPA	organic	DE	6/13/2013	13171832.2	1/20/2016	602013004695.6
PD120024-FR-EPA	organic	FR	6/13/2013	13171832.2	1/20/2016	2680226
PD120024-US-NP	organic	US	6/24/2013	13/925374	10/6/2015	9153203
PD120040-EP-EPA	organic	EP	8/28/2013	13182038.3		
PD120040-US-NP	organic	US	9/5/2013	14/018526	9/8/2015	9129379
PD120047-CN-NP	organic	CN	11/15/2013	201310574122.7		
PD120047-DE-EPA[2]	organic	DE	11/13/2013	13005345.7	3/29/2017	602013019059.3
PD120047-FR-EPA[2]	organic	FR	11/13/2013	13005345.7	3/29/2017	2733666
PD120047-GB-EPA[2]	organic	GB	11/13/2013	13005345.7	3/29/2017	2733666
PD120047-IT-EPA[2]	organic	IT	11/13/2013	13005345.7	3/29/2017	502017000045602
PD120047-JP-NP	organic	JP	11/15/2013	2013-236831		
PD120047-KR-NP	organic	KR	11/12/2013	10-2013-0137105		
PD120047-NL-EPA[2]	organic	NL	11/13/2013	13005345.7	3/29/2017	2733666
PD120047-TW-NP	organic	TW	10/25/2013	102138565	8/21/2017	1596574
PD120047-US-CNT	organic	US	7/28/2015	14/811760	5/24/2016	9349194
PD120047-US-NP	organic	US	11/11/2013	14/076638	8/11/2015	9105109
PD130017-EP-EPT	organic	EP	3/18/2014	14711955.6		
PD130017-US-PCT	organic	US	3/18/2014	14/784026		
PD140001-EP-EPA[2]	organic	EP	9/28/2015	15187157.1		
PD140001-US-NP	organic	US	10/7/2015	14/877791		
PD140017-DE-EPA[2]	organic	DE	6/15/2015	15172032.3	5/31/2017	602015002889.9
PD140017-FR-EPA[2]	organic	FR	6/15/2015	15172032.3	5/31/2017	2958077

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PD140017-GB-EPA[2]	organic	GB	6/15/2015	15172032.3	5/31/2017	2958077
PD140017-NL-EPA[2]	organic	NL	6/15/2015	15172032.3	5/31/2017	2958077
PD140017-US-NP	organic	US	6/20/2015	14/745424		
PD140039-DE-EPA[2]	organic	DE	11/9/2015	15193666.3	1/10/2018	602015007426.2
PD140039-FR-EPA[2]	organic	FR	11/9/2015	15193666.3	1/10/2018	3023939
PD140039-US-NP	organic	US	11/16/2015	14/942923	10/17/2017	9792696
PD140075-EP-EPA	organic	EP	9/24/2014	14306465.7		
PD140075-US-NP	organic	US	9/23/2015	14/862877		
PD140084-EP-EPA[2]	organic	EP	12/23/2015	15202362.8		
PD140084-US-NP	organic	US	1/8/2016	14/991894		
PD150037-WO-PCT	organic	WO	3/8/2017	PCT/EP17/055493		
PD150045-EP-EPA[2]	organic	EP	11/16/2016	16199016.3		
PD150045-US-NP	organic	US	11/17/2016	15/354965		
PD970072-US-NP	organic	US	10/29/1998	09/182030	9/24/2002	6456656
PD970094-US-NP	organic	US	12/18/1998	09/215486	8/7/2001	6272258
PD990048-US-NP	organic	US	8/15/2000	09/640104	1/8/2008	7317866
PD990071-CN-NP	organic	CN	10/9/2000	00129715.5	6/2/2004	ZL00129715.5
PD990071-DE-EPA[1]	organic	DE	10/6/2000	00121818.9	6/4/2008	60039097.7
PD990071-FR-EPA[1]	organic	FR	10/6/2000	00121818.9	6/4/2008	1094669
PD990071-GB-EPA[1]	organic	GB	10/6/2000	00121818.9	6/4/2008	1094669
PF000020-CN-NP	organic	CN	3/15/2001	01109493.1	10/6/2004	ZL01109493.1
PF000020-EP-EPA	organic	EP	3/5/2001	01105242.0		
PF000020-JP-NP	organic	JP	3/14/2001	2001-072505	7/5/2013	5305552
PF000020-US-NP	organic	US	3/14/2001	09/808463	6/21/2005	6909747
PF010136-CN-PCT	organic	CN	10/22/2002	02822009.9	9/20/2006	ZL02822009.9
PF010136-DE-EPT	organic	DE	10/22/2002	02774742.7	8/26/2009	60233524.8
PF010136-ES-EPT	organic	ES	10/22/2002	02774742.7	8/26/2009	1457038
PF010136-FR-EPT	organic	FR	10/22/2002	02774742.7	8/26/2009	1457038
PF010136-GB-EPT	organic	GB	10/22/2002	02774742.7	8/26/2009	1457038
PF010136-IT-EPT	organic	IT	10/22/2002	02774742.7	8/26/2009	502009901784404
PF010136-KR-PCT	organic	KR	10/22/2002	10-2004-7006757	1/20/2012	10-1110982
PF010136-MX-PCT	organic	MX	10/22/2002	PA/a/04/004297	11/23/2007	251795
PF010136-TR-EPT	organic	TR	10/22/2002	02774742.7	8/26/2009	TR200907550
PF010136-US-PCT	organic	US	10/22/2002	10/494719	9/18/2007	7272791
PF020033-CN-NP	organic	CN	4/10/2003	03110110.0	4/4/2007	ZL03110110.0
PF020033-DE-EPA	organic	DE	3/20/2003	03006311.9	5/9/2018	60351178.3
PF020033-FR-EPA	organic	FR	3/20/2003	03006311.9	5/9/2018	1370043
PF020033-GB-EPA	organic	GB	3/20/2003	03006311.9	5/9/2018	1370043
PF020033-JP-NP	organic	JP	4/1/2003	2003-098090	4/30/2010	4504627
PF020033-KR-NP	organic	KR	3/26/2003	10-2003-0018864	4/26/2011	10-1032744
PF020033-MX-NP	organic	MX	4/1/2003	PA/a/03/002850	9/18/2007	249086
PF020033-US-NP	organic	US	3/28/2003	10/402045	3/10/2009	7502862
PF020116-IN-NP	organic	IN	8/14/2003	437/KOL/03	2/24/2010	238839

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PF020116-JP-NP	organic	JP	9/12/2003	2003-321525	9/18/2009	4374957
PF020116-MX-NP	organic	MX	9/9/2003	PA/a/03/008131	8/24/2009	269438
PF030035-BR-PCT	organic	BR	1/28/2004	PI0407310.0		
PF030035-CN-PCT	organic	CN	1/28/2004	200480003725.0	9/5/2012	ZL200480003725.0
PF030035-EP-EPT	organic	EP	1/28/2004	04705813.6		
PF030035-IN-PCT	organic	IN	1/28/2004	3108/DELNP/05	5/12/2010	240465
PF030035-JP-PCT	organic	JP	1/28/2004	2006-501714	10/26/2012	5118342
PF030035-KR-PCT	organic	KR	1/28/2004	10-2005-7014659	1/17/2011	10-1010498
PF030035-MX-PCT	organic	MX	1/28/2004	PA/a/05/008037	4/28/2009	266361
PF030035-MY-NP	organic	MY	2/9/2004	PI20040373	5/31/2011	MY-143494-A
PF030035-PH-PCT	organic	PH	1/28/2004	1-2005-501278	8/13/2010	1-2005-501278
PF030035-TW-NP	organic	TW	2/6/2004	093102706	4/1/2010	I323126
PF030035-US-PCT	organic	US	1/28/2004	10/544331	4/20/2010	7701458
PF030035-VN-PCT	organic	VN	1/28/2004	1-2005-01127	2/18/2014	12398
PF030087-DE-EPA	organic	DE	6/24/2004	04102950.5	10/21/2015	602004048094.0
PF030087-FR-EPA	organic	FR	6/24/2004	04102950.5	10/21/2015	1511323
PF030182-BR-PCT	organic	BR	12/14/2004	PI0417594.8	11/22/2016	PI0417594.8
PF030182-CN-PCT	organic	CN	12/14/2004	200480037559.6	4/15/2009	ZL200480037559.6
PF030182-DE-EPT	organic	DE	12/14/2004	04804828.4	5/2/2007	602004006306.1
PF030182-FR-EPT	organic	FR	12/14/2004	04804828.4	5/2/2007	1695288
PF030182-GB-EPT	organic	GB	12/14/2004	04804828.4	5/2/2007	1695288
PF030182-JP-PCT	organic	JP	12/14/2004	2006-544432	10/1/2010	4598778
PF030182-US-PCT	organic	US	12/14/2004	10/583673	12/14/2010	7853076
PF040020-DE-EPT	organic	DE	12/30/2004	04816493.3	9/26/2007	602004009219.3
PF040020-FR-EPT	organic	FR	12/30/2004	04816493.3	9/26/2007	1702472
PF040020-GB-EPT	organic	GB	12/30/2004	04816493.3	9/26/2007	1702472
PF040020-US-PCT	organic	US	12/30/2004	10/584645	5/27/2008	7379565
PF040032-EP-EPT	organic	EP	2/21/2005	05728100.8		
PF040032-JP-PCT	organic	JP	2/21/2005	2007-501323	5/11/2012	4986842
PF040105-CN-NP	organic	CN	7/4/2005	200510082182.2	12/16/2009	ZL200510082182.2
PF040105-DE-EPA	organic	DE	6/30/2005	05105974.9	10/15/2014	602005044918.3
PF040105-FR-EPA	organic	FR	6/30/2005	05105974.9	10/15/2014	1617675
PF040105-JP-NP	organic	JP	7/6/2005	2005-198127	12/16/2011	4887009
PF040105-KR-NP	organic	KR	7/5/2005	10-2005-0060260	10/10/2012	10-1192060
PF040105-MX-NP	organic	MX	7/5/2005	PA/a/05/007304	7/29/2009	268786
PF040147-CN-PCT	organic	CN	10/11/2005	200580036087.7	12/15/2010	ZL200580036087.7
PF040147-DE-EPT	organic	DE	10/11/2005	05810810.1	4/15/2009	602005013997.4
PF040147-FR-EPT	organic	FR	10/11/2005	05810810.1	4/15/2009	1808023

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PF040147-GB-EPT	organic	GB	10/11/2005	05810810.1	4/15/2009	1808023
PF040147-JP-PCT	organic	JP	10/11/2005	2007-537346	11/22/2012	5137119
PF040147-US-PCT	organic	US	10/11/2005	11/665884	11/6/2012	8306119
PF040164-CN-PCT	organic	CN	12/2/2005	200580041656.7	8/22/2012	ZL200580041656.7
PF040164-DE-EPT	organic	DE	12/2/2005	05813402.4	2/7/2018	602005053479.2
PF040164-FR-EPT	organic	FR	12/2/2005	05813402.4	2/7/2018	1817914
PF050030-BR-PCT	organic	BR	1/10/2006	PI0606522.8	5/8/2018	PI0606522-8
PF050030-CN-PCT	organic	CN	1/10/2006	200680001896.9	12/7/2011	ZL200680001896.9
PF050030-DE-EPT	organic	DE	1/10/2006	06707685.1	5/25/2011	602006022154.1
PF050030-FR-EPT	organic	FR	1/10/2006	06707685.1	5/25/2011	1836682
PF050030-GB-EPT	organic	GB	1/10/2006	06707685.1	5/25/2011	1836682
PF050030-IN-PCT	organic	IN	1/10/2006	4996/DELNP/07		
PF050030-JP-PCT	organic	JP	1/10/2006	2007-549906	3/18/2011	4705959
PF050030-US-PCT	organic	US	1/10/2006	11/795001	4/9/2013	8416992
PF050067-CN-PCT	organic	CN	3/16/2006	200680010750.0	11/28/2012	ZL200680010750.0
PF050067-DE-EPT	organic	DE	3/16/2006	06708786.6	5/4/2016	602006048955.2
PF050067-FR-EPT	organic	FR	3/16/2006	06708786.6	5/4/2016	1867174
PF050067-JP-PCT	organic	JP	3/16/2006	2008-503478	11/2/2012	5123166
PF050067-US-PCT	organic	US	3/16/2006	11/887714	3/20/2012	8139881
PF050068-CN-PCT	organic	CN	3/16/2006	200680011215.7	7/18/2012	ZL200680011215.7
PF050068-DE-EPT	organic	DE	3/16/2006	06708788.2	8/15/2012	602006031412.4
PF050068-FR-EPT	organic	FR	3/16/2006	06708788.2	8/15/2012	1867175
PF050068-GB-EPT	organic	GB	3/16/2006	06708788.2	8/15/2012	1867175
PF050068-JP-PCT	organic	JP	3/16/2006	2008-504727	11/2/2012	5123168
PF050068-US-PCT	organic	US	3/16/2006	11/887860	3/20/2012	8139882
PF050128-CN-PCT	organic	CN	7/5/2006	200680024652.2	10/31/2012	ZL200680024652.2
PF050128-DE-EPT	organic	DE	7/5/2006	06764064.9	5/3/2017	602006052444.7
PF050128-FR-EPT	organic	FR	7/5/2006	06764064.9	5/3/2017	1899915
PF050128-GB-EPT	organic	GB	7/5/2006	06764064.9	5/3/2017	1899915
PF050128-JP-PCT	organic	JP	7/5/2006	2008-519936	6/8/2012	5011287
PF050128-KR-PCT	organic	KR	7/5/2006	10-2008-7000275	2/28/2013	10-1240745
PF050128-US-PCT	organic	US	7/5/2006	11/988262	12/4/2012	8326026
PF050130-BR-PCT	organic	BR	7/3/2006	PI0613124.7		
PF050130-CN-PCT	organic	CN	7/3/2006	200680024622.1	1/30/2013	ZL200680024622.1
PF050130-DE-EPT	organic	DE	7/3/2006	06764020.1	6/10/2015	602006045660.3
PF050130-FR-EPT	organic	FR	7/3/2006	06764020.1	6/10/2015	1908290
PF050130-GB-EPT	organic	GB	7/3/2006	06764020.1	6/10/2015	1908290
PF050130-IN-PCT	organic	IN	7/3/2006	10155/DELNP/07		
PF050130-JP-PCT	organic	JP	7/3/2006	2008-519926	9/6/2013	5356812

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PF050130-KR-PCT	organic	KR	7/3/2006	10-2007-7030401	6/4/2013	10-1273479
PF050130-US-PCT	organic	US	7/3/2006	11/988283	2/5/2013	8369397
PF050189-CN-PCT	organic	CN	11/22/2006	200680045076.X	10/20/2010	ZL200680045076.X
PF050189-DE-EPT	organic	DE	11/22/2006	06807830.2	12/31/2014	602006044208.4
PF050189-FR-EPT	organic	FR	11/22/2006	06807830.2	12/31/2014	2005760
PF050189-IN-PCT	organic	IN	11/22/2006	4004/DELNP/08		
PF050189-JP-PCT	organic	JP	11/22/2006	2008-542726	7/13/2012	5037517
PF050189-US-PCT	organic	US	11/22/2006	12/085791	8/27/2013	8520141
PF050190-CN-PCT	organic	CN	11/23/2006	200680045439.X	1/5/2011	ZL200680045439.X
PF050190-DE-EPT	organic	DE	11/23/2006	06819686.4	8/19/2015	602006046371.5
PF050190-FR-EPT	organic	FR	11/23/2006	06819686.4	8/19/2015	1958449
PF050190-IN-PCT	organic	IN	11/23/2006	4451/DELNP/08		
PF050190-JP-PCT	organic	JP	11/23/2006	2008-543765	12/7/2012	5148503
PF050190-KR-PCT	organic	KR	11/23/2006	10-2008-7012058	11/27/2013	10-1336104
PF050190-TW-NP	organic	TW	12/1/2006	095144569	2/1/2014	1425836
PF050190-US-PCT	organic	US	11/23/2006	12/085984	3/12/2013	8396124
PF050191-CN-DIV	organic	CN	3/26/2012	201210082629.6	8/20/2014	ZL201210082629.6
PF050191-CN-PCT	organic	CN	11/23/2006	200680045377.2	5/30/2012	ZL200680045377.2
PF050191-EP-EPT	organic	EP	11/23/2006	06807832.8		
PF050191-IN-PCT	organic	IN	11/23/2006	4444/DELNP/08		
PF050191-JP-PCT	organic	JP	11/23/2006	2008-543766	7/6/2012	5031763
PF050191-US-PCT	organic	US	11/23/2006	12/085987	10/7/2014	8855204
PF060065-BR-PCT	organic	BR	4/26/2007	PI0711103.7		
PF060065-CN-PCT	organic	CN	4/26/2007	200780016203.8	3/26/2014	ZL200780016203.8
PF060065-DE-EPT	organic	DE	4/26/2007	07728563.3	4/28/2010	602007006177.6
PF060065-FR-EPT	organic	FR	4/26/2007	07728563.3	4/28/2010	2016774
PF060065-GB-EPT	organic	GB	4/26/2007	07728563.3	4/28/2010	2016774
PF060065-IN-PCT	organic	IN	4/26/2007	5651/CHENP/08	12/4/2017	290211
PF060065-JP-PCT	organic	JP	4/26/2007	2009-508319	6/8/2012	5011378
PF060065-KR-PCT	organic	KR	4/26/2007	10-2008-7027170	9/16/2013	10-1311656
PF060065-US-PCT	organic	US	4/26/2007	12/227046	9/25/2012	8275037
PF060149-BR-PCT	organic	BR	11/6/2007	PI0718817.0		
PF060149-CN-PCT	organic	CN	11/6/2007	200780041236.8	5/15/2013	ZL200780041236.8
PF060149-DE-EPT	organic	DE	11/6/2007	07822251.0	1/11/2017	2090102
PF060149-FR-EPT	organic	FR	11/6/2007	07822251.0	1/11/2017	2090102
PF060149-GB-EPT	organic	GB	11/6/2007	07822251.0	1/11/2017	2090102
PF060149-IT-EPT	organic	IT	11/6/2007	07822251.0	1/11/2017	502017000018512
PF060149-JP-PCT	organic	JP	11/6/2007	2009-535712	12/20/2013	5437073

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PF060149-KR-PCT	organic	KR	11/6/2007	10-2009-7009337	5/19/2014	10-1398942
PF060149-NL-EPT	organic	NL	11/6/2007	07822251.0	1/11/2017	2090102
PF060149-US-PCT	organic	US	11/6/2007	12/312318	9/11/2012	8265271
PF060164-CN-NP	organic	CN	11/22/2007	200710186494.7	2/22/2012	ZL200710186494.7
PF060164-DE-EPA	organic	DE	11/22/2007	07121341.7	6/29/2016	602007046775.6
PF060164-FR-EPA	organic	FR	11/22/2007	07121341.7	6/29/2016	1926104
PF060164-GB-EPA	organic	GB	11/22/2007	07121341.7	6/29/2016	1926104
PF070052-CN-PCT	organic	CN	5/30/2008	200880018814.0	7/18/2012	ZL200880018814.0
PF070052-DE-EPT	organic	DE	5/30/2008	08760258.7	8/24/2011	602008009130.9
PF070052-FR-EPT	organic	FR	5/30/2008	08760258.7	8/24/2011	2163098
PF070052-GB-EPT	organic	GB	5/30/2008	08760258.7	8/24/2011	2163098
PF070052-JP-PCT	organic	JP	5/30/2008	2010-510750	4/5/2013	5238021
PF070052-KR-PCT	organic	KR	5/30/2008	10-2009-7024968	1/15/2015	10-1485014
PF070052-TW-NP	organic	TW	5/9/2008	097117069	1/11/2014	I423171
PF070144-DE-EPT	organic	DE	12/2/2008	08864150.1	8/10/2011	602008008839.1
PF070144-FR-EPT	organic	FR	12/2/2008	08864150.1	8/10/2011	2225888
PF070144-GB-EPT	organic	GB	12/2/2008	08864150.1	8/10/2011	2225888
PF080098-BR-PCT	organic	BR	8/7/2009	PI0916312.3		
PF080098-CN-PCT	organic	CN	8/7/2009	200980131473.2	5/8/2013	ZL200980131473.2
PF080098-EP-EPT	organic	EP	8/7/2009	09781619.3		
PF080098-IN-PCT	organic	IN	8/7/2009	512/CHENP/11		
PF080098-JP-PCT	organic	JP	8/7/2009	2011-522489	8/2/2013	5328916
PF080098-KR-PCT	organic	KR	8/7/2009	10-2011-7005644	4/7/2016	10-1612524
PF080098-MX-PCT	organic	MX	8/7/2009	MX/a/11/001561	5/7/2013	309349
PF080098-RU-PCT	organic	RU	8/7/2009	2011109206	3/28/2014	2517247
PF080098-US-PCT	organic	US	8/7/2009	12/737707	5/14/2013	8442335
PF090019-AU-PCT	organic	AU	2/26/2010	2010220454	5/21/2015	2010220454
PF090019-BR-PCT	organic	BR	2/26/2010	PI1008685.4		
PF090019-CN-PCT	organic	CN	2/26/2010	201080009855.0	8/20/2014	ZL201080009855.0
PF090019-EP-EPT	organic	EP	2/26/2010	10706994.0		
PF090019-HK-FPR	organic	HK	4/3/2012	12103286.3	7/24/2015	HK1163404
PF090019-JP-PCT	organic	JP	2/26/2010	2011-552403	10/31/2014	5639089
PF090019-KR-PCT	organic	KR	2/26/2010	10-2011-7020458	11/17/2016	10-1679094
PF090019-TW-NP	organic	TW	2/26/2010	099105541	1/21/2016	I519130
PF090019-US-PCT	organic	US	2/26/2010	13/138532		
PF090019-VN-PCT	organic	VN	2/26/2010	1-2011-02616	8/22/2016	15875
PF090116-US-NP	organic	US	11/22/2010	12/927700	12/3/2013	8599931
PF100102-CN-PCT	organic	CN	11/10/2011	201180057271.5	8/10/2016	ZL201180057271.5
PF100102-DE-EPT	organic	DE	11/10/2011	11784461.3	4/11/2018	602011047437.5
PF100102-FR-EPT	organic	FR	11/10/2011	11784461.3	4/11/2018	2646984

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PF100102-GB-EPT	organic	GB	11/10/2011	11784461.3	4/11/2018	2646984
PF100102-JP-PCT	organic	JP	11/10/2011	2013-541278	3/4/2016	5894184
PF100102-KR-PCT	organic	KR	11/10/2011	10-2013-7011935	2/26/2018	10-1834470
PF100102-NL-EPT	organic	NL	11/10/2011	11784461.3	4/11/2018	2646984
PF100102-US-PCT	organic	US	11/10/2011	13/989088	6/14/2016	9367932
PF100108-EP-EPA[2]	organic	EP	2/6/2012	12154021.5		
PF100108-US-NP	organic	US	1/26/2012	13/359003	9/15/2015	9137477
PF110009-EP-EPT	organic	EP	12/12/2011	11794733.3		
PF110009-US-PCT	organic	US	12/12/2011	13/980882	3/29/2016	9299002
PF110050-CN-PCT	organic	CN	6/27/2013	201380036440.6		
PF110050-DE-EPT	organic	DE	6/27/2013	13731826.7	4/25/2018	602013036464.8
PF110050-FR-EPT	organic	FR	6/27/2013	13731826.7	4/25/2018	2870753
PF110050-GB-EPT	organic	GB	6/27/2013	13731826.7	4/25/2018	2870753
PF110050-IT-EPT	organic	IT	6/27/2013	13731826.7	4/25/2018	502018000016068
PF110050-JP-PCD	organic	JP	8/1/2017	2017-148745		
PF110050-KR-PCT	organic	KR	6/27/2013	10-2014-7037147		
PF110050-NL-EPT	organic	NL	6/27/2013	13731826.7	4/25/2018	2870753
PF110050-US-PCT	organic	US	6/27/2013	14/412683	12/19/2017	9848204
PF110107-DE-EPA	organic	DE	7/1/2013	13174457.5	10/14/2015	602013003431.1
PF110107-FR-EPA	organic	FR	7/1/2013	13174457.5	10/14/2015	2683165
PF110107-US-NP	organic	US	7/3/2013	13/934393	8/23/2016	9426464
PF110108-EP-EPT	organic	EP	6/27/2013	13734990.8		
PF110108-US-PCT	organic	US	6/27/2013	14/412998		
PF110128-CN-NP	organic	CN	10/29/2012	201210597674.5	10/24/2017	ZL201210597674.5
PF110128-EP-EPA[2]	organic	EP	10/22/2012	12189475.2		
PF110128-JP-NP	organic	JP	10/24/2012	2012-234755	1/13/2017	6071414
PF110128-KR-NP	organic	KR	10/26/2012	10-2012-0119833		
PF110147-DE-EPA	organic	DE	12/7/2011	11306621.1	12/2/2015	602011021782.8
PF110147-FR-EPA	organic	FR	12/7/2011	11306621.1	12/2/2015	2602997
PF110147-US-NP	organic	US	11/28/2012	13/687338	1/3/2017	9538179
PF110166-BR-PCT	organic	BR	8/27/2013	BR1120150057632		
PF110166-CN-PCT	organic	CN	8/27/2013	201380048808.0	4/10/2018	ZL201380048808.0
PF110166-EP-EPT	organic	EP	8/27/2013	13770846.7		
PF110166-JP-PCT	organic	JP	8/27/2013	2015-531513		
PF110166-KR-PCT	organic	KR	8/27/2013	10-2015-7006896		
PF110166-US-PCT	organic	US	8/27/2013	14/429033	1/16/2018	9870606
PF110167-AU-PCT	organic	AU	12/18/2012	2012364389	7/10/2017	2012364389
PF110167-BR-PCT	organic	BR	12/18/2012	BR1120140164177		
PF110167-CN-PCT	organic	CN	12/18/2012	201280066103.7		
PF110167-EP-EPT	organic	EP	12/18/2012	12801771.2		

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PF110167-HK-FPR	organic	HK	5/5/2015	15104260.8		
PF110167-JP-PCT	organic	JP	12/18/2012	2014-550673	3/17/2017	6111266
PF110167-KR-PCT	organic	KR	12/18/2012	10-2014-7018394		
PF110167-US-PCT	organic	US	12/18/2012	14/370773		
PF110167-VN-PCT	organic	VN	12/18/2012	1-2014-02113		
PF110169-CN-NP	organic	CN	10/29/2012	201210420766.6	12/1/2017	ZL201210420766.6
PF110169-EP-EPA	organic	EP	10/17/2012	12188881.2		
PF110169-JP-NP	organic	JP	10/26/2012	2012-236420	2/17/2017	6093546
PF110169-KR-NP	organic	KR	10/26/2012	10-2012-0119685		
PF110181-CN-NP	organic	CN	11/22/2012	201210477789.0	10/20/2017	ZL201210477789.0
PF110181-DE-EPA	organic	DE	11/15/2012	12192812.1	8/6/2014	602012002647.2
PF110181-FR-EPA	organic	FR	11/15/2012	12192812.1	8/6/2014	2597871
PF110181-JP-NP	organic	JP	11/22/2012	2012-256487	3/23/2018	6309188
PF110181-KR-NP	organic	KR	11/21/2012	10-2012-0132664		
PF110181-TW-NP	organic	TW	11/2/2012	101140635	11/11/2016	I558214
PF120005-CN-PCT	organic	CN	1/7/2013	201380005411.3	9/19/2017	ZL201380005411.3
PF120005-EP-EPT	organic	EP	1/7/2013	13700492.5		
PF120005-JP-PCT	organic	JP	1/7/2013	2014-551583	8/25/2017	6195576
PF120005-KR-PCT	organic	KR	1/7/2013	10-2014-7019068		
PF120005-US-PCT	organic	US	1/7/2013	14/372020	10/25/2016	9479795
PF120075-EP-EPT	organic	EP	12/23/2013	13814975.2		
PF120075-US-PCT	organic	US	12/23/2013	14/655240	10/10/2017	9788001
PF120096-EP-EPT	organic	EP	1/29/2013	13702024.4		
PF120096-US-PCT	organic	US	1/29/2013	14/415600	8/29/2017	9747674
PF120116-CN-PCT	organic	CN	9/25/2013	201380053391.7	4/17/2018	ZL201380053391.7
PF120116-EP-EPT	organic	EP	9/25/2013	13770443.3		
PF120116-JP-PCT	organic	JP	9/25/2013	2015-533563	3/23/2018	6309010
PF120116-KR-PCT	organic	KR	9/25/2013	10-2015-7007678		
PF120116-US-PCT	organic	US	9/25/2013	14/431292	6/21/2016	9374597
PF120155-DE-EPT	organic	DE	11/26/2013	13802002.9	5/9/2018	602013037311.6
PF120155-FR-EPT	organic	FR	11/26/2013	13802002.9	5/9/2018	2926557
PF120155-US-PCT	organic	US	11/26/2013	14/648185	8/8/2017	9729876
PF130008-BR-PCT	organic	BR	2/17/2014	BR1120150184200		
PF130008-CN-PCT	organic	CN	2/17/2014	201480009848.9		
PF130008-EP-EPT	organic	EP	2/17/2014	14705136.1		
PF130008-JP-PCT	organic	JP	2/17/2014	2015-558408	3/23/2018	6310947
PF130008-KR-PCT	organic	KR	2/17/2014	10-2015-7022436		
PF130008-US-PCT	organic	US	2/17/2014	14/769087		
PF130009-CN-NP	organic	CN	9/26/2014	201410500309.7		

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PF130009-EP-EPA[2]	organic	EP	9/17/2014	14185212.9		
PF130009-JP-NP	organic	JP	9/22/2014	2014-192415		
PF130009-KR-NP	organic	KR	9/23/2014	10-2014-0126918		
PF130009-US-NP	organic	US	9/19/2014	14/490999	5/16/2017	9654793
PF130021A-AU-PCT	organic	AU	2/17/2014	2014220852	2/8/2018	2014220852
PF130021A-BR-PCT	organic	BR	2/17/2014	BR1120150200605		
PF130021A-CA-PCT	organic	CA	2/17/2014	2899280		
PF130021A-CN-PCT	organic	CN	2/17/2014	201480010053.X		
PF130021A-EG-PCT	organic	EG	2/17/2014	PCT1271/2015		
PF130021A-EP-EPT	organic	EP	2/17/2014	14705142.9		
PF130021A-HK-FPR	organic	HK	5/30/2016	16106091.7		
PF130021A-HK-FPR[2]	organic	HK	5/30/2016	16106092.6		
PF130021A-ID-PCT	organic	ID	2/17/2014	P00201505137		
PF130021A-IL-PCT	organic	IL	2/17/2014	240137		
PF130021A-IN-PCT	organic	IN	2/17/2014	4419/CHENP/2015		
PF130021A-JP-DIV	organic	JP	12/7/2017	2017-234905		
PF130021A-JP-PCT	organic	JP	2/17/2014	2015-558410	12/15/2017	6259472
PF130021A-KR-PCT	organic	KR	2/17/2014	2015-7022643		
PF130021A-MX-PCT	organic	MX	2/17/2014	MX/a/15/010626		
PF130021A-MY-PCT	organic	MY	2/17/2014	PI2015702262		
PF130021A-NG-PCT	organic	NG	2/17/2014	NG/PT/C/2015/1436		
PF130021A-PH-PCT	organic	PH	2/17/2014	1-2015-501680		
PF130021A-RU-PCT	organic	RU	2/17/2014	2015140121		
PF130021A-SG-PCT	organic	SG	2/17/2014	11201505696X	3/15/2017	11201505696X
PF130021A-TH-PCT	organic	TH	2/17/2014	1501004782		
PF130021A-TW-NP	organic	TW	2/21/2014	103105750	4/11/2018	1621350
PF130021A-US-PCT	organic	US	2/17/2014	14/768929		
PF130021A-VN-PCT	organic	VN	2/17/2014	1-2015-02903		
PF130021A-ZA-PCT	organic	ZA	2/17/2014	2015/05086		
PF130024-CN-PCT	organic	CN	2/25/2014	201480010825.X		
PF130024-EP-EPT	organic	EP	2/25/2014	14708821.5		
PF130024-JP-PCT	organic	JP	2/25/2014	2015-559483		
PF130024-KR-PCT	organic	KR	2/25/2014	10-2015-7022982		
PF130024-US-PCT	organic	US	2/25/2014	14/771199	9/19/2017	9767542
PF130030-CN-NP	organic	CN	3/18/2014	201410100644.8		
PF130030-EP-EPA	organic	EP	3/18/2014	14160507.1		
PF130030-JP-NP	organic	JP	3/19/2014	2014-056511	6/8/2018	6348742
PF130030-KR-NP	organic	KR	3/18/2014	10-2014-0031511		
PF130030-US-NP	organic	US	3/13/2014	14/210380	1/17/2017	9547915
PF130056-AU-PCT	organic	AU	6/12/2014	2014301454		
PF130056-BR-PCT	organic	BR	6/12/2014	BR1120150326781		

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PF130056-CN-PCT	organic	CN	6/12/2014	201480037214.4		
PF130056-EP-EPT	organic	EP	6/12/2014	14729658.6		
PF130056-HK-FPR	organic	HK	11/1/2016	16112539.5		
PF130056-JP-PCT	organic	JP	6/12/2014	2016-522379	5/11/2018	6337105
PF130056-KR-PCT	organic	KR	6/12/2014	2015-7036157		
PF130056-TW-NP	organic	TW	6/27/2014	103122189		
PF130056-US-PCT	organic	US	6/12/2014	14/901049		
PF130056-VN-PCT	organic	VN	6/12/2014	1-2015-05010		
PF130071-AU-PCT	organic	AU	11/22/2013	2013387114	6/7/2018	2013387114
PF130071-BR-PCT	organic	BR	11/22/2013	1120150264972		
PF130071-CN-PCT	organic	CN	11/22/2013	201380075720.8		
PF130071-EP-EPT	organic	EP	11/22/2013	13820866.5		
PF130071-HK-FPR	organic	HK	8/16/2016	16109800.3		
PF130071-JP-PCT	organic	JP	11/22/2013	2016-508247		
PF130071-KR-PCT	organic	KR	11/22/2013	10-2015-7029669		
PF130071-TW-NP	organic	TW	4/9/2014	103113074		
PF130071-US-PCT	organic	US	11/22/2013	14/781768	3/27/2018	9930570
PF130071-VN-PCT	organic	VN	11/22/2013	1-2015-04209		
PF130078-CN-PCT	organic	CN	6/13/2014	201480037005.X		
PF130078-EP-EPT	organic	EP	6/13/2014	14730848.0		
PF130078-JP-PCT	organic	JP	6/13/2014	2016-522381		
PF130078-KR-PCT	organic	KR	6/13/2014	10-2015-7036491		
PF130078-US-PCT	organic	US	6/13/2014	14/901168		
PF130106-CN-PCT	organic	CN	6/2/2014	201480032934.1		
PF130106-EP-EPT	organic	EP	6/2/2014	14727518.4		
PF130106-JP-PCT	organic	JP	6/2/2014	2016-518915		
PF130106-KR-PCT	organic	KR	6/2/2014	10-2015-7034825		
PF130106-US-PCT	organic	US	6/2/2014	14/897234	5/22/2018	9979973
PF130125-CN-PCT	organic	CN	7/10/2014	201480040499.7		
PF130125-EP-EPT	organic	EP	7/10/2014	14744790.8		
PF130125-JP-PCT	organic	JP	7/10/2014	2016-526536		
PF130125-KR-PCT	organic	KR	7/10/2014	10-2016-7001286		
PF130125-TW-NP	organic	TW	7/16/2014	103124330		
PF130125-US-PCT	organic	US	7/10/2014	14/905960	5/1/2018	9961353
PF130133-AU-PCT	organic	AU	7/10/2014	2014292249		
PF130133-BR-PCT	organic	BR	7/10/2014	BR1120160003098		
PF130133-CA-PCT	organic	CA	7/10/2014	2916840		
PF130133-CN-PCT	organic	CN	7/10/2014	201480038605.8		
PF130133-EG-PCT	organic	EG	7/10/2014	PCT48/2016		
PF130133-EP-EPT	organic	EP	7/10/2014	14739393.8		
PF130133-HK-FPR	organic	HK	11/11/2016	16112964.9		
PF130133-HK-FPR[2]	organic	HK	8/10/2016	16109504.2		

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PF130133-ID-PCT	organic	ID	7/10/2014	P-00201600172		
PF130133-IL-PCT	organic	IL	7/10/2014	242863		
PF130133-IN-PCT	organic	IN	7/10/2014	7450/CHENP/15		
PF130133-JP-PCT	organic	JP	7/10/2014	2016-526535		
PF130133-KR-PCT	organic	KR	7/10/2014	10-2016-7000932		
PF130133-MX-PCT	organic	MX	7/10/2014	MX/a/16/000544		
PF130133-MY-PCT	organic	MY	7/10/2014	PI2015704358		
PF130133-NG-PCT	organic	NG	7/10/2014	NG/PT/C/2015/1679		
PF130133-PH-PCT	organic	PH	7/10/2014	1-2015-502699		
PF130133-RU-PCT	organic	RU	7/10/2014	2016104769		
PF130133-SG-PCT	organic	SG	7/10/2014	11201509966X		
PF130133-TH-PCT	organic	TH	7/10/2014	1601000191		
PF130133-TW-NP	organic	TW	7/4/2014	103123080		
PF130133-US-CNT	organic	US	5/29/2018	15/991808		
PF130133-US-PCT	organic	US	7/10/2014	14/905610	7/17/2018	10027941
PF130133-VN-PCT	organic	VN	7/10/2014	1-2015-04672		
PF130133-ZA-PCT	organic	ZA	7/10/2014	2015/08822		
PF130154-EP-EPA	organic	EP	11/27/2014	14306904.5		
PF130154-US-NP	organic	US	11/27/2015	14/953017		
PF130156-EP-EPA[2]	organic	EP	9/30/2015	15187699.2		
PF130156-US-NP	organic	US	10/2/2015	14/873604		
PF130178-BR-PCT	organic	BR	10/31/2014	BR1120160121350		
PF130178-CN-PCT	organic	CN	10/31/2014	201480064707.7		
PF130178-EP-EPT	organic	EP	10/31/2014	14792804.8		
PF130178-JP-PCT	organic	JP	10/31/2014	2016-534899		
PF130178-KR-PCT	organic	KR	10/31/2014	10-2016-7014022		
PF130178-TW-NP	organic	TW	11/21/2014	103140339		
PF130178-US-PCD	organic	US	7/2/2018	16/025325		
PF130178-US-PCT	organic	US	10/31/2014	15/039258		
PF130180-EP-EPA	organic	EP	10/10/2014	14306603.3		
PF130180-US-NP	organic	US	10/8/2015	14/879039	11/7/2017	9811890
PF130209-EP-EPT	organic	EP	11/25/2014	14805228.5		
PF130209-US-PCT	organic	US	11/25/2014	15/038769		
PF130210-EP-EPT	organic	EP	10/22/2014	14792781.8		
PF130210-US-PCT	organic	US	10/22/2014	15/033609		
PF130222-CN-PCT	organic	CN	10/30/2014	201480060433.4		
PF130222-EP-EPT	organic	EP	10/30/2014	14792469.0		
PF130222-JP-PCT	organic	JP	10/30/2014	2016-550997		
PF130222-KR-PCT	organic	KR	10/30/2014	10-2016-7011972		
PF130222-US-PCT	organic	US	10/30/2014	15/034932		
PF130230-CN-PCT	organic	CN	12/15/2014	201480069197.2		
PF130230-EP-EPT	organic	EP	12/15/2014	14820807.7		
PF130230-JP-PCT	organic	JP	12/15/2014	2016-541542		
PF130230-KR-PCT	organic	KR	12/15/2014	2016-7016604		

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PF130230-TW-NP	organic	TW	12/17/2014	103143970		
PF130230-US-PCT	organic	US	12/15/2014	15/106242		
PF130231-CN-NP	organic	CN	5/17/2016	201610325693.0		
PF130231-EP-EPA[2]	organic	EP	5/12/2016	16169266.0		
PF130231-JP-NP	organic	JP	5/16/2016	2016-097619		
PF130231-KR-NP	organic	KR	5/17/2016	10-2016-0060259		
PF130231-TW-NP	organic	TW	4/22/2016	105112524		
PF130231-US-NP	organic	US	5/17/2016	15/157342		
PF130234-BR-PCT	organic	BR	1/8/2015	BR1120160161076		
PF130234-CN-PCT	organic	CN	1/8/2015	201580008197.6		
PF130234-EP-EPT	organic	EP	1/8/2015	15700076.1		
PF130234-JP-PCT	organic	JP	1/8/2015	2016-546017		
PF130234-KR-PCT	organic	KR	1/8/2015	10-2016-7018439		
PF130234-TW-NP	organic	TW	1/8/2015	104100462		
PF130234-US-PCT	organic	US	1/8/2015	15/110749		
PF130235-CN-PCT	organic	CN	6/17/2015	201580035112.3		
PF130235-EP-EPT	organic	EP	6/17/2015	15728887.9		
PF130235-JP-PCT	organic	JP	6/17/2015	2016-574928		
PF130235-KR-PCT	organic	KR	6/17/2015	2016-7036392		
PF130235-TW-NP	organic	TW	6/26/2015	104120625		
PF130235-US-PCT	organic	US	6/17/2015	15/322446		
PF130266A-CN-PCT	organic	CN	12/22/2014	201480071207.6		
PF130266A-EP-EPT	organic	EP	12/22/2014	14821639.3		
PF130266A-JP-PCT	organic	JP	12/22/2014	2016-543142		
PF130266A-KR-PCT	organic	KR	12/22/2014	10-2016-7016154		
PF130266A-TW-NP	organic	TW	12/24/2014	103145097		
PF130266A-US-PCT	organic	US	12/22/2014	15/108556	3/20/2018	9924178
PF130273-CN-PCT	organic	CN	12/22/2014	201480071212.7		
PF130273-EP-EPT	organic	EP	12/22/2014	14819006.9		
PF130273-JP-PCT	organic	JP	12/22/2014	2016-542766		
PF130273-KR-PCT	organic	KR	12/22/2014	10-2016-7017048		
PF130273-TW-NP	organic	TW	12/24/2014	103145095		
PF130273-US-PCT	organic	US	12/22/2014	15/108561	6/19/2018	10003809
PF130277-CN-PCT	organic	CN	12/2/2014	201480070990.4		
PF130277-DE-EPT	organic	DE	12/2/2014	14806604.6	8/1/2018	3087730
PF130277-EP-EPT	organic	EP	12/2/2014	14806604.6	8/1/2018	3087730
PF130277-ES-EPT	organic	ES	12/2/2014	14806604.6	8/1/2018	3087730
PF130277-FR-EPT	organic	FR	12/2/2014	14806604.6	8/1/2018	3087730
PF130277-GB-EPT	organic	GB	12/2/2014	14806604.6	8/1/2018	3087730
PF130277-IT-EPT	organic	IT	12/2/2014	14806604.6	8/1/2018	3087730
PF130277-JP-PCT	organic	JP	12/2/2014	2016-543050		
PF130277-KR-PCT	organic	KR	12/2/2014	10-2016-7020125		

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PF130277-NL-EPT	organic	NL	12/2/2014	14806604.6	8/1/2018	3087730
PF130277-PL-EPT	organic	PL	12/2/2014	14806604.6	8/1/2018	3087730
PF130277-RO-EPT	organic	RO	12/2/2014	14806604.6	8/1/2018	3087730
PF130277-TR-EPT	organic	TR	12/2/2014	14806604.6	8/1/2018	3087730
PF130277-US-PCT	organic	US	12/2/2014	15/108562	3/6/2018	9911181
PF140004-AU-PCT	organic	AU	6/12/2014	2014377337		
PF140004-BR-PCT	organic	BR	6/12/2014	BR1120160158784		
PF140004-CN-PCT	organic	CN	6/12/2014	201480072421.3		
PF140004-EP-EPT	organic	EP	6/12/2014	14730149.3		
PF140004-JP-PCT	organic	JP	6/12/2014	2016-544798		
PF140004-KR-PCT	organic	KR	6/12/2014	2016-7018200		
PF140004-TW-NP	organic	TW	6/25/2014	103121790		
PF140004-US-PCT	organic	US	6/12/2014	15/110210		
PF140004-VN-PCT	organic	VN	6/12/2014	1-2016-02744		
PF140007D-CN-PCT	organic	CN	12/16/2014	201480075350.2		
PF140007D-EP-EPT	organic	EP	12/16/2014	14812509.9		
PF140007D-JP-PCT	organic	JP	12/16/2014	2016-545771		
PF140007D-KR-PCT	organic	KR	12/16/2014	10-2016-7021626		
PF140007D-TW-NP	organic	TW	1/8/2015	104100460		
PF140007D-US-PCT	organic	US	12/16/2014	15/110747		
PF140009A-CN-PCT	organic	CN	1/13/2015	201580003935.8		
PF140009A-EP-EPT	organic	EP	1/13/2015	15703099.0		
PF140009A-JP-PCT	organic	JP	1/13/2015	2016-546770		
PF140009A-KR-PCT	organic	KR	1/13/2015	10-2016-7018942		
PF140009A-US-PCT	organic	US	1/13/2015	15/109685		
PF140032-EP-EPA	organic	EP	2/4/2014	14305149.8		
PF140033-EP-EPA	organic	EP	1/30/2014	14305132.4		
PF140033-US-NP	organic	US	1/28/2015	14/608168	5/23/2017	9661334
PF140035-CN-PCT[2]	organic	CN	1/21/2015	201580006613.9		
PF140035-EP-EPT[2]	organic	EP	1/21/2015	15701180.0		
PF140035-JP-PCT[2]	organic	JP	1/21/2015	2016-549145		
PF140035-KR-PCT[2]	organic	KR	1/21/2015	2016-7020683		
PF140035-US-PCT[2]	organic	US	1/21/2015	15/115669	3/6/2018	9912839
PF140040-CN-NP	organic	CN	4/23/2015	201510197717.4		
PF140040-EP-EPA[2]	organic	EP	4/16/2015	15163796.4		
PF140040-JP-NP	organic	JP	4/2/2015	2015-076163		
PF140040-KR-NP	organic	KR	4/22/2015	10-2015-0056552		
PF140040-US-NP	organic	US	4/22/2015	14/693544		
PF140041-EP-EPA[2]	organic	EP	12/7/2015	15198213.9		
PF140041-US-NP	organic	US	12/16/2015	14/970763	6/13/2017	9681140
PF140046-CN-PCT	organic	CN	2/23/2015	201580010295.3		
PF140046-EP-EPT	organic	EP	2/23/2015	15706784.4		
PF140046-HK-FPR[2]	organic	HK	6/22/2017	17106232.6		
PF140046-JP-PCT	organic	JP	2/23/2015	2016-549549		

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PF140046-KR-PCT	organic	KR	2/23/2015	10-2016-7023235		
PF140046-TW-NP	organic	TW	2/26/2015	104106411		
PF140046-US-PCT	organic	US	2/23/2015	15/122149		
PF140057-CN-PCT	organic	CN	2/23/2015	201580010418.3		
PF140057-EP-EPT	organic	EP	2/23/2015	15706769.5		
PF140057-HK-FPR[2]	organic	HK	6/21/2017	17106168.4		
PF140057-JP-PCT	organic	JP	2/23/2015	2016-554199		
PF140057-KR-PCT	organic	KR	2/23/2015	10-2016-7022793		
PF140057-US-PCT	organic	US	2/23/2015	15/119884		
PF140060-CN-PCT	organic	CN	6/17/2015	201580038082.1		
PF140060-EP-EPT	organic	EP	6/17/2015	15729836.5		
PF140060-JP-PCT	organic	JP	6/17/2015	2016-573858		
PF140060-KR-PCT	organic	KR	6/17/2015	10-2016-7035986		
PF140060-TW-NP	organic	TW	6/24/2015	104120216		
PF140060-US-PCT	organic	US	6/17/2015	15/322111		
PF140101-AU-PCT	organic	AU	7/20/2015	2015294052		
PF140101-BR-PCT	organic	BR	7/20/2015	BR1120170009927		
PF140101-CN-PCT	organic	CN	7/20/2015	201580040166.9		
PF140101-EP-EPT	organic	EP	7/20/2015	15736852.3		
PF140101-HK-FPR	organic	HK	11/27/2017	17112437.7		
PF140101-JP-PCT	organic	JP	7/20/2015	2017-503115		
PF140101-KR-PCT	organic	KR	7/20/2015	10-2017-7001827		
PF140101-MX-PCT	organic	MX	7/20/2015	MX/a/17/000846		
PF140101-TW-NP	organic	TW	7/17/2015	104123152		
PF140101-US-PCT	organic	US	7/20/2015	15/328043		
PF140102-CN-PCT	organic	CN	12/3/2015	201580072586.5		
PF140102-EP-EPT	organic	EP	12/3/2015	15804780.3		
PF140102-JP-PCT	organic	JP	12/3/2015	2017-529325		
PF140102-KR-PCT	organic	KR	12/3/2015	10-2017-7015580		
PF140102-US-PCT	organic	US	12/3/2015	15/533778		
PF140103-CN-PCT	organic	CN	6/27/2016	201680050362.9		
PF140103-EP-EPT	organic	EP	6/27/2016	16733456.4		
PF140103-JP-PCT	organic	JP	6/27/2016	2017-567607		
PF140103-KR-PCT	organic	KR	6/27/2016	1020177037683		
PF140103-US-PCT	organic	US	6/27/2016	15/741251		
PF140104-EP-EPT	organic	EP	8/21/2015	15754199.6		
PF140104-US-PCT	organic	US	8/21/2015	15/505242		
PF140107-CN-NP	organic	CN	4/8/2016	201610216709.4		
PF140107-EP-EPA	organic	EP	4/9/2015	15305520.7		
PF140107-JP-NP	organic	JP	4/11/2016	2016-078891		

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PF140107-KR-NP	organic	KR	4/8/2016	2016-0043552		
PF140107-US-NP	organic	US	4/6/2016	15/092587		
PF140108-EP-EPA	organic	EP	6/16/2014	14305920.2		
PF140108-US-NP	organic	US	6/15/2015	14/739081	4/17/2018	9948956
PF140129A-DE-EPT	organic	DE	5/19/2015	15736793.9	7/4/2018	602015013090.1
PF140129A-FR-EPT	organic	FR	5/19/2015	15736793.9	7/4/2018	3146718
PF140129A-TW-NP	organic	TW	5/7/2015	104114512		
PF140129A-US-PCT	organic	US	5/19/2015	15/312659		
PF140160A-CN-NP	organic	CN	6/4/2015	201510302996.6		
PF140160A-EP-EPA[2]	organic	EP	5/21/2015	15168673.0		
PF140160A-JP-NP	organic	JP	6/3/2015	2015-113247		
PF140160A-KR-NP	organic	KR	6/3/2015	10-2015-0078585		
PF140160A-US-NP	organic	US	6/5/2015	14/732614		
PF140174A-AU-PCT	organic	AU	4/9/2015	2015276544		
PF140174A-BR-PCT	organic	BR	4/9/2015	BR1120160288823		
PF140174A-CN-PCT	organic	CN	4/9/2015	201580032791.9		
PF140174A-EP-EPT	organic	EP	4/9/2015	15714833.9		
PF140174A-HK-FPR	organic	HK	10/17/2017	17110484.3		
PF140174A-JP-PCT	organic	JP	4/9/2015	2016-573114		
PF140174A-KR-PCT	organic	KR	4/9/2015	10-2016-7035102		
PF140174A-TW-NP	organic	TW	5/22/2015	104116354		
PF140174A-US-PCT	organic	US	4/9/2015	15/319421		
PF140174A-VN-PCT	organic	VN	4/9/2015	1-2016-05199		
PF140192-CN-PCT	organic	CN	6/7/2016	201680033694.6		
PF140192-EP-EPT	organic	EP	6/7/2016	16732462.3		
PF140192-JP-PCT	organic	JP	6/7/2016	2017-563181		
PF140192-KR-PCT	organic	KR	6/7/2016	10-2017-7035227		
PF140192-TW-NP	organic	TW	6/3/2016	105117485		
PF140192-US-PCT	organic	US	6/7/2016	15/735174		
PF140194-CN-NP	organic	CN	6/15/2016	201610826599.3		
PF140194-EP-EPA[2]	organic	EP	6/13/2016	16174088.1		
PF140194-JP-NP	organic	JP	6/15/2016	2016-119120		
PF140194-KR-NP	organic	KR	6/14/2016	2016-0073819		
PF140194-TW-NP	organic	TW	6/8/2016	105118053		
PF140194-US-NP	organic	US	6/13/2016	15/180214		
PF140195A-EP-EPT	organic	EP	6/4/2015	15726190.0		
PF140195A-TW-NP	organic	TW	6/18/2015	104119664		
PF140195A-US-PCT	organic	US	6/4/2015	15/319102		
PF140198A-AU-PCT	organic	AU	6/4/2015	2015276393		
PF140198A-BR-PCT	organic	BR	6/4/2015	BR1120160299639		
PF140198A-CN-PCT	organic	CN	6/4/2015	201580033334.1		
PF140198A-EP-EPT	organic	EP	6/4/2015	15728801.0		

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PF140198A-HK-FPR	organic	HK	10/18/2017	17110558.4		
PF140198A-JP-PCT	organic	JP	6/4/2015	2016-573811		
PF140198A-KR-PCT	organic	KR	6/4/2015	10-2017-7001460		
PF140198A-MX-PCT	organic	MX	6/4/2015	MX/a/16/017116		
PF140198A-TW-NP	organic	TW	6/12/2015	104118996		
PF140198A-US-PCT	organic	US	6/4/2015	15/320302		
PF140198A-VN-PCT	organic	VN	6/4/2015	1-2017-00185		
PF140198A-ZA-PCT	organic	ZA	6/4/2015	2016/08451		
PF140246-EP-EPA[2]	organic	EP	8/18/2016	16184657.1		
PF140246-US-NP	organic	US	8/24/2016	15/246273	7/3/2018	10013745
PF140268-CN-PCT[2]	organic	CN	12/22/2015	201580071665.4		
PF140268-EP-EPT[2]	organic	EP	12/22/2015	15822935.1		
PF140268-JP-PCT[2]	organic	JP	12/22/2015	2017-533410		
PF140268-KR-PCT[2]	organic	KR	12/22/2015	10-2017-7018188		
PF140268-US-PCT[2]	organic	US	12/22/2015	15/541150		
PF140289-CN-PCT	organic	CN	10/20/2016	201680067890.5		
PF140289-EP-EPT	organic	EP	10/20/2016	16785437.1		
PF140289-JP-PCT	organic	JP	10/20/2016	2018-520550		
PF140289-KR-PCT	organic	KR	10/20/2016	10-2018-7011265		
PF140289-US-PCT	organic	US	10/20/2016	15/769896		
PF140291A-CN-PCT	organic	CN	10/1/2015	201580056459.6		
PF140291A-EP-EPT	organic	EP	10/1/2015	15771621.8		
PF140291A-JP-PCT	organic	JP	10/1/2015	2017-518293		
PF140291A-KR-PCT	organic	KR	10/1/2015	10-2017-7010288		
PF140291A-TW-NP	organic	TW	10/8/2015	104133121		
PF140291A-US-PCT	organic	US	10/1/2015	15/518233		
PF140316-EP-EPT	organic	EP	10/22/2015	15784663.5		
PF140316-TW-NP	organic	TW	10/23/2015	104134757		
PF140316-US-PCT	organic	US	10/22/2015	15/522761		
PF140317-CN-PCT	organic	CN	10/22/2015	201580059216.8		
PF140317-EP-EPT	organic	EP	10/22/2015	15784664.3		
PF140317-JP-PCT	organic	JP	10/22/2015	2017-522472		
PF140317-KR-PCT	organic	KR	10/22/2015	10-2017-7011461		
PF140317-TW-NP	organic	TW	10/23/2015	104134759		
PF140317-US-PCT	organic	US	10/22/2015	15/521880		
PF140334-EP-EPA	organic	EP	12/1/2014	14306931.8		
PF140334-US-NP	organic	US	12/1/2015	14/956311	7/4/2017	9699426
PF140349-AU-PCT	organic	AU	12/9/2015	2015366617		
PF140349-BR-PCT	organic	BR	12/9/2015	BR1120170128454		
PF140349-CA-PCT	organic	CA	12/9/2015	2970972		
PF140349-CN-PCT	organic	CN	12/9/2015	201580068390.9		
PF140349-EP-EPT	organic	EP	12/9/2015	15817101.7		

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PF140349-IN-PCT	organic	IN	12/9/2015	201717016574		
PF140349-JP-PCT	organic	JP	12/9/2015	2017-531870		
PF140349-KR-PCT	organic	KR	12/9/2015	10-2017- 7016733		
PF140349-MX-PCT	organic	MX	12/9/2015	MX/a/17/00791 8		
PF140349-MY-PCT	organic	MY	12/9/2015	PI2017701616		
PF140349-PH-PCT	organic	PH	12/9/2015	1-2017-500885		
PF140349-RU-PCT	organic	RU	12/9/2015	2017122748		
PF140349-TH-PCT	organic	TH	12/9/2015	1701003336		
PF140349-TW-NP	organic	TW	12/4/2015	104140641		
PF140349-US-PCT	organic	US	12/9/2015	15/537382		
PF140349-VN-PCT	organic	VN	12/9/2015	1-2017-02448		
PF140351-BR-PCT	organic	BR	2/26/2016	BR1120170190 04 4		
PF140351-CA-PCT	organic	CA	2/26/2016	2978072		
PF140351-CN-PCT	organic	CN	2/26/2016	201680022582. 0		
PF140351-EP-EPT	organic	EP	2/26/2016	16706848.5		
PF140351-IN-PCT	organic	IN	2/26/2016	201747030383		
PF140351-JP-PCT	organic	JP	2/26/2016	2017-546605		
PF140351-KR-PCT	organic	KR	2/26/2016	10-2017- 7027809		
PF140351-MX-PCT	organic	MX	2/26/2016	MX/a/17/01132 3		
PF140351-RU-PCT	organic	RU	2/26/2016	2017134151		
PF140351-TW-NP	organic	TW	2/26/2016	105105763		
PF140351-US-PCT	organic	US	2/26/2016	15/555486		
PF150004A-BR-PCT	organic	BR	1/26/2016	BR1120170161 478		
PF150004A-CN-PCT	organic	CN	1/26/2016	201680019075. 1		
PF150004A-EP-EPT	organic	EP	1/26/2016	16701752.4		
PF150004A-JP-PCT	organic	JP	1/26/2016	2017-557494		
PF150004A-KR-PCT	organic	KR	1/26/2016	10-2017- 7021074		
PF150004A-TW-NP	organic	TW	1/27/2016	105102563		
PF150004A-US-PCT	organic	US	1/26/2016	15/545782		
PF150011-CN-PCT	organic	CN	9/1/2016	201680060923. 3		
PF150011-EP-EPT	organic	EP	9/1/2016	16758202.2		
PF150011-JP-PCT	organic	JP	9/1/2016	2018-530958		
PF150011-KR-PCT	organic	KR	9/1/2016	10-2018- 7009576		
PF150011-US-PCT	organic	US	9/1/2016	15/758279		
PF150017A-AU-PCT	organic	AU	1/25/2016	2016212242		
PF150017A-BR-PCT	organic	BR	1/25/2016	BR1120170155 931		
PF150017A-CA-PCT	organic	CA	1/25/2016	2973637		
PF150017A-CN-PCT	organic	CN	1/25/2016	201680007783. 3		
PF150017A-EP-EPT	organic	EP	1/25/2016	16701607.0		
PF150017A-IN-PCT	organic	IN	1/25/2016	201747024629		
PF150017A-JP-PCT	organic	JP	1/25/2016	2017-539641		

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PF150017A-KR-PCT	organic	KR	1/25/2016	10-2017-7020987		
PF150017A-MX-PCT	organic	MX	1/25/2016	MX/a/17/009750		
PF150017A-MY-PCT	organic	MY	1/25/2016	PI2017702483		
PF150017A-RU-PCT	organic	RU	1/25/2016	2017127151		
PF150017A-TH-PCT	organic	TH	1/25/2016	1701004193		
PF150017A-US-PCT	organic	US	1/25/2016	15/546121		
PF150017A-VN-PCT	organic	VN	1/25/2016	1-2017-03080		
PF150018A-AU-PCT	organic	AU	1/25/2016	2016212243		
PF150018A-BR-PCT	organic	BR	1/25/2016	BR1120170157900		
PF150018A-CA-PCT	organic	CA	1/25/2016	2975172		
PF150018A-CN-PCT	organic	CN	1/25/2016	201680008047.X		
PF150018A-EP-EPT	organic	EP	1/25/2016	16701608.8		
PF150018A-IN-PCT	organic	IN	1/25/2016	201717024358		
PF150018A-JP-PCT	organic	JP	1/25/2016	2017-539642		
PF150018A-KR-PCT	organic	KR	1/25/2016	10-2017-7020984		
PF150018A-MX-PCT	organic	MX	1/25/2016	MX/a/17/009748		
PF150018A-MY-PCT	organic	MY	1/25/2016	PI2017702443		
PF150018A-RU-PCT	organic	RU	1/25/2016	2017130386		
PF150018A-TH-PCT	organic	TH	1/25/2016	1701004192		
PF150018A-US-PCT	organic	US	1/25/2016	15/547512		
PF150018A-VN-PCT	organic	VN	1/25/2016	1-2017-03079		
PF150020-BR-PCT	organic	BR	1/25/2016	BR1120170161966		
PF150020-CN-PCT	organic	CN	1/25/2016	201680007840.8		
PF150020-EP-EPT	organic	EP	1/25/2016	16701609.6		
PF150020-JP-PCT	organic	JP	1/25/2016	2017-538581		
PF150020-KR-PCT	organic	KR	1/25/2016	10-2017-7021189		
PF150020-US-PCT	organic	US	1/25/2016	15/547509		
PF150022A-BR-PCT	organic	BR	1/18/2016	BR1120170159376		
PF150022A-CN-PCT	organic	CN	1/18/2016	201680007500.5		
PF150022A-EP-EPT	organic	EP	1/18/2016	16700965.3		
PF150022A-JP-PCT	organic	JP	1/18/2016	2017-539543		
PF150022A-KR-PCT	organic	KR	1/18/2016	10-2017-7021402		
PF150022A-US-PCT	organic	US	1/18/2016	15/547508		
PF150026-CN-PCT	organic	CN	1/19/2016	201680007240.1		
PF150026-EP-EPT	organic	EP	1/29/2016	16702519.6		
PF150026-JP-PCT	organic	JP	1/29/2016	2017-535918		
PF150026-KR-PCT	organic	KR	1/29/2016	10-2017-7021015		
PF150026-US-PCT	organic	US	1/29/2016	15/544753		
PF150039-CN-PCT	organic	CN	1/28/2016	201680016793.3		

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PF150039-EP-EPT	organic	EP	1/28/2016	16701787.0		
PF150039-US-PCT	organic	US	1/28/2016	15/546646		
PF150040A-BR-PCT	organic	BR	1/27/2016	BR1120170159074		
PF150040A-CA-PCT	organic	CA	1/27/2016	2975180		
PF150040A-CN-PCT	organic	CN	1/27/2016	201680008048.4		
PF150040A-EP-EPT	organic	EP	1/27/2016	16701778.9		
PF150040A-IN-PCT	organic	IN	1/27/2016	201717024608		
PF150040A-JP-PCT	organic	JP	1/27/2016	2017-539653		
PF150040A-KR-PCT	organic	KR	1/27/2016	10-2017-7021159		
PF150040A-MX-PCT	organic	MX	1/27/2016	MX/a/17/009749		
PF150040A-MY-PCT	organic	MY	1/27/2016	PI2017702476		
PF150040A-RU-PCT	organic	RU	1/27/2016	2017127149		
PF150040A-TW-NP	organic	TW	1/29/2016	105102773		
PF150040A-US-PCT	organic	US	1/27/2016	15/546336		
PF150046-CN-PCT	organic	CN	1/26/2016	201680008856.0		
PF150046-EP-EPT	organic	EP	1/26/2016	16701640.1		
PF150046-JP-PCT	organic	JP	1/26/2016	2017-541323		
PF150046-KR-PCT	organic	KR	1/26/2016	10-2017-7021815		
PF150046-US-PCT	organic	US	1/26/2016	15/666747		
PF150047A-EP-EPA	organic	EP	2/6/2015	15305179.2		
PF150067A-AU-PCT	organic	AU	2/5/2016	2016218082		
PF150067A-BR-PCT	organic	BR	2/5/2016	BR1120170170728		
PF150067A-CA-PCT	organic	CA	2/5/2016	2976416		
PF150067A-CN-PCT	organic	CN	2/5/2016	201680009974.3		
PF150067A-EP-EPT	organic	EP	2/5/2016	16703303.4		
PF150067A-IN-PCT	organic	IN	2/5/2016	201747024843		
PF150067A-JP-PCT	organic	JP	2/5/2016	2017-541994		
PF150067A-KR-PCT	organic	KR	2/5/2016	10-2017-7022442		
PF150067A-MX-PCT	organic	MX	2/5/2016	MX/a/17/010346		
PF150067A-MY-PCT	organic	MY	2/5/2016	PI2017702497		
PF150067A-RU-PCT	organic	RU	2/5/2016	2017131416		
PF150067A-TH-PCT	organic	TH	2/5/2016	1701004519		
PF150067A-TW-NP	organic	TW	2/5/2016	105103905		
PF150067A-US-PCT	organic	US	2/5/2016	15/549810		
PF150067A-VN-PCT	organic	VN	2/5/2016	1-2017-03235		
PF150068A-CN-PCT	organic	CN	2/19/2016	201680011026.3		
PF150068A-EP-EPT	organic	EP	2/19/2016	16705530.0		
PF150068A-JP-PCT	organic	JP	2/19/2016	2017-539391		
PF150068A-KR-PCT	organic	KR	2/19/2016	10-2017-7022815		
PF150068A-TW-NP	organic	TW	2/18/2016	105104806		
PF150068A-US-PCT	organic	US	2/19/2016	15/549187		
PF150076-EP-EPA	organic	EP	5/20/2015	15305760.9		

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PF150076-US-NP	organic	US	3/16/2016	15/072241		
PF150077-CN-PCT	organic	CN	2/29/2016	201680025577.5		
PF150077-EP-EPT	organic	EP	2/29/2016	16706879.0		
PF150077-JP-PCT	organic	JP	2/29/2016	2017-547453		
PF150077-KR-PCT	organic	KR	2/29/2016	10-2017-7025443		
PF150077-US-PCT	organic	US	2/29/2016	15/557123		
PF150079-CN-PCT	organic	CN	9/5/2016	201680061252.2		
PF150079-EP-EPT	organic	EP	9/5/2016	16760505.4		
PF150079-JP-PCT	organic	JP	9/5/2016	2018-512284		
PF150079-KR-PCT	organic	KR	9/5/2016	10-2018-7009543		
PF150079-US-PCT	organic	US	9/5/2016	15/757417		
PF150082-AU-PCT	organic	AU	8/23/2016	2016321728		
PF150082-BR-PCT	organic	BR	8/23/2016	BR1120180053392		
PF150082-CA-PCT	organic	CA	8/23/2016	2998661		
PF150082-CN-PCT	organic	CN	8/23/2016	201680064918.X		
PF150082-EP-EPT	organic	EP	8/23/2016	16754510.2		
PF150082-IN-PCT	organic	IN	8/23/2016	201817009323		
PF150082-JP-PCT	organic	JP	8/23/2016	2018-514433		
PF150082-KR-PCT	organic	KR	8/23/2016	10-2018-7010403		
PF150082-MX-PCT	organic	MX	8/23/2016	MX/a/18/003266		
PF150082-RU-PCT	organic	RU	8/23/2016	2018113714		
PF150082-TW-NP	organic	TW	9/2/2016	105128314		
PF150082-US-PCT	organic	US	8/23/2016	15/759874		
PF150082-VN-PCT	organic	VN	8/23/2016	1-2018-01096		
PF150084-CN-PCT	organic	CN	9/14/2016	201680065314.7		
PF150084-EP-EPT	organic	EP	9/14/2016	16769921.4		
PF150084-JP-PCT	organic	JP	9/14/2016	2018-513479		
PF150084-KR-PCT	organic	KR	9/14/2016	10-2018-7007404		
PF150084-US-PCT	organic	US	9/14/2016	15/759564		
PF150088-CN-PCT	organic	CN	6/27/2016	201680039146.4		
PF150088-EP-EPT	organic	EP	6/27/2016	16775474.6		
PF150088-JP-PCT	organic	JP	6/27/2016	2017-568278		
PF150088-KR-PCT	organic	KR	6/27/2016	10-2017-7037932		
PF150088-TW-NP	organic	TW	6/24/2016	105119816		
PF150088-US-PCT	organic	US	6/27/2016	15/741257		
PF150091-BR-PCT	organic	BR	6/27/2016	BR1120170284596		
PF150091-CA-PCT	organic	CA	6/27/2016	2990988		
PF150091-CN-PCT	organic	CN	6/27/2016	201680044781.1		
PF150091-EP-EPT	organic	EP	6/27/2016	16793759.8		
PF150091-IN-PCT	organic	IN	6/27/2016	201747044796		

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PF150091-JP-PCT	organic	JP	6/27/2016	2017-567637		
PF150091-KR-PCT	organic	KR	6/27/2016	10-2018-7002625		
PF150091-MX-PCT	organic	MX	6/27/2016	MX/a/2017/016832		
PF150091-RU-PCT	organic	RU	6/27/2016	2018102703		
PF150091-TW-NP	organic	TW	6/24/2016	105119815		
PF150091-US-PCT	organic	US	6/27/2016	15/741096		
PF150091-VN-PCT	organic	VN	6/27/2016	1-2018-00159		
PF150091-ZA-PCT	organic	ZA	6/27/2016	2017/08433		
PF150101-CN-PCT	organic	CN	6/24/2016	201680038832.X		
PF150101-EP-EPT	organic	EP	6/24/2016	16733410.1		
PF150101-JP-PCT	organic	JP	6/24/2016	2017-567806		
PF150101-KR-PCT	organic	KR	6/24/2016	10-2017-7037260		
PF150101-US-PCT	organic	US	6/24/2016	15/736331		
PF150102-WO-PCT	organic	WO	10/24/2017	PCT/EP17/077140		
PF150107-EP-EPA	organic	EP	4/3/2015	15305507.4		
PF150107-US-NP	organic	US	4/29/2015	14/699736		
PF150110-EP-EPT	organic	EP	5/12/2016	16722203.3		
PF150110-US-PCT	organic	US	5/12/2016	15/571901		
PF150116-BR-PCT	organic	BR	9/16/2016	BR1120180053457		
PF150116-CA-PCT	organic	CA	9/16/2016	2998671		
PF150116-CN-PCT	organic	CN	9/16/2016	201680064894.8		
PF150116-EP-EPT	organic	EP	9/16/2016	16769966.9		
PF150116-IN-PCT	organic	IN	9/16/2016	201847009312		
PF150116-JP-PCT	organic	JP	9/16/2016	2018-514352		
PF150116-KR-PCT	organic	KR	9/16/2016	10-2018-7010402		
PF150116-MX-PCT	organic	MX	9/16/2016	MX/a/18/003267		
PF150116-RU-PCT	organic	RU	9/16/2016	2018113711		
PF150116-TW-NP	organic	TW	9/19/2016	105130175		
PF150116-US-PCT	organic	US	9/16/2016	15/761090		
PF150117-BR-PCT	organic	BR	9/16/2016	BR1120180053996		
PF150117-CA-PCT	organic	CA	9/16/2016	2998670		
PF150117-CN-PCT	organic	CN	9/16/2016	201680067390.1		
PF150117-EP-EPT	organic	EP	9/16/2016	16769961.0		
PF150117-IN-PCT	organic	IN	9/16/2016	201847009315		
PF150117-JP-PCT	organic	JP	9/16/2016	2018-514259		
PF150117-KR-PCT	organic	KR	9/16/2016	10-2018-7007697		
PF150117-MX-PCT	organic	MX	9/16/2016	MX/a/18/003269		
PF150117-RU-PCT	organic	RU	9/16/2016	2018113713		
PF150117-US-PCT	organic	US	9/16/2016	15/761095		
PF150138-BR-PCT	organic	BR	9/15/2016	BR1120180054267		

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PF150138-CA-PCT	organic	CA	9/15/2016	2998690		
PF150138-CN-PCT	organic	CN	9/15/2016	201680065023.8		
PF150138-EP-EPT	organic	EP	9/15/2016	16769942.0		
PF150138-IN-PCT	organic	IN	9/15/2016	201817008753		
PF150138-JP-PCT	organic	JP	9/15/2016	2018-513441		
PF150138-KR-PCT	organic	KR	9/15/2016	10-2018-7010424		
PF150138-MX-PCT	organic	MX	9/15/2016	MX/a/18/003263		
PF150138-RU-PCT	organic	RU	9/15/2016	2018113737		
PF150138-US-PCT	organic	US	9/15/2016	15/761088		
PF150143-WO-PCT	organic	WO	5/4/2016	PCT/EP16/060081		
PF150143-WO-PCT[2]	organic	WO	1/20/2017	PCT/EP17/051178		
PF150148-EP-EPT	organic	EP	6/3/2016	16730710.7		
PF150148-US-PCT	organic	US	6/3/2016	15/572024		
PF150152-CN-PCT	organic	CN	5/11/2016	201680029382.8		
PF150152-EP-EPT	organic	EP	5/11/2016	16722186.0		
PF150152-JP-PCT	organic	JP	5/11/2016	2017-554054		
PF150152-KR-PCT	organic	KR	5/11/2016	10-2017-7033729		
PF150152-US-PCT	organic	US	5/11/2016	15/572894		
PF150153-US-PCT	organic	US	5/11/2016	15/577830		
PF150157-WO-PCT	organic	WO	9/21/2017	PCT/EP17/073910		
PF150161-EP-EPT	organic	EP	9/15/2016	16770720.7		
PF150161-US-PCT	organic	US	9/15/2016	15/763108		
PF150162-CN-PCT	organic	CN	9/14/2016	201680065467.1		
PF150162-EP-EPT	organic	EP	9/14/2016	16769920.6		
PF150162-JP-PCT	organic	JP	9/14/2016	2018-513495		
PF150162-KR-PCT	organic	KR	9/14/2016	10-2018-7010267		
PF150162-US-PCT	organic	US	9/14/2016	15/759215		
PF150186-CN-PCT	organic	CN	7/6/2016	201680041912.0		
PF150186-EP-EPT	organic	EP	7/6/2016	16736115.3		
PF150186-JP-PCT	organic	JP	7/6/2016	2018-500550		
PF150186-KR-PCT	organic	KR	7/6/2016	10-2018-7001509		
PF150186-US-PCT	organic	US	7/6/2016	15/745463		
PF150194-BR-PCT	organic	BR	7/7/2016	BR1120180009105		
PF150194-CA-PCT	organic	CA	7/7/2016	2992654		
PF150194-CN-PCT	organic	CN	7/7/2016	201680049614.6		
PF150194-EP-EPT	organic	EP	7/7/2016	16736451.2		
PF150194-IN-PCT	organic	IN	7/7/2016	201847001118		
PF150194-JP-PCT	organic	JP	7/7/2016	2018-501856		
PF150194-KR-PCT	organic	KR	7/7/2016	10-2018-7001338		

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PF150194-MX-PCT	organic	MX	7/7/2016	MX/a/18/000575		
PF150194-RU-PCT	organic	RU	7/7/2016	2018105678		
PF150194-US-PCT	organic	US	7/7/2016	15/744813		
PF150205-CN-NP	organic	CN	8/12/2016	201610663990.6		
PF150205-EP-EPA[2]	organic	EP	8/11/2016	16183837.0		
PF150205-HK-FPR[2]	organic	HK	8/3/2017	17107704.3		
PF150205-JP-NP	organic	JP	8/15/2016	2016-159273		
PF150205-KR-NP	organic	KR	8/12/2016	2016-0103254		
PF150205-TW-NP	organic	TW	8/12/2016	105125867		
PF150205-US-NP	organic	US	8/8/2016	15/230913	6/26/2018	10009613
PF150211-BR-PCT	organic	BR	9/2/2016	BR1120180034290		
PF150211-CA-PCT	organic	CA	9/2/2016	2996349		
PF150211-CN-PCT	organic	CN	9/2/2016	201680057428.7		
PF150211-EP-EPT	organic	EP	9/2/2016	16759798.8		
PF150211-IN-PCT	organic	IN	9/2/2016	201817006016		
PF150211-JP-PCT	organic	JP	9/2/2016	2018-511283		
PF150211-KR-PCT	organic	KR	9/2/2016	10-2018-7005809		
PF150211-MX-PCT	organic	MX	9/2/2016	MX/a/18/002646		
PF150211-RU-PCT	organic	RU	9/2/2016	2018111430		
PF150211-TW-NP	organic	TW	9/2/2016	105128329		
PF150211-US-PCT	organic	US	9/2/2016	15/755460		
PF150216-CN-PCT	organic	CN	8/25/2016	201680049448.X		
PF150216-EP-EPT	organic	EP	8/25/2016	16757022.5		
PF150216-KR-PCT	organic	KR	8/25/2016	10-2018-7005493		
PF150216-US-PCT	organic	US	8/25/2016	15/755052		
PF150218-CN-PCT	organic	CN	8/16/2016	201680062265.1		
PF150218-EP-EPT	organic	EP	8/16/2016	16753355.3		
PF150218-JP-PCT	organic	JP	8/16/2016	2018-509537		
PF150218-KR-PCT	organic	KR	8/16/2016	10-2018-7005427		
PF150218-US-PCT	organic	US	8/16/2016	15/754587		
PF150219-CN-PCT	organic	CN	8/25/2016	201680050153.4		
PF150219-EP-EPT	organic	EP	8/25/2016	16757023.3		
PF150219-JP-PCT	organic	JP	8/25/2016	2018-510794		
PF150219-KR-PCT	organic	KR	8/25/2016	10-2018-7005157		
PF150219-US-PCT	organic	US	8/25/2016	15/755505		
PF150221-US-NP	organic	US	1/13/2016	14/994981		
PF150223-CN-NP	organic	CN	8/26/2016	201610740136.5		
PF150223-EP-EPD[2]	organic	EP	11/29/2017	17204431.5		
PF150223-JP-NP	organic	JP	8/30/2016	2016-167464		
PF150223-KR-NP	organic	KR	8/31/2016	10-2016-0111738		

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PF150223-US-NP	organic	US	9/2/2016	15/255662	7/24/2018	10032261
PF150233-CA-NP	organic	CA	8/29/2016	2940535		
PF150233-CN-NP	organic	CN	9/14/2016	201610825429.3		
PF150233-EP-EPA[2]	organic	EP	8/24/2016	16185552.3		
PF150233-HK-FPR	organic	HK	9/12/2017	17109209.9		
PF150233-JP-NP	organic	JP	9/15/2016	2016-180175		
PF150233-KR-NP	organic	KR	9/13/2016	10-2016-0118178		
PF150233-MX-NP	organic	MX	9/14/2016	MX/a/16/011964		
PF150233-RU-NP	organic	RU	9/9/2016	2016136352		
PF150233-TW-NP	organic	TW	9/14/2016	105129900		
PF150233-US-NP	organic	US	9/16/2016	15/268480	7/10/2018	10021340
PF150235-BR-PCT	organic	BR	9/16/2016	BR1120180054135		
PF150235-CA-PCT	organic	CA	9/16/2016	2998676		
PF150235-CN-PCT	organic	CN	9/16/2016	201680064895.2		
PF150235-EP-EPT	organic	EP	9/16/2016	16769968.5		
PF150235-IN-PCT	organic	IN	9/16/2016	201847009311		
PF150235-JP-PCT	organic	JP	9/16/2016	2018-514263		
PF150235-KR-PCT	organic	KR	9/16/2016	10-2018-7007687		
PF150235-MX-PCT	organic	MX	9/16/2016	MX/a/18/003268		
PF150235-RU-PCT	organic	RU	9/16/2016	2018113710		
PF150235-US-PCT	organic	US	9/16/2016	15/759222		
PF150236-BR-PCT	organic	BR	9/16/2016	BR1120180053520		
PF150236-CA-PCT	organic	CA	9/16/2016	2998672		
PF150236-CN-PCT	organic	CN	9/16/2016	201680065444.0		
PF150236-EP-EPT	organic	EP	9/16/2016	16777921.4		
PF150236-IN-PCT	organic	IN	9/16/2016	201847009500		
PF150236-JP-PCT	organic	JP	9/16/2016	2018-514461		
PF150236-KR-PCT	organic	KR	9/16/2016	10-2018-7007688		
PF150236-MX-PCT	organic	MX	9/16/2016	MX/a/18/003264		
PF150236-RU-PCT	organic	RU	9/16/2016	2018113727		
PF150236-TW-NP	organic	TW	9/19/2016	105130177		
PF150236-US-PCT	organic	US	9/16/2016	15/759667		
PF150238-CN-PCT	organic	CN	9/16/2016	201680067343.7		
PF150238-EP-EPT	organic	EP	9/16/2016	16769967.7		
PF150238-JP-PCT	organic	JP	9/16/2016	2018-514443		
PF150238-KR-PCT	organic	KR	9/16/2016	10-2018-7010679		
PF150238-TW-NP	organic	TW	9/19/2016	105130178		
PF150238-US-PCT	organic	US	9/16/2016	15/760397		
PF150247-WO-PCT	organic	WO	9/21/2017	PCT/EP17/073913		

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PF150251-CN-NP	organic	CN	3/14/2017	201710150488.X		
PF150251-EP-EPA[2]	organic	EP	3/8/2017	17159891.5		
PF150251-JP-NP	organic	JP	3/7/2017	2017-042405		
PF150251-KR-NP	organic	KR	3/10/2017	10-2017-0030611		
PF150251-US-NP	organic	US	3/13/2017	15/457989		
PF150253-EP-EPT	organic	EP	5/17/2016	16723108.3		
PF150253-US-PCT	organic	US	5/17/2016	15/571818		
PF150262-CN-PCT	organic	CN	9/19/2016	201680054233.7		
PF150262-EP-EPT	organic	EP	9/19/2016	16769971.9		
PF150262-JP-PCT	organic	JP	9/19/2016	2018-512363		
PF150262-KR-PCT	organic	KR	9/19/2016	10-2018-7007713		
PF150262-US-PCT	organic	US	9/19/2016	15/761100		
PF150264-US-PCT	organic	US	9/19/2016	15/763075		
PF150267-BR-PCT	organic	BR	12/16/2016	BR1120180127922		
PF150267-CA-PCT	organic	CA	12/16/2016	3008719		
PF150267-CN-PCT	organic	CN	12/16/2016	PCT/EP16/081611		
PF150267-EP-EPT	organic	EP	12/16/2016	16810414.9		
PF150267-IN-PCT	organic	IN	12/16/2016	201847021024		
PF150267-JP-PCT	organic	JP	12/16/2016	2018-531605		
PF150267-KR-PCT	organic	KR	12/16/2016	10-2018-7017380		
PF150267-MX-PCT	organic	MX	12/16/2016	MX/a/18/007572		
PF150267-MY-PCT	organic	MY	12/16/2016	PI2018702089		
PF150267-TW-NP	organic	TW	12/9/2016	105140732		
PF150267-US-PCT	organic	US	12/16/2016	16/064484		
PF150267-WO-PCT	organic	WO	12/16/2016	PCT/EP16/081611		
PF150270-WO-PCT	organic	WO	9/18/2017	PCT/EP17/073494		
PF150271-CN-PCT	organic	CN	12/20/2016	201680072145.X		
PF150271-EP-EPT	organic	EP	12/20/2016	16815569.5		
PF150271-JP-PCT	organic	JP	12/20/2016	2018-528328		
PF150271-KR-PCT	organic	KR	12/20/2016	10-2018-7017238		
PF150271-US-PCT	organic	US	12/20/2016	16/063424		
PF150271-WO-PCT	organic	WO	12/20/2016	PCT/EP16/081962		
PF150277-CN-NP	organic	CN	10/9/2016	201610880832.6		
PF150277-EP-EPA[2]	organic	EP	10/3/2016	16192074.9		
PF150277-JP-NP	organic	JP	10/7/2016	2016-198594		
PF150277-KR-NP	organic	KR	10/6/2016	10-2016-0129240		
PF150277-US-NP	organic	US	10/8/2016	15/289167		
PF150281-EP-EPT	organic	EP	9/29/2016	16782197.4		
PF150281-US-PCT	organic	US	9/29/2016	15/765636		

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PF150283-EP-EPA	organic	EP	12/22/2015	15307100.6		
PF150283-US-NP	organic	US	12/22/2016	15/389373		
PF150289-EP-EPA	organic	EP	12/19/2016	16204910.0		
PF150289-US-NP	organic	US	12/22/2016	15/389411		
PF150293-TW-NP	organic	TW	3/17/2017	106108808		
PF150293-WO-PCT	organic	WO	3/14/2017	PCT/EP17/055952		
PF150306-TW-NP	organic	TW	3/30/2017	106110648		
PF150306-WO-PCT	organic	WO	3/27/2017	PCT/EP17/057222		
PF150307-CN-PCT	organic	CN	10/20/2016	201680063069.6		
PF150307-EP-EPT	organic	EP	10/20/2016	16784488.5		
PF150307-JP-PCT	organic	JP	10/20/2016	2018-521631		
PF150307-KR-PCT	organic	KR	10/20/2016	10-2018-7011783		
PF150307-US-PCT	organic	US	10/20/2016	15/964707		
PF150319-CN-PCT	organic	CN	11/2/2016	201680065320.2		
PF150319-EP-EPT	organic	EP	11/2/2016	16790607.2		
PF150319-JP-PCT	organic	JP	11/2/2016	PCT/EP16/076438		
PF150319-KR-PCT	organic	KR	11/2/2016	10-2018-7012768		
PF150319-US-PCT	organic	US	11/2/2016	15/774992		
PF150320-BR-PCT	organic	BR	11/4/2016	BR1120180094226		
PF150320-CA-PCT	organic	CA	11/4/2016	3004793		
PF150320-CN-PCT	organic	CN	11/4/2016	201680071624.X		
PF150320-DO-PCT	organic	DO	11/4/2016	PCT/EP16/076707		
PF150320-EP-EPT	organic	EP	11/4/2016	16793831.5		
PF150320-IN-PCT	organic	IN	11/4/2016	201817017507		
PF150320-JP-PCT	organic	JP	11/4/2016	2018-522916		
PF150320-KR-PCT	organic	KR	11/4/2016	10-2018-7015665		
PF150320-MX-PCT	organic	MX	11/4/2016	MX/a/18/005762		
PF150320-TW-NP	organic	TW	11/9/2016	105136338		
PF150320-US-PCT	organic	US	11/4/2016	15/774785		
PF150320-VN-PCT	organic	VN	11/4/2016	1-2018-02311		
PF150320-ZA-PCT	organic	ZA	11/4/2016	2018/02815		
PF150324-CN-NP	organic	CN	11/16/2016	201611010060.7		
PF150324-EP-EPA[2]	organic	EP	11/2/2016	16196930.8		
PF150324-JP-NP	organic	JP	11/14/2016	2016-221241		
PF150324-KR-NP	organic	KR	11/15/2016	2016-0151952		
PF150324-US-NP	organic	US	11/16/2016	15/353045		
PF150329-WO-PCT	organic	WO	6/27/2017	PCT/EP17/065803		
PF150330-WO-PCT	organic	WO	6/27/2017	PCT/EP17/065809		
PF160010-EP-EPA	organic	EP	1/30/2017	17153730.1		

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PF160010-US-NP	organic	US	2/4/2017	15/424840		
PF160011-WO-PCT	organic	WO	3/14/2017	PCT/EP17/056 019		
PF160014-WO-PCT	organic	WO	8/31/2017	PCT/EP17/071 837		
PF160016-BR-NP	organic	BR	3/16/2017	BR1020170053 717		
PF160016-CN-NP	organic	CN	3/16/2017	201710157608. 9		
PF160016-EP-EPA[2]	organic	EP	3/7/2017	17159491.4		
PF160016-JP-NP	organic	JP	3/10/2017	2017-045628		
PF160016-KR-NP	organic	KR	3/15/2017	10-2017- 0032709		
PF160016-US-NP	organic	US	3/16/2017	15/460254		
PF160017-MY-PCT	organic	MY	2/3/2017	PI2018702384		
PF160017-TW-NP	organic	TW	2/10/2017	106104321		
PF160017-WO-PCT	organic	WO	2/3/2017	PCT/EP17/052 322		
PF160018-MY-PCT	organic	MY	2/3/2017	PI2018702371		
PF160018-TW-NP	organic	TW	2/10/2017	106104322		
PF160018-US-PCT	organic	US	2/3/2017	PCT/EP17/052 316		
PF160018-WO-PCT	organic	WO	2/3/2017	PCT/EP17/052 316		
PF160026-BR-NP	organic	BR	10/20/2017	BR1020170226 727		
PF160026-CA-NP	organic	CA	10/19/2017	2982979		
PF160026-CN-NP	organic	CN	10/20/2017	201710983370. 5		
PF160026-EP-EPA[2]	organic	EP	10/17/2017	17196780.5		
PF160026-IN-NP	organic	IN	10/4/2017	201744035208		
PF160026-JP-NP	organic	JP	10/18/2017	2017-201692		
PF160026-KR-NP	organic	KR	10/17/2017	10-2017- 0134604		
PF160026-MX-NP	organic	MX	10/19/2017	MX/a/17/01345 9		
PF160026-MY-NP	organic	MY	9/29/2017	PI2017703673		
PF160026-RU-NP	organic	RU	10/3/2017	2017134310		
PF160026-US-NP	organic	US	10/20/2017	15/789053	7/24/2018	10033962
PF160031-WO-PCT	organic	WO	3/13/2017	PCT/EP17/055 829		
PF160033-WO-PCT	organic	WO	7/21/2017	PCT/EP17/068 525		
PF160036-EP-EPA[2]	organic	EP	7/4/2017	17179559.4		
PF160036-US-NP	organic	US	7/28/2017	15/662315		
PF160040-WO-PCT	organic	WO	2/6/2018	PCT/EP18/052 851		
PF160043-WO-PCT	organic	WO	6/27/2017	PCT/EP17/065 859		
PF160044-WO-PCT	organic	WO	4/26/2017	PCT/EP17/059 967		
PF160045-WO-PCT	organic	WO	9/11/2017	PCT/EP17/072 773		
PF160047-WO-PCT	organic	WO	5/5/2017	PCT/EP17/060 759		

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PF160048-BR-NP	organic	BR	5/23/2017	BR1020170107914		
PF160048-CA-NP	organic	CA	5/15/2017	2967418		
PF160048-CN-NP	organic	CN	5/23/2017	201710367388.2		
PF160048-EP-EPA[2]	organic	EP	5/18/2017	17171783.8		
PF160048-IN-NP	organic	IN	5/4/2017	201714015763		
PF160048-JP-NP	organic	JP	5/19/2017	2017-099485		
PF160048-KR-NP	organic	KR	5/22/2017	10-2017-0062900		
PF160048-MX-NP	organic	MX	5/22/2017	MX/a/17/006677		
PF160048-RU-NP	organic	RU	5/5/2017	2017115882		
PF160048-US-NP	organic	US	5/9/2017	15/590134		
PF160050-WO-PCT	organic	WO	4/26/2017	PCT/EP17/059850		
PF160051-WO-PCT	organic	WO	4/25/2017	PCT/EP17/059791		
PF160052-CN-NP	organic	CN	5/3/2017	201710306348.7		
PF160052-EP-EPA[2]	organic	EP	4/25/2017	17167965.7		
PF160052-JP-NP	organic	JP	4/26/2017	2017-086888		
PF160052-KR-NP	organic	KR	4/26/2017	10-2017-0053875		
PF160052-US-NP	organic	US	4/29/2017	15/582678		
PF160057-BR-NP	organic	BR	5/24/2017	BR1020170109046		
PF160057-CA-NP	organic	CA	5/23/2017	2967969		
PF160057-CN-NP	organic	CN	5/23/2017	201710371361.0		
PF160057-EP-EPA[2]	organic	EP	5/18/2017	17171671.5		
PF160057-IN-NP	organic	IN	5/10/2017	201714016414		
PF160057-JP-NP	organic	JP	5/22/2017	2017-100506		
PF160057-KR-NP	organic	KR	5/18/2017	10-2017-0061694		
PF160057-MX-NP	organic	MX	5/23/2017	MX/a/17/006720		
PF160057-MY-NP	organic	MY	5/9/2017	PI2017701655		
PF160057-RU-NP	organic	RU	5/23/2017	2017117733		
PF160057-US-NP	organic	US	5/14/2017	15/594621		
PF160058-EP-EPA[2]	organic	EP	6/2/2017	17174139.0		
PF160058-US-NP	organic	US	6/10/2017	15/619460		
PF160060-WO-PCT	organic	WO	4/24/2017	PCT/EP17/059658		
PF160061-WO-PCT	organic	WO	4/24/2017	PCT/EP17/059672		
PF160062-WO-PCT	organic	WO	5/5/2017	PCT/EP17/060766		
PF160073-EP-EPA[2]	organic	EP	5/10/2017	17170359.8		
PF160073-US-NP	organic	US	5/12/2017	15/594283		
PF160079-CN-NP	organic	CN	5/25/2017	201710377832.9		
PF160079-EP-EPA[2]	organic	EP	5/18/2017	17171810.9		
PF160079-JP-NP	organic	JP	5/18/2017	2017-098777		

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PF160079-KR-NP	organic	KR	5/23/2017	10-2017-0063596		
PF160079-US-NP	organic	US	5/17/2017	15/598270		
PF160085-WO-PCT	organic	WO	7/12/2017	PCT/EP17/067602		
PF160086-WO-PCT	organic	WO	7/12/2017	PCT/EP17/067616		
PF160089-WO-PCT	organic	WO	11/21/2017	PCT/EP17/079867		
PF160091-WO-PCT	organic	WO	9/21/2017	PCT/EP17/073906		
PF160093-WO-PCT	organic	WO	9/14/2017	PCT/EP17/073101		
PF160094-WO-PCT	organic	WO	9/28/2017	PCT/EP17/074658		
PF160095-WO-PCT	organic	WO	7/4/2017	PCT/EP17/066573		
PF160098-WO-PCT	organic	WO	9/26/2017	PCT/EP17/074366		
PF160100-WO-PCT	organic	WO	8/31/2017	PCT/EP17/071831		
PF160121-WO-PCT	organic	WO	9/21/2017	PCT/EP17/073919		
PF160122-WO-PCT	organic	WO	9/26/2017	PCT/EP17/074400		
PF160123-WO-PCT	organic	WO	9/28/2017	PCT/EP17/074672		
PF160124-WO-PCT	organic	WO	9/28/2017	PCT/EP17/074621		
PF160125-WO-PCT	organic	WO	9/28/2017	PCT/EP17/074624		
PF160126-WO-PCT	organic	WO	9/28/2017	PCT/EP17/074656		
PF160127-WO-PCT	organic	WO	8/28/2017	PCT/EP17/071555		
PF160128-WO-PCT	organic	WO	8/28/2017	PCT/EP17/071559		
PF160130-WO-PCT	organic	WO	9/28/2017	PCT/EP17/074663		
PF160141-WO-PCT	organic	WO	11/24/2017	PCT/EP17/080412		
PF160146-WO-PCT	organic	WO	9/7/2017	PCT/EP17/072431		
PF160151-WO-PCT	organic	WO	9/14/2017	PCT/EP17/073077		
PF160155-CN-NP	organic	CN	12/28/2017	201711460857.1		
PF160155-EP-EPA[2]	organic	EP	12/18/2017	17208147.3		
PF160155-JP-NP	organic	JP	2/26/2018	2017-250468		
PF160155-KR-NP	organic	KR	12/26/2017	10-2017-0179649		
PF160155-US-NP	organic	US	12/27/2017	15/856002		
PF160156-BR-NP	organic	BR	5/4/2018	BR1020180091433		
PF160156-CA-NP	organic	CA	5/2/2018	3003608		

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PF160156-CN-NP	organic	CN	5/3/2018	201810418588.0		
PF160156-EP-EPA[2]	organic	EP	4/26/2018	18169543.8		
PF160156-IN-NP	organic	IN	4/19/2018	201814014888		
PF160156-JP-NP	organic	JP	4/19/2018	2018-080325		
PF160156-KR-NP	organic	KR	4/30/2018	10-2018-49976		
PF160156-MX-NP	organic	MX	5/2/2018	MX/a/2018/005496		
PF160156-MY-NP	organic	MY	4/12/2018	PI2018701445		
PF160156-RU-NP	organic	RU	4/27/2018	2018115810		
PF160156-US-NP	organic	US	5/2/2018	15/969009		
PF160161-WO-PCT	organic	WO	9/25/2017	PCT/EP17/074224		
PF160162-WO-PCT	organic	WO	10/5/2017	PCT/EP17/075326		
PF160163-WO-PCT	organic	WO	10/3/2017	PCT/EP17/075049		
PF160171-WO-PCT	organic	WO	3/5/2018	PCT/EP18/055335		
PF160173-WO-PCT	organic	WO	9/28/2017	PCT/EP17/074694		
PF160175-WO-PCT	organic	WO	8/31/2017	PCT/EP17/071847		
PF160176-WO-PCT	organic	WO	10/6/2017	PCT/EP17/075449		
PF160177-WO-PCT	organic	WO	8/31/2017	PCT/EP17/071844		
PF160180-CN-NP	organic	CN	12/12/2017	201711315706.7		
PF160180-EP-EPA[2]	organic	EP	12/1/2017	17204846.4		
PF160180-JP-NP	organic	JP	12/7/2017	2017-234981		
PF160180-KR-NP	organic	KR	12/7/2017	10-2017-0167674		
PF160180-US-NP	organic	US	12/12/2017	15/838511		
PF160181-WO-PCT	organic	WO	11/23/2017	PCT/EP17/080276		
PF160182-WO-PCT	organic	WO	12/11/2017	PCT/EP17/082166		
PF160184-WO-PCT	organic	WO	6/18/2018	PCT/EP18/066046		
PF160187-WO-PCT	organic	WO	10/9/2017	PCT/EP17/075620		
PF160202-CN-NP	organic	CN	6/20/2018	201810640815.4		
PF160202-EP-EPA[2]	organic	EP	6/7/2018	18176578.5		
PF160202-JP-NP	organic	JP	6/15/2018	2018-114485		
PF160202-KR-NP	organic	KR	6/20/2018	10-2018-0070797		
PF160202-US-NP	organic	US	6/23/2018	16/016583		
PF160206-EP-EPA	organic	EP	11/9/2017	17306551.7		
PF160209-WO-PCT	organic	WO	1/8/2018	PCT/EP18/050348		
PF160211-WO-PCT	organic	WO	1/5/2018	PCT/EP18/050292		

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PF160212-WO-PCT	organic	WO	1/5/2018	PCT/EP18/050 293		
PF160213-WO-PCT	organic	WO	12/26/2017	PCT/EP17/084 587		
PF160219-WO-PCT	organic	WO	12/27/2017	PCT/EP17/084 599		
PF160220-WO-PCT	organic	WO	1/5/2018	PCT/EP18/050 294		
PF160221-WO-PCT	organic	WO	12/26/2017	PCT/EP17/084 585		
PF160222-WO-PCT	organic	WO	12/26/2017	PCT/EP17/084 586		
PF160223-WO-PCT	organic	WO	1/8/2018	PCT/EP18/050 316		
PF160224-WO-PCT	organic	WO	1/5/2018	PCT/EP18/050 295		
PF160225-WO-PCT	organic	WO	1/8/2018	PCT/EP18/050 314		
PF160232-EP-EPA	organic	EP	1/11/2017	17305030.3		
PF160233-EP-EPA	organic	EP	1/11/2017	17305032.9		
PF170007-EP-EPA	organic	EP	12/18/2017	17306805.7		
PF170014-WO-PCT	organic	WO	4/12/2018	pct/ep18/05942 0		
PF170016-WO-PCT	organic	WO	5/3/2018	PCT/EP18/061 362		
PF170017-WO-PCT	organic	WO	4/26/2018	PCT/EP18/060 815		
PF170019-WO-PCT	organic	WO	2/21/2018	PCT/EP18/054 202		
PF170023-WO-PCT	organic	WO	2/19/2018	PCT/EP18/053 984		
PF170024-WO-PCT	organic	WO	2/19/2018	PCT/EP18/053 987		
PF170027-WO-PCT	organic	WO	3/15/2018	PCT/EP18/056 479		
PF170031-EP-EPA	organic	EP	11/7/2017	17306538.4		
PF170033-WO-PCT	organic	WO	3/30/2018	PCT/EP18/058 353		
PF170034-WO-PCT	organic	WO	5/17/2018	PCT/EP18/062 876		
PF170035-WO-PCT	organic	WO	3/13/2018	PCT/EP18/056 254		
PF170037-EP-EPA	organic	EP	10/12/2017	17306382.7		
PF170038-WO-PCT	organic	WO	3/23/2018	PCT/EP18/057 490		
PF170039-WO-PCT	organic	WO	3/23/2018	PCT/EP18/057 509		
PF170045-WO-PCT	organic	WO	4/17/2018	PCT/EP18/059 758		
PF170047-EP-EPA	organic	EP	10/20/2017	17306428.8		
PF170048-EP-EPA	organic	EP	10/20/2017	17306427.0		
PF170049-WO-PCT	organic	WO	4/26/2018	PCT/EP18/060 702		
PF170055-WO-PCT	organic	WO	6/26/2018	PCT/EP18/067 155		

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PF170056-EP-EPA	organic	EP	6/30/2017	17305833.0		
PF170056-US-NP	organic	US	6/29/2018	16/024529		
PF170063-EP-EPA	organic	EP	11/30/2017	17306670.5		
PF170064-EP-EPA	organic	EP	11/30/2017	17306671.3		
PF170066-EP-EPA	organic	EP	11/30/2017	17306669.7		
PF170067-WO-PCT	organic	WO	7/4/2018	PCT/EP18/068 038		
PF170070-EP-EPA	organic	EP	9/18/2017	17306198.7		
PF170071-EP-EPA	organic	EP	9/18/2017	17306200.1		
PF170072-WO-PCT	organic	WO	5/30/2018	PCT/EP18/064 180		
PF170074-EP-EPA	organic	EP	11/23/2017	17306629.1		
PF170076-WO-PCT	organic	WO	6/25/2018	PCT/EP18/066 897		
PF170080-WO-PCT	organic	WO	5/29/2018	PCT/EP18/064 031		
PF170081-WO-PCT	organic	WO	5/29/2018	PCT/EP18/064 035		
PF170087-EP-EPA[2]	organic	EP	5/22/2018	18173667.9		
PF170087-US-NP	organic	US	5/29/2018	15/992129		
PF170089-WO-PCT	organic	WO	5/17/2018	PCT/EP18/062 882		
PF170090-WO-PCT	organic	WO	5/30/2018	PCT/EP18/064 186		
PF170091-WO-PCT	organic	WO	5/29/2018	PCT/EP18/064 050		
PF170093-WO-PCT	organic	WO	6/25/2018	PCT/EP18/066 906		
PF170098-WO-PCT	organic	WO	6/25/2018	PCT/EP18/066 923		
PF170099-WO-PCT	organic	WO	6/25/2018	PCT/EP18/066 869		
PF170100-WO-PCT	organic	WO	6/25/2018	PCT/EP18/066 872		
PF170101-WO-PCT	organic	WO	6/25/2018	PCT/EP18/066 880		
PF170102-EP-EPA	organic	EP	6/26/2017	17305797.7		
PF170102-WO-PCT	organic	WO	6/25/2018	PCT/EP18/066 975		
PF170103-EP-EPA	organic	EP	8/29/2017	17306105.2		
PF170106-WO-PCT	organic	WO	7/10/2018	PCT/EP18/068 621		
PF170107-WO-PCT	organic	WO	6/26/2018	PCT/EP18/067 136		
PF170110-WO-PCT	organic	WO	7/2/2018	PCT/EP18/067 847		
PF170120-WO-PCT	organic	WO	7/10/2018	PCT/EP18/068 670		
PF170121-WO-PCT	organic	WO	7/9/2018	PCT/EP18/068 494		
PF170122-WO-PCT	organic	WO	6/25/2018	PCT/EP18/066 932		
PF170125-EP-EPA	organic	EP	10/6/2017	17306346.2		
PF170128-EP-EPA	organic	EP	10/6/2017	17306347.0		
PF170131-EP-EPA	organic	EP	9/27/2017	17306281.1		

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PF170138-EP-IPAF	organic	EP	8/8/2017	17306057.5		
PF170142-EP-EPA	organic	EP	8/31/2017	17306121.9		
PF170144-EP-EPA	organic	EP	8/28/2017	17306101.1		
PF170145-EP-EPA	organic	EP	8/28/2017	17306102.9		
PF170146-EP-EPA	organic	EP	9/8/2017	17306162.3		
PF170151-EP-EPA	organic	EP	9/1/2017	17306130.0		
PF170152-EP-EPA	organic	EP	9/1/2017	17306131.8		
PF170155-EP-EPA	organic	EP	9/15/2017	17306188.8		
PF170156-EP-EPA	organic	EP	9/28/2017	17306287.8		
PF170157-EP-EPA	organic	EP	9/29/2017	17306302.5		
PF170159-EP-EPA	organic	EP	10/6/2017	17306345.4		
PF170160-EP-EPA	organic	EP	10/10/2017	17306359.5		
PF170163-EP-EPA	organic	EP	10/6/2017	17306343.9		
PF170164-EP-EPA	organic	EP	10/6/2017	17306344.7		
PF170165-EP-EPA	organic	EP	11/23/2017	17306628.3		
PF170176-EP-EPA	organic	EP	10/19/2017	17306424.7		
PF170177-EP-EPA	organic	EP	10/19/2017	17306423.9		
PF170178-EP-EPA	organic	EP	10/6/2017	17306352.0		
PF170180-EP-EPA	organic	EP	10/6/2017	17306350.4		
PF170181-EP-EPA	organic	EP	10/6/2017	17306342.1		
PF170182-EP-EPA	organic	EP	10/6/2017	17306351.2		
PF170183-EP-EPA	organic	EP	12/4/2017	17306698.6		
PF170184-EP-EPA	organic	EP	10/19/2017	17306420.5		
PF170185-EP-EPA	organic	EP	10/5/2017	17306335.5		
PF170186-EP-EPA	organic	EP	10/5/2017	17306336.3		
PF170187-EP-EPA	organic	EP	10/5/2017	17306333.0		
PF170187-EP-IPAF	organic	EP	11/21/2017	17306613.5		
PF170188-EP-EPA	organic	EP	10/5/2017	17306334.8		
PF170189-EP-EPA	organic	EP	10/5/2017	17306332.2		
PF170198-EP-EPA	organic	EP	2/12/2018	18305145.7		
PF170200-EP-EPA	organic	EP	5/18/2018	18305620.9		
PF170200-EP-IPA	organic	EP	5/2/2018	18305544.1		
PF170202-EP-EPA	organic	EP	4/24/2018	18305510.2		
PF170207-EP-EPA	organic	EP	12/14/2017	17306769.5		
PF170207-EP-IPA	organic	EP	3/27/2018	18305341.2		
PF170208-EP-IPA	organic	EP	10/19/2017	17306421.3		
PF170209-EP-EPA	organic	EP	10/20/2017	17306443.7		
PF170212-EP-EPA	organic	EP	10/31/2017	17306493.2		
PF170213-BR-NP	organic	BR	12/15/2017	BR1020170271951		
PF170213-CA-NP	organic	CA	12/15/2017	2989134		
PF170213-CN-NP	organic	CN	12/15/2017	201711360544.9		
PF170213-EP-EPA	organic	EP	12/15/2017	17306780.2		
PF170213-IN-NP	organic	IN	12/15/2017	201744045188		
PF170213-JP-NP	organic	JP	12/14/2017	2017-239281		
PF170213-KR-NP	organic	KR	12/15/2017	10-2017-0172832		
PF170213-MX-NP	organic	MX	12/15/2017	MX/a/17/016554		
PF170213-RU-NP	organic	RU	12/15/2017	2017144024		
PF170213-US-NP	organic	US	1/11/2018	15/868111		
PF170214-EP-EPA	organic	EP	11/9/2017	17306550.9		
PF170215-EP-EPA	organic	EP	4/16/2018	18305467.5		

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PF170219-EP-EPA	organic	EP	11/13/2017	17306570.7		
PF170220-EP-EPA	organic	EP	11/21/2017	17306608.5		
PF170221-EP-EPA	organic	EP	4/12/2018	18305445.1		
PF170229-EP-IPA	organic	EP	11/8/2017	17306549.1		
PF170230-EP-EPA	organic	EP	11/9/2017	17306556.6		
PF170232-BR-NP	organic	BR	11/22/2017	BR1020170250 440		
PF170232-CA-NP	organic	CA	11/22/2017	2986520		
PF170232-JP-NP	organic	JP	11/22/2017	2017-224232		
PF170232-KR-NP	organic	KR	11/22/2017	10-2017- 0156508		
PF170232-MX-NP	organic	MX	11/22/2017	MX/a/17/01494 3		
PF170232-RU-NP	organic	RU	11/22/2017	2017140630		
PF170232-US-NP	organic	US	11/22/2017	15/821245		
PF170233-EP-EPA	organic	EP	12/21/2017	17306862.8		
PF170238-EP-IPA	organic	EP	11/24/2017	17306639.0		
PF170243-EP-EPA	organic	EP	12/14/2017	17306774.5		
PF170243-EP-IPAF	organic	EP	1/26/2018	18305069.9		
PF170244-EP-EPA	organic	EP	12/14/2017	17306773.7		
PF170244-EP-IPAF	organic	EP	1/26/2018	18305070.7		
PF170248-EP-EPA	organic	EP	12/5/2017	17306703.4		
PF170253-EP-EPA	organic	EP	1/19/2018	18305043.4		
PF170261-EP-EPA	organic	EP	12/22/2017	17306894.1		
PF170262-EP-IPA	organic	EP	12/12/2017	17306759.6		
PF170262-EP-IPA[2]	organic	EP	12/15/2017	17306788.5		
PF170263-EP-IPA	organic	EP	12/15/2017	17306781.0		
PF170264-EP-EPA	organic	EP	12/22/2017	17306896.6		
PF170265-EP-EPA	organic	EP	6/5/2018	18305684.5		
PF170268-EP-IPA	organic	EP	12/20/2017	17306838.8		
PF180002-EP-EPA	organic	EP	1/19/2018	18305044.2		
PF180008-EP-EPA	organic	EP	2/20/2018	18305176.2		
PF180012-EP-EPA	organic	EP	1/30/2018	18305085.5		
PF180012-EP-IPA	organic	EP	6/26/2018	18305808.0		
PF180013-EP-EPA	organic	EP	1/29/2018	18305080.6		
PF180013-EP-IPA	organic	EP	3/22/2018	18305315.6		
PF180014-EP-IPA	organic	EP	1/19/2018	18305050.9		
PF180014-EP-IPA[2]	organic	EP	3/15/2018	18305282.8		
PF180015-EP-IPA	organic	EP	1/19/2018	18305048.3		
PF180016-EP-EPA	organic	EP	1/26/2018	18305068.1		
PF180017-EP-EPA	organic	EP	1/26/2018	18305072.3		
PF180018-EP-IPAF	organic	EP	1/26/2018	18305071.5		
PF180019-EP-EPA	organic	EP	1/26/2018	18305073.1		
PF180022-EP-EPA	organic	EP	3/30/2018	18305371.9		
PF180037-EP-EPA	organic	EP	3/30/2018	18305372.7		
PF180039-EP-EPA	organic	EP	2/26/2018	18305196.0		
PF180040-EP-EPA	organic	EP	2/26/2018	18305198.6		
PF180047-EP-EPA	organic	EP	6/19/2018	18305762.9		
PF180047-EP-IPA	organic	EP	4/30/2018	18290042.3		
PF180054-EP-EPA	organic	EP	3/29/2018	18305356.0		
PF180058-EP-EPA	organic	EP	7/2/2018	18305848.6		
PF180058-EP-IPA	organic	EP	4/6/2018	18305412.1		
PF180059-EP-EPA	organic	EP	5/31/2018	18305673.8		
PF180059-EP-IPA	organic	EP	5/2/2018	18305542.5		

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PF180060-EP-EPA	organic	EP	6/19/2018	18305760.3		
PF180063-EP-EPA	organic	EP	4/13/2018	18305462.6		
PF180064-EP-EPA	organic	EP	4/10/2018	18305422.0		
PF180065-EP-IPA	organic	EP	4/11/2018	18305430.3		
PF180066-EP-IPA	organic	EP	4/11/2018	18305431.1		
PF180067-EP-EPA	organic	EP	4/11/2018	18305438.6		
PF180068-EP-EPA	organic	EP	4/11/2018	18305441.0		
PF180069-EP-IPA	organic	EP	4/11/2018	18305437.8		
PF180070-EP-EPA	organic	EP	4/13/2018	18305457.6		
PF180071-EP-EPA	organic	EP	4/27/2018	18305528.4		
PF180072-EP-EPA	organic	EP	6/15/2018	18305736.3		
PF180072-EP-IPA	organic	EP	4/20/2018	18290037.3		
PF180075-EP-EPA	organic	EP	6/26/2018	18305812.2		
PF180077-EP-EPA	organic	EP	4/27/2018	18305537.5		
PF180080-EP-IPA	organic	EP	4/16/2018	18305469.1		
PF180081-EP-EPA	organic	EP	4/27/2018	18305534.2		
PF180082-EP-EPA	organic	EP	5/9/2018	18305572.2		
PF180083-EP-EPA	organic	EP	6/21/2018	18305794.2		
PF180083-EP-IPA	organic	EP	4/30/2018	18290041.5		
PF180086-EP-EPA	organic	EP	7/2/2018	18305852.8		
PF180086-EP-IPA	organic	EP	5/7/2018	18305567.2		
PF180087-EP-IPA	organic	EP	5/9/2018	18305568.0		
PF180088-EP-IPA	organic	EP	5/14/2018	18305586.2		
PF180093-EP-EPA	organic	EP	7/10/2018	18305913.8		
PF180093-EP-IPA	organic	EP	5/28/2018	18305646.4		
PF180094-EP-IPA	organic	EP	5/29/2018	18305653.0		
PF180106-EP-EPA	organic	EP	7/2/2018	18305849.4		
PF180106-EP-IPA	organic	EP	6/7/2018	18305693.6		
PF180111-EP-EPA	organic	EP	7/6/2018	18305894.0		
PF180112-EP-IPA	organic	EP	6/18/2018	18305747.0		
PF180113-EP-IPA	organic	EP	6/18/2018	18305746.2		
PF180115-EP-IPA	organic	EP	6/18/2018	18305750.4		
PF180116-EP-IPA	organic	EP	6/18/2018	18305758.7		
PF180117-EP-IPA	organic	EP	6/21/2018	18305785.0		
PF180122-EP-IPA	organic	EP	6/26/2018	18305809.8		
PF180124-EP-EPA	organic	EP	7/9/2018	18305901.3		
PF180124-EP-IPA	organic	EP	6/29/2018	18305835.3		
PF180125-EP-IPA	organic	EP	6/29/2018	18305833.8		
PF180126-EP-IPA	organic	EP	6/29/2018	18305832.0		
PF180127-EP-IPA	organic	EP	7/2/2018	18305854.4		
PF980058-CN-NP	organic	CN	8/26/1999	99119220.6	8/25/2004	ZL99119220.6
PF980058-EP-EPA	organic	EP	8/23/1999	99402099.8		
PF980058-JP-NP	organic	JP	8/27/1999	11-242260	3/4/2011	4694664
PU020259-CN-PCT	organic	CN	6/10/2003	03813355.5	4/7/2007	ZL03813355.5
PU020259-DE-EPT	organic	DE	6/10/2003	03736937.8	12/21/2016	60349743.8
PU020259-FR-EPT	organic	FR	6/10/2003	03736937.8	12/21/2016	1514378
PU020259-IN-DIV[1]	organic	IN	11/28/2006	7152/DELNP/06		
PU020259-IN-PCT	organic	IN	6/10/2003	3790/DELNP/04	12/13/2010	244631
PU020259-IT-EPT	organic	IT	6/10/2003	03736937.8	12/21/2016	502017000015985
PU020259-JP-PCT	organic	JP	6/10/2003	2004-511943	4/27/2012	4980567

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PU020259-KR-PCT	organic	KR	6/10/2003	10-2004-7019907	7/15/2010	10-0971715
PU020259-MX-PCT	organic	MX	6/10/2003	PA/a/04/012517	6/10/2008	257793
PU020339-BR-PCT	organic	BR	7/11/2003	PI0305517.5	4/17/2018	PI0305517.5
PU020339-CN-PCT	organic	CN	7/11/2003	03817032.9	1/7/2009	ZL03817032.9
PU020339-DE-EPT	organic	DE	7/11/2003	03764471.3	2/20/2008	60319239.4
PU020339-ES-EPT	organic	ES	7/11/2003	03764471.3	2/20/2008	1540824
PU020339-FR-EPT	organic	FR	7/11/2003	03764471.3	2/20/2008	1540824
PU020339-GB-EPT	organic	GB	7/11/2003	03764471.3	2/20/2008	1540824
PU020339-IN-PCT	organic	IN	7/11/2003	4173/DELNP/04	11/14/2013	257885
PU020339-IT-EPT	organic	IT	7/11/2003	03764471.3	2/20/2008	502008901626727
PU020339-JP-PCT	organic	JP	7/11/2003	2005-505118	6/18/2010	4533841
PU020339-KR-PCT	organic	KR	7/11/2003	10-2005-7000779	5/10/2010	10-0958504
PU020339-MX-PCT	organic	MX	7/11/2003	PA/a/05/000672	6/10/2008	257800
PU020339-MY-NP	organic	MY	7/14/2003	PI20032623	12/31/2008	MY-137057-A
PU020339-TH-NP	organic	TH	7/11/2003	083785	12/27/2016	53092
PU020339-TW-NP	organic	TW	7/15/2003	092119266	6/11/2005	I234402
PU020339-US-NP	organic	US	4/9/2003	10/410479	5/20/2008	7376186
PU020340-AU-DIV[2]	organic	AU	10/29/2009	2009233592	10/20/2011	2009233592
PU020340-AU-DIV[3]	organic	AU	6/18/2010	2010202555	8/4/2011	2010202555
PU020340-AU-DIV[4]	organic	AU	6/18/2010	2010202556	8/4/2011	2010202556
PU020340-AU-DIV[5]	organic	AU	6/30/2010	2010202769	10/13/2011	2010202769
PU020340-AU-DIV[6]	organic	AU	9/7/2010	2010219324	10/6/2011	2010219324
PU020340-AU-PCT	organic	AU	7/14/2003	2003249056	12/17/2009	2003249056
PU020340-BG-EPT	organic	BG	7/14/2003	03764512.4	3/14/2012	1552692
PU020340-BR-DIV[1]	organic	BR	10/11/2007	PI0318775.6		
PU020340-BR-DIV[2]	organic	BR	7/13/2010	PI0318819.1		
PU020340-BR-DIV[3]	organic	BR	7/13/2010	PI0318821.3		
PU020340-BR-DIV[4]	organic	BR	7/13/2010	PI0318818.3	3/27/2018	PI0318818.3
PU020340-BR-DIV[5]	organic	BR	7/13/2010	PI0318820.5	3/27/2018	PI0318820.5
PU020340-BR-PCT	organic	BR	7/14/2003	PI0305518.3	9/19/2017	PI0305518.3
PU020340-CA-PCT	organic	CA	7/14/2003	2491865	10/2/2012	2491865
PU020340-CN-DIV	organic	CN	9/17/2009	200910174761.8	6/27/2012	ZL200910174761.8
PU020340-CN-DIV[2]	organic	CN	9/17/2009	200910174760.3	6/27/2012	ZL200910174760.3
PU020340-CN-DIV[3]	organic	CN	9/17/2009	200910174759.0	8/31/2011	ZL200910174759.0
PU020340-CN-PCT	organic	CN	7/14/2003	03817031.0	11/11/2009	ZL03817031.0
PU020340-CZ-EPT	organic	CZ	7/14/2003	03764512.4	3/14/2012	1552692
PU020340-DE-EPT	organic	DE	7/14/2003	03764512.4	3/14/2012	60340285.2
PU020340-DK-EPT	organic	DK	7/14/2003	03764512.4	3/14/2012	1552692
PU020340-EP-ETD	organic	EP	2/16/2012	12155778.9		
PU020340-ES-EPT	organic	ES	7/14/2003	03764512.4	3/14/2012	1552692

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PU020340-FI-EPT	organic	FI	7/14/2003	03764512.4	3/14/2012	1552692
PU020340-FR-EPT	organic	FR	7/14/2003	03764512.4	3/14/2012	1552692
PU020340-GB-EPT	organic	GB	7/14/2003	03764512.4	3/14/2012	1552692
PU020340-HU-EPT	organic	HU	7/14/2003	03764512.4	3/14/2012	1552692
PU020340-IN-DIV[1]	organic	IN	2/17/2009	1137/DELNP/09		
PU020340-IN-PCT	organic	IN	7/14/2003	142/DELNP/05	8/19/2010	242248
PU020340-IT-EPT	organic	IT	7/14/2003	03764512.4	3/14/2012	502012902041939
PU020340-JP-DIV[2]	organic	JP	3/12/2010	2010-055800	9/16/2011	4822467
PU020340-JP-DIV[3]	organic	JP	3/12/2010	2010-055801	8/24/2012	5067901
PU020340-JP-DIV[4]	organic	JP	10/14/2011	2011-226883	2/14/2014	5473014
PU020340-JP-DIV[6]	organic	JP	8/10/2015	2015-157895	2/10/2017	6086559
PU020340-JP-DIV[7]	organic	JP	12/20/2016	2016-246457		
PU020340-JP-PCT	organic	JP	7/14/2003	2005-505125	10/14/2011	4840853
PU020340-KR-DIV	organic	KR	5/24/2010	10-2010-7011324	9/14/2011	10-1066311
PU020340-KR-PCT	organic	KR	7/14/2003	10-2005-7000722	10/4/2010	10-0986913
PU020340-MX-PCT	organic	MX	7/14/2003	PA/a/05/000673	12/15/2008	263105
PU020340-MY-NP	organic	MY	7/14/2003	PI20032618	1/15/2010	MY-140733-A
PU020340-NL-EPT	organic	NL	7/14/2003	03764512.4	3/14/2012	1552692
PU020340-PH-DIV[1]	organic	PH	10/1/2007	1-2007-502160	7/31/2013	1-2007-502160
PU020340-PH-DIV[2]	organic	PH	7/23/2010	1-2010-501660	5/21/2014	1-2010-501660
PU020340-PH-DIV[3]	organic	PH	7/23/2010	1-2010-501658	5/21/2014	1-2010-501658
PU020340-PH-DIV[4]	organic	PH	7/23/2010	1-2010-501659	5/21/2014	1-2010-501659
PU020340-PH-DIV[5]	organic	PH	7/23/2010	1-2010-501657	5/21/2014	1-2010-501657
PU020340-PH-PCT	organic	PH	7/14/2003	1-2005-500053	6/29/2011	1-2005-500053
PU020340-PT-EPT	organic	PT	7/14/2003	03764512.4	3/14/2012	1552692
PU020340-RO-EPT	organic	RO	7/14/2003	03764512.4	3/14/2012	1552692
PU020340-RU-PCT	organic	RU	7/14/2003	2005103830	9/10/2008	2333615
PU020340-SE-EPT	organic	SE	7/14/2003	03764512.4	3/14/2012	1552692
PU020340-TH-DIV	organic	TH	12/2/2013	1301006872		
PU020340-TH-DIV[2]	organic	TH	12/2/2013	1301006873		
PU020340-TH-NP	organic	TH	7/10/2003	083746	9/17/2014	41508
PU020340-TR-EPT	organic	TR	7/14/2003	03764512.4	3/14/2012	TR201204448
PU020340-TW-NP	organic	TW	7/15/2003	092119273	4/1/2005	1230555
PU020340-US-CNT	organic	US	10/1/2010	12/924718	3/27/2012	8144786
PU020340-US-CNT[2]	organic	US	10/1/2010	12/924712	4/10/2012	8155208
PU020340-US-CNT[3]	organic	US	10/1/2010	12/924717	3/27/2012	8144785
PU020340-US-CNT[4]	organic	US	10/1/2010	12/924716	4/3/2012	8149924
PU020340-US-CNT[5]	organic	US	10/1/2010	12/924720	3/27/2012	8144787
PU020340-US-NP	organic	US	4/9/2003	10/410481	3/8/2011	7903742

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PU020340-VN-DIV	organic	VN	12/7/2010	1-2010-03283	3/10/2014	12508
PU020340-VN-DIV[2]	organic	VN	12/7/2010	1-2010-03284	3/10/2014	12509
PU020340-VN-PCT	organic	VN	7/14/2003	1-2005-00174	5/4/2012	10250
PU020340-ZA-PCT	organic	ZA	7/14/2003	2005/00417	10/25/2006	2005/00417
PU020407-CN-PCT	organic	CN	10/22/2002	02821143.X	7/29/2009	ZL02821143.X
PU020407-DE-EPT	organic	DE	10/22/2002	02784216.0	9/21/2011	60241106.8
PU020407-FR-EPT	organic	FR	10/22/2002	02784216.0	9/21/2011	1438844
PU020407-GB-EPT	organic	GB	10/22/2002	02784216.0	9/21/2011	1438844
PU020407-KR-PCT	organic	KR	10/22/2002	10-2004-7004944	5/28/2010	10-0961784
PU020407-US-PCT	organic	US	10/22/2002	10/493288	9/29/2009	7596301
PU020436-CA-PCT	organic	CA	9/10/2003	2500301	5/14/2013	2500301
PU020436-CN-PCT	organic	CN	9/10/2003	03823578.1	9/14/2011	ZL03823578.1
PU020436-IN-PCT	organic	IN	9/10/2003	1154/DELNP/05	8/5/2008	222377
PU020436-KR-PCT	organic	KR	9/10/2003	10-2005-7005467	5/23/2011	10-1037768
PU020436-MX-PCT	organic	MX	9/10/2003	PA/a/05/003463	6/24/2009	267754
PU020436-MY-NP	organic	MY	9/30/2003	PI20033717	7/29/2011	MY-143943-A
PU020436-PH-PCT	organic	PH	9/10/2003	1-2005-500539	11/5/2009	1-2005-500539
PU020436-RU-PCT	organic	RU	9/10/2003	2005113316	2/19/2008	2335860
PU020436-TW-NP	organic	TW	9/29/2003	092126837	4/1/2005	1230519
PU020436-US-PCT	organic	US	9/10/2003	10/529710	5/18/2010	7720152
PU020436-VN-PCT	organic	VN	9/10/2003	1-2005-00584	1/8/2009	7462
PU020436-ZA-PCT	organic	ZA	9/10/2003	2005/02370	5/31/2006	2005/02370
PU020477-AT-EPT	organic	AT	7/14/2003	03764508.2	4/1/2015	1540952
PU020477-AU-DIV[1]	organic	AU	3/12/2008	2008201158	11/10/2011	2008201158
PU020477-AU-DIV[2]	organic	AU	6/25/2010	2010202730	7/25/2013	2010202730
PU020477-AU-DIV[3]	organic	AU	6/29/2010	2010202729	8/1/2013	2010202729
PU020477-AU-DIV[4]	organic	AU	6/29/2010	2010202728	8/22/2013	2010202728
PU020477-AU-DIV[5]	organic	AU	6/29/2010	2010202727	8/29/2013	2010202727
PU020477-AU-PCT	organic	AU	7/14/2003	2003249053	9/23/2010	2003249053
PU020477-BE-EPT	organic	BE	7/14/2003	03764508.2	4/1/2015	1540952
PU020477-BG-EPT	organic	BG	7/14/2003	03764508.2	4/1/2015	1540952
PU020477-BR-DIV[1]	organic	BR	3/4/2008	PI0318787.0		
PU020477-BR-DIV[2]	organic	BR	7/14/2010	PI0318825.6		
PU020477-BR-DIV[3]	organic	BR	7/14/2010	PI0318824.8		
PU020477-BR-DIV[4]	organic	BR	7/14/2010	PI0318822.1	3/27/2018	PI0318822.1
PU020477-BR-DIV[5]	organic	BR	7/14/2010	PI0318823.0		
PU020477-BR-PCT	organic	BR	7/14/2003	PI0305519.1	11/7/2017	PI0305519.1
PU020477-CA-PCT	organic	CA	7/14/2003	2491862	9/23/2014	2491862
PU020477-CH-EPT	organic	CH	7/14/2003	03764508.2	4/1/2015	1540952
PU020477-CN-DIV	organic	CN	8/2/2010	201010243723.6	9/11/2013	ZL201010243723.6

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PU020477-CN-DIV[2]	organic	CN	8/2/2010	201010243731.0	1/14/2015	ZL201010243731.0
PU020477-CN-DIV[3]	organic	CN	8/2/2010	201010243733.X	6/27/2012	ZL201010243733.X
PU020477-CN-PCT	organic	CN	7/14/2003	03817029.9	9/22/2010	ZL03817029.9
PU020477-CZ-EPT	organic	CZ	7/14/2003	03764508.2	4/1/2015	1540952
PU020477-DE-EPT	organic	DE	7/14/2003	03764508.2	4/1/2015	60347465.9
PU020477-DK-EPT	organic	DK	7/14/2003	03764508.2	4/1/2015	1540952
PU020477-EP-ETD	organic	EP	7/14/2003	15161109.2		
PU020477-ES-EPT	organic	ES	7/14/2003	03764508.2	4/1/2015	1540952
PU020477-FI-EPT	organic	FI	7/14/2003	03764508.2	4/1/2015	1540952
PU020477-FR-EPT	organic	FR	7/14/2003	03764508.2	4/1/2015	1540952
PU020477-GB-EPT	organic	GB	7/14/2003	03764508.2	4/1/2015	1540952
PU020477-GR-EPT	organic	GR	7/14/2003	03764508.2	4/1/2015	1540952
PU020477-HK-FPR	organic	HK	5/30/2016	16106095.3		
PU020477-HU-EPT	organic	HU	7/14/2003	03764508.2	4/1/2015	1540952
PU020477-IE-EPT	organic	IE	7/14/2003	03764508.2	4/1/2015	1540952
PU020477-IN-DIV[1]	organic	IN	2/21/2008	1506/DELNP/08		
PU020477-IN-PCT	organic	IN	7/14/2003	127/DELNP/05	6/10/2016	273494
PU020477-IT-EPT	organic	IT	7/14/2003	03764508.2	4/1/2015	502015000013747
PU020477-JP-DIV	organic	JP	5/26/2010	2010-120798	9/22/2011	4827150
PU020477-JP-DIV[2]	organic	JP	12/20/2010	2010-283214	8/24/2012	5067905
PU020477-JP-DIV[3]	organic	JP	10/14/2011	2011-226891	2/14/2014	5473015
PU020477-JP-DIV[5]	organic	JP	8/10/2015	2015-157894		
PU020477-JP-DIV[6]	organic	JP	2/15/2018	2018-024707		
PU020477-JP-PCT	organic	JP	7/14/2003	2005-505124	10/14/2011	4840852
PU020477-KR-DIV	organic	KR	5/27/2010	10-2010-7011694	9/28/2011	10-1070530
PU020477-KR-PCT	organic	KR	7/14/2003	10-2005-7000723	12/24/2010	10-1005215
PU020477-MX-DIV	organic	MX	9/23/2009	MX/a/09/010238	11/27/2013	315787
PU020477-MX-DIV[2]	organic	MX	7/6/2010	MX/a/10/007475	4/29/2014	319747
PU020477-MX-DIV[3]	organic	MX	1/7/2014	MX/a/14/000216	4/9/2015	329274
PU020477-MX-DIV[4]	organic	MX	4/8/2015	MX/a/15/004410		
PU020477-MX-PCT	organic	MX	7/14/2003	PA/a/05/000676	9/24/2009	270359
PU020477-MY-DIV[1]	organic	MY	2/25/2008	PI20080402	6/29/2012	MY-146138-A
PU020477-MY-DIV[2]	organic	MY	7/22/2011	PI2011003429	1/29/2015	MY-153363-A
PU020477-MY-NP	organic	MY	7/14/2003	PI20032620	6/15/2011	MY-143619-A
PU020477-NL-EPT	organic	NL	7/14/2003	03764508.2	4/1/2015	1540952
PU020477-PH-DIV[1]	organic	PH	3/3/2008	1-2008-500525	4/30/2014	1-2008-500525
PU020477-PH-DIV[2]	organic	PH	5/11/2010	1-2010-501049	6/27/2013	1-2010-501049
PU020477-PH-DIV[3]	organic	PH	5/11/2010	1-2010-501050	8/30/2013	1-2010-501050

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PU020477-PH-DIV[4]	organic	PH	7/23/2010	1-2010-501661	6/4/2014	1-2010-501661
PU020477-PH-DIV[5]	organic	PH	7/23/2010	1-2010-501662	5/21/2014	1-2010-501662
PU020477-PH-PCT	organic	PH	7/14/2003	1-2005-500041	8/27/2010	1-2005-500041
PU020477-PT-EPT	organic	PT	7/14/2003	03764508.2	4/1/2015	1540952
PU020477-RO-EPT	organic	RO	7/14/2003	03764508.2	4/1/2015	1540952
PU020477-RU-PCT	organic	RU	7/14/2003	2005103829	5/27/2008	2325783
PU020477-SE-EPT	organic	SE	7/14/2003	03764508.2	4/1/2015	1540952
PU020477-TH-NP	organic	TH	7/11/2003	083786		
PU020477-TR-EPT	organic	TR	7/14/2003	03764508.2	4/1/2015	TR201505498
PU020477-TW-NP	organic	TW	7/15/2003	092119268	8/21/2005	I238661
PU020477-US-CNT	organic	US	10/1/2010	12/924715	10/16/2012	8290052
PU020477-US-CNT[2]	organic	US	10/1/2010	12/924719	10/16/2012	8290053
PU020477-US-CNT[3]	organic	US	10/1/2010	12/924713	10/16/2012	8290051
PU020477-US-CNT[4]	organic	US	10/1/2010	12/924709	10/16/2012	8290050
PU020477-US-CNT[5]	organic	US	10/1/2010	12/924714	10/23/2012	8295354
PU020477-US-CNT[7]	organic	US	3/26/2014	14/225614	1/17/2017	9549191
PU020477-US-CNT[8]	organic	US	11/10/2016	15/348408	3/27/2018	9930335
PU020477-US-CNT[9]	organic	US	2/13/2018	15/895760		
PU020477-US-NP	organic	US	4/9/2003	10/410456	3/26/2013	8406301
PU020477-VN-DIV	organic	VN	11/8/2010	1-2010-02992	3/10/2014	12506
PU020477-VN-DIV[2]	organic	VN	11/8/2010	10-2010-02991	3/10/2014	12505
PU020477-VN-PCT	organic	VN	7/14/2003	1-2005-00175	5/4/2012	10251
PU020477-ZA-PCT	organic	ZA	7/14/2003	2005/00416	10/25/2006	2005/00416
PU020487-CN-PCT	organic	CN	11/13/2003	200380104750.3	7/16/2008	ZL200380104750.3
PU020487-EP-EPT	organic	EP	11/13/2003	03783480.1		
PU020487-IN-PCT	organic	IN	11/13/2003	2309/DELNP/05	5/28/2010	240742
PU020487-JP-PCT	organic	JP	11/13/2003	2004-559124	6/10/2011	4756573
PU020487-KR-PCT	organic	KR	11/13/2003	10-2005-7010096	2/21/2011	10-1017907
PU020487-MX-DIV	organic	MX	9/30/2008	MX/a/08/012596	11/10/2011	292104
PU020487-MX-DIV[2]	organic	MX	9/30/2008	MX/a/08/012595	11/10/2011	292103
PU020487-MX-PCT	organic	MX	11/13/2003	PA/a/05/005988	6/18/2009	267610
PU030017-EP-EPT	organic	EP	10/24/2003	03779280.1		
PU030017-KR-PCT	organic	KR	10/24/2003	10-2005-7012849	9/24/2010	10-0984517
PU030018-CN-PCT	organic	CN	7/9/2003	03825791.2	12/24/2008	ZL03825791.2
PU030018-KR-PCT	organic	KR	7/9/2003	10-2005-7012798	7/6/2010	10-0970089
PU030019-CN-PCT	organic	CN	7/10/2003	03825775.0	1/20/2010	ZL03825775.0

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PU030019-JP-PCT	organic	JP	7/10/2003	2004-566420	3/12/2010	4474288
PU030152-AU-DIV	organic	AU	5/19/2010	2010202031	4/26/2012	2010202031
PU030152-AU-PCT	organic	AU	3/30/2004	2004240456	9/23/2010	2004240456
PU030152-BR-PCT	organic	BR	3/30/2004	PI0410383.1	4/17/2018	PI0410383.1
PU030152-CA-DIV	organic	CA	12/29/2014	2875894	10/25/2016	2875894
PU030152-CA-PCT	organic	CA	3/30/2004	2526016	11/17/2015	2526016
PU030152-CN-DIV[1]	organic	CN	8/6/2008	200810146021.9		
PU030152-EP-EPT	organic	EP	3/30/2004	04749583.3		
PU030152-ID-PCT	organic	ID	3/30/2004	W00200503018	11/23/2010	IDP0027023
PU030152-IN-PCT	organic	IN	3/30/2004	5234/DELNP/05	9/30/2010	243274
PU030152-JP-PCT	organic	JP	3/30/2004	2006-532359	3/30/2012	4960703
PU030152-KR-PCT	organic	KR	3/30/2004	10-2005-7021612	10/28/2010	10-0991707
PU030152-MX-PCT	organic	MX	3/30/2004	PA/a/05/012295	5/25/2009	266953
PU030152-MY-NP	organic	MY	5/13/2004	PI20041779	4/20/2018	MY-165687-A
PU030152-PH-PCT	organic	PH	3/30/2004	1-2005-502052	7/16/2010	1-2005-502052
PU030152-SG-PCT	organic	SG	3/30/2004	200507001.6	2/29/2008	116933
PU030152-TH-NP	organic	TH	5/12/2004	090738	1/15/2015	42588
PU030152-VN-PCT	organic	VN	3/30/2004	1-2005-01851		
PU030152-ZA-PCT	organic	ZA	3/30/2004	2005/09227	5/30/2007	2005/09227
PU030170-AU-DIV	organic	AU	7/16/2010	2010203039	8/25/2011	2010203039
PU030170-BR-PCT	organic	BR	6/15/2004	PI0411458.2		
PU030170-CA-PCT	organic	CA	6/15/2004	2528037	5/13/2014	2528037
PU030170-CN-PCT	organic	CN	6/15/2004	200480015443.2	12/9/2009	ZL200480015443.2
PU030170-DE-EPT	organic	DE	6/15/2004	04776520.1	8/10/2011	602004033900.8
PU030170-ES-EPT	organic	ES	6/15/2004	04776520.1	8/10/2011	1634457
PU030170-FR-EPT	organic	FR	6/15/2004	04776520.1	8/10/2011	1634457
PU030170-GB-EPT	organic	GB	6/15/2004	04776520.1	8/10/2011	1634457
PU030170-IN-PCT	organic	IN	6/15/2004	5736/DELNP/05	5/17/2010	240534
PU030170-IT-EPT	organic	IT	6/15/2004	04776520.1	8/10/2011	502011901989698
PU030170-JP-PCT	organic	JP	6/15/2004	2006-517238	11/18/2011	4863379
PU030170-KR-PCT	organic	KR	6/15/2004	10-2005-7024080	6/3/2011	10-1040886
PU030170-MX-PCT	organic	MX	6/15/2004	PA/a/05/013568	9/18/2009	270184
PU030170-MY-NP	organic	MY	6/15/2004	PI20042287	8/30/2013	MY-149392-A
PU030170-TH-NP	organic	TH	6/11/2004	091472	3/2/2015	43065
PU030170-TR-EPT	organic	TR	6/15/2004	04776520.1	8/10/2011	TR201111040
PU030170-US-PCT	organic	US	6/15/2004	10/560477	8/19/2014	8811492
PU030170-ZA-PCT	organic	ZA	6/15/2004	2005/10085	4/25/2007	2005/10085
PU030259-AU-PCT	organic	AU	4/7/2004	2004273405	4/1/2010	2004273405
PU030259-BR-PCT	organic	BR	4/7/2004	PI0413904.6	6/6/2017	PI0413904.6
PU030259-CA-PCT	organic	CA	4/7/2004	2537000	11/15/2011	2537000
PU030259-CN-PCT	organic	CN	4/7/2004	200480024480.X	5/21/2008	ZL200480024480.X

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PU030259-DE-EPT	organic	DE	4/7/2004	04816165.7	12/12/2007	602004010683.6
PU030259-ES-EPT	organic	ES	4/7/2004	04816165.7	12/12/2007	1661089
PU030259-FR-EPT	organic	FR	4/7/2004	04816165.7	12/12/2007	1661089
PU030259-GB-EPT	organic	GB	4/7/2004	04816165.7	12/12/2007	1661089
PU030259-HK-FPR	organic	HK	2/1/2007	07101129.5	1/23/2009	HK1094071
PU030259-HU-EPT	organic	HU	4/7/2004	04816165.7	12/12/2007	1661089
PU030259-ID-PCT	organic	ID	4/7/2004	W00200600551	8/1/2007	ID0019674
PU030259-IN-PCT	organic	IN	4/7/2004	1492/DELNP/06	9/30/2010	243275
PU030259-IT-EPT	organic	IT	4/7/2004	04816165.7	12/12/2007	502008901605308
PU030259-JP-DIV[2]	organic	JP	7/6/2012	2012-152334	10/25/2013	5394546
PU030259-JP-PCT	organic	JP	4/7/2004	2006-524613	4/1/2011	4711962
PU030259-KR-PCT	organic	KR	4/7/2004	10-2006-7004023	12/7/2010	10-1001086
PU030259-MX-PCT	organic	MX	4/7/2004	PA/a/06/002339	9/11/2008	260484
PU030259-MY-NP	organic	MY	8/27/2004	PI20043512	7/31/2008	MY-136026-A
PU030259-NL-EPT	organic	NL	4/7/2004	04816165.7	12/12/2007	1661089
PU030259-PL-EPT	organic	PL	4/7/2004	04816165.7	12/12/2007	1661089
PU030259-RU-PCT	organic	RU	4/7/2004	2006110037	8/27/2008	2332715
PU030259-TH-NP	organic	TH	7/29/2004	092696	10/29/2013	37771
PU030259-US-PCT	organic	US	4/7/2004	10/569318	6/15/2010	7738721
PU030259-ZA-PCT	organic	ZA	4/7/2004	2006/01707	9/25/2008	2006/01707
PU030273-CN-PCT	organic	CN	9/21/2004	200480027521.0	12/23/2009	ZL200480027521.0
PU030273-DE-EPT	organic	DE	9/21/2004	04784572.2	4/20/2011	602004032367.5
PU030273-FR-EPT	organic	FR	9/21/2004	04784572.2	4/20/2011	1676446
PU030273-GB-EPT	organic	GB	9/21/2004	04784572.2	4/20/2011	1676446
PU030274-AU-PCT	organic	AU	9/10/2004	2004306386	2/11/2010	2004306386
PU030274-BR-PCT	organic	BR	9/10/2004	PI0414641.7		
PU030274-CA-PCT	organic	CA	9/10/2004	2538785	10/29/2013	2538785
PU030274-CN-PCT	organic	CN	9/10/2004	200480027528.2	6/8/2011	ZL200480027528.2
PU030274-EP-EPT	organic	EP	9/10/2004	04783594.7		
PU030274-HK-FPR	organic	HK	1/3/2007	07100068.0	3/2/2012	HK1093643
PU030274-ID-PCT	organic	ID	9/10/2004	W00200600786	12/23/2009	ID0024818
PU030274-IN-PCT	organic	IN	9/10/2004	1541/DELNP/06	11/8/2012	254498
PU030274-JP-PCT	organic	JP	9/10/2004	2006-528037	10/5/2012	5100121
PU030274-KR-PCT	organic	KR	9/10/2004	10-2006-7005688	11/5/2010	10-0993990
PU030274-MX-PCT	organic	MX	9/10/2004	PA/a/06/003283	4/30/2010	275624
PU030274-PH-PCT	organic	PH	9/10/2004	1-2006-500536	4/16/2010	1-2006-500536
PU030274-RU-PCT	organic	RU	9/10/2004	2006113606	12/10/2008	2340943
PU030274-US-PCT	organic	US	9/10/2004	10/572820	5/17/2011	7945106
PU030274-VN-PCT	organic	VN	9/10/2004	1-2006-00632	11/26/2013	12093
PU030274-ZA-PCT	organic	ZA	9/10/2004	2006/02350	9/26/2007	2006/02350

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PU030275-AU-DIV	organic	AU	7/14/2010	2010202973	8/25/2011	2010202973
PU030275-AU-PCT	organic	AU	9/22/2004	2004306091	11/25/2010	2004306091
PU030275-BR-PCT	organic	BR	9/22/2004	PI0414647.6		
PU030275-CA-PCT	organic	CA	9/22/2004	2538832	2/12/2013	2538832
PU030275-CN-PCT	organic	CN	9/22/2004	200480027522.5	4/28/2010	ZL200480027522.5
PU030275-EP-EPT	organic	EP	9/22/2004	04784705.8		
PU030275-HK-FPR	organic	HK	1/3/2007	07100067.1	9/30/2010	HK1093642
PU030275-IN-DIV	organic	IN	11/25/2009	7674/DELNP/09		
PU030275-IN-PCT	organic	IN	9/22/2004	1633/DELNP/06	1/21/2010	238166
PU030275-JP-PCT	organic	JP	9/22/2004	2006-528114	2/24/2012	4931587
PU030275-KR-PCT	organic	KR	9/22/2004	10-2006-7005686	2/2/2012	10-1114743
PU030275-MX-PCT	organic	MX	9/22/2004	PA/a/06/003285	5/22/2009	266935
PU030275-PH-PCT	organic	PH	9/22/2004	1-2006-500537	12/23/2010	1-2006-500537
PU030275-RU-PCT	organic	RU	9/22/2004	2006113613	12/27/2008	2342703
PU030275-SG-PCT	organic	SG	9/22/2004	200601896.4	11/28/2008	123006
PU030275-US-PCT	organic	US	9/22/2004	10/571148	2/15/2011	7889939
PU030275-ZA-PCT	organic	ZA	9/22/2004	2006/02349	10/31/2007	2006/02349
PU030282-AU-PCT	organic	AU	10/12/2004	2004306878	1/14/2010	2004306878
PU030282-BR-PCT	organic	BR	10/12/2004	PI0415307.3		
PU030282-CA-PCT	organic	CA	10/12/2004	2540852	7/9/2013	2540852
PU030282-CN-PCT	organic	CN	10/12/2004	200480030008.7	10/3/2012	ZL200480030008.7
PU030282-EP-EPT	organic	EP	10/12/2004	04794941.7		
PU030282-HK-FPR	organic	HK	2/1/2007	07101146.4	2/1/2013	HK1096515
PU030282-ID-PCT	organic	ID	10/12/2004	W00200600985	12/17/2010	IDP0027280
PU030282-IN-PCT	organic	IN	10/12/2004	2470/DELNP/06	8/26/2010	242451
PU030282-JP-PCT	organic	JP	10/12/2004	2006-535616	2/18/2011	4685021
PU030282-KR-PCT	organic	KR	10/12/2004	10-2006-7006673	10/19/2010	10-0989897
PU030282-MX-PCT	organic	MX	10/12/2004	PA/a/06/004099	9/18/2009	270180
PU030282-PH-PCT	organic	PH	10/12/2004	1-2006-500682	12/6/2012	1-2006-500682
PU030282-RU-PCT	organic	RU	10/12/2004	2006116495	12/10/2008	2340944
PU030282-SG-DIV[1]	organic	SG	10/13/2008	200807701.8	5/31/2011	147440
PU030282-US-PCT	organic	US	10/12/2004	10/575676	8/7/2012	8238613
PU030282-VN-PCT	organic	VN	10/12/2004	1-2006-00595	11/9/2010	8846
PU030301-JP-PCT	organic	JP	2/27/2004	2007-500735	6/25/2010	4535509
PU030308-AU-PCT	organic	AU	12/1/2004	2004298261	6/10/2010	2004298261
PU030308-BR-PCT	organic	BR	12/1/2004	PI0417216.7		
PU030308-CN-PCT	organic	CN	12/1/2004	200480035807.3	6/26/2013	ZL200480035807.3
PU030308-EP-EPD	organic	EP	3/12/2007	07103949.9		
PU030308-EP-EPT	organic	EP	12/1/2004	04813479.5		
PU030308-ID-PCT	organic	ID	12/1/2004	W00200601501	7/21/2010	IDP0026205

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PU030308-IN-PCT	organic	IN	12/1/2004	3801/DELNP/06	6/16/2015	266915
PU030308-JP-DIV	organic	JP	9/7/2011	2011-195138	1/29/2016	5876691
PU030308-KR-PCT	organic	KR	12/1/2004	10-2006-7010849	8/30/2012	10-1180184
PU030308-MX-PCT	organic	MX	12/1/2004	PA/a/06/006308	12/9/2009	272588
PU030308-RU-PCT	organic	RU	12/1/2004	2006123942	2/10/2009	2346330
PU030308-ZA-PCT	organic	ZA	12/1/2004	2006/04413	10/31/2007	2006/04413
PU040104-AU-PCT	organic	AU	6/15/2004	2004250927	7/22/2010	2004250927
PU040104-BR-PCT	organic	BR	6/15/2004	PI0411433.7		
PU040104-CA-PCT	organic	CA	6/15/2004	2528040	5/14/2013	2528040
PU040104-CN-PCT	organic	CN	6/15/2004	200480016659.0	9/15/2010	ZL200480016659.0
PU040104-DE-EPT	organic	DE	6/15/2004	04776521.9	8/17/2011	602004034011.1
PU040104-ES-EPT	organic	ES	6/15/2004	04776521.9	8/17/2011	1634458
PU040104-FR-EPT	organic	FR	6/15/2004	04776521.9	8/17/2011	1634458
PU040104-GB-EPT	organic	GB	6/15/2004	04776521.9	8/17/2011	1634458
PU040104-IN-PCT	organic	IN	6/15/2004	5684/DELNP/05	11/5/2009	236526
PU040104-IT-EPT	organic	IT	6/15/2004	04776521.9	8/17/2011	502011901992744
PU040104-JP-PCT	organic	JP	6/15/2004	2006-517239	7/29/2011	4789265
PU040104-KR-PCT	organic	KR	6/15/2004	10-2005-7024079	7/14/2011	10-1050858
PU040104-MX-PCT	organic	MX	6/15/2004	PA/a/05/013570	2/9/2010	273994
PU040104-MY-NP	organic	MY	6/16/2004	PI20042313	12/13/2013	MY-150169-A
PU040104-TH-NP	organic	TH	6/15/2004	091532	9/8/2014	41402
PU040104-TR-EPT	organic	TR	6/15/2004	04776521.9	8/17/2011	TR201111041
PU040104-US-CNT	organic	US	9/1/2015	14/842317		
PU040104-US-PCT	organic	US	6/15/2004	10/559643	10/13/2015	9161033
PU040104-ZA-PCT	organic	ZA	6/15/2004	2005/10086	4/25/2007	2005/10086
PU040259-CN-PCT	organic	CN	9/14/2005	200580031221.4	6/8/2011	ZL200580031221.4
PU040259-DE-EPT	organic	DE	9/14/2005	05797457.8	11/9/2016	602005050661.6
PU040259-EP-EPD	organic	EP	9/20/2016	16189666.7		
PU040259-FR-EPT	organic	FR	9/14/2005	05797457.8	11/9/2016	1790168
PU040259-GB-EPT	organic	GB	9/14/2005	05797457.8	11/9/2016	1790168
PU040259-IN-PCT	organic	IN	9/14/2005	1984/DELNP/07		
PU040259-JP-DIV[1]	organic	JP	9/26/2008	2008-248441	8/17/2012	5062849
PU040259-JP-PCT	organic	JP	9/14/2005	2007-532453	8/17/2012	5062833
PU040259-KR-PCT	organic	KR	9/14/2005	10-2007-7006035	11/9/2012	10-1201930
PU040259-US-PCT	organic	US	9/14/2005	11/662903	10/9/2012	8284837
PU040269-BR-PCT	organic	BR	9/28/2005	PI0515943.1		
PU040269-CN-PCT	organic	CN	9/28/2005	200580032978.5	7/3/2013	ZL200580032978.5
PU040269-DE-EPT	organic	DE	9/28/2005	05814899.0	3/16/2016	602005048691.7
PU040269-FR-EPT	organic	FR	9/28/2005	05814899.0	3/16/2016	1795015

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PU040269-IN-PCT	organic	IN	9/28/2005	1988/DELNP/07		
PU040269-JP-DIV	organic	JP	7/8/2013	2013-143034	4/17/2015	5730954
PU040269-JP-PCT	organic	JP	9/28/2005	2007-534753	8/16/2013	5342777
PU040284-BR-PCT	organic	BR	10/7/2005	PI0516614.4		
PU040284-CA-PCT	organic	CA	10/7/2005	2583156	3/18/2014	2583156
PU040284-CN-PCT	organic	CN	10/7/2005	200580035570.3	1/4/2012	ZL200580035570.3
PU040284-EP-EPT	organic	EP	10/7/2005	05806780.2		
PU040284-HK-FPR	organic	HK	11/20/2007	07112630.4	10/5/2012	HK1104365
PU040284-ID-PCT	organic	ID	10/7/2005	W00200701205	4/26/2010	IDP0025557
PU040284-IN-PCT	organic	IN	10/7/2005	2525/DELNP/07	8/19/2015	268139
PU040284-JP-PCT	organic	JP	10/7/2005	2007-536752	3/4/2011	4696121
PU040284-KR-PCT	organic	KR	10/7/2005	10-2007-7011223	12/14/2011	10-1096916
PU040284-MX-PCT	organic	MX	10/7/2005	MX/a/07/004366	11/12/2010	280981
PU040284-MY-NP	organic	MY	10/17/2005	PI20054863	10/15/2014	MY-152493-A
PU040284-RU-PCT	organic	RU	10/7/2005	2007118488	1/10/2010	2378697
PU040284-TH-NP	organic	TH	10/13/2005	105147		
PU040284-US-CNT	organic	US	10/20/2009	12/589217	5/21/2013	8447127
PU040284-ZA-PCT	organic	ZA	10/7/2005	2007/03153	8/27/2008	2007/03153
PU040286-CA-PCT	organic	CA	10/17/2005	2584027	12/30/2014	2584027
PU040286-CN-PCT	organic	CN	10/17/2005	200580035201.4	6/19/2013	ZL200580035201.4
PU040286-EP-EPT	organic	EP	10/17/2005	05813106.1		
PU040286-IN-PCT	organic	IN	10/17/2005	2860/DELNP/07		
PU040286-JP-PCT	organic	JP	10/17/2005	2007-537972	2/10/2012	4920592
PU040286-KR-PCT	organic	KR	10/17/2005	10-2007-7011418	8/8/2012	10-1174179
PU040286-MY-NP	organic	MY	10/19/2005	PI20054904	12/14/2012	MY-147433-A
PU040286-TH-NP	organic	TH	10/21/2005	105468	5/22/2017	55119
PU040286-US-NP	organic	US	10/17/2005	11/252177	6/15/2010	7738722
PU040293-CN-PCT	organic	CN	10/27/2005	200580037234.2	8/19/2009	ZL200580037234.2
PU040293-EP-ETD	organic	EP	6/28/2010	10167575.9		
PU040293-IN-PCT	organic	IN	10/27/2005	2911/DELNP/07		
PU040293-JP-DIV	organic	JP	8/16/2013	2013-169241	10/9/2015	5819367
PU040293-JP-PCT	organic	JP	10/27/2005	2007-539270	1/9/2015	5676070
PU040293-KR-DIV	organic	KR	5/27/2013	10-2013-7013543	11/7/2013	10-1329173
PU040293-KR-PCT	organic	KR	10/27/2005	10-2007-7009179	11/6/2013	10-1328547
PU040293-MY-NP	organic	MY	10/28/2005	PI20055089	5/21/2018	MY-166007-A
PU040293-TH-NP	organic	TH	10/31/2005	105718		
PU040293-US-PCT	organic	US	10/27/2005	11/665809	3/31/2015	8994744
PU040315-BR-PCT	organic	BR	10/27/2005	PI0517793.6		
PU040315-CA-DIV	organic	CA	1/25/2013	2803789	4/15/2014	2803789
PU040315-CA-PCT	organic	CA	10/27/2005	2587095	1/20/2015	2587095

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PU040315-CN-DIV	organic	CN	10/16/2009	200910205190.X	10/30/2012	ZL200910205190.X
PU040315-EP-EPT	organic	EP	10/27/2005	05821188.9		
PU040315-EP-ETD	organic	EP	4/12/2010	10159675.7		
PU040315-IN-PCT	organic	IN	10/27/2005	3152/DELNP/07	8/8/2014	262007
PU040315-JP-PCT	organic	JP	10/27/2005	2007-541216	3/30/2012	4960877
PU040315-KR-PCT	organic	KR	10/27/2005	10-2007-7009831	4/9/2013	10-1254611
PU040315-MX-DIV	organic	MX	9/14/2011	MX/a/11/009686	7/23/2013	311642
PU040315-MX-PCT	organic	MX	10/27/2005	MX/a/07/005653	4/27/2012	298672
PU040315-MY-DIV	organic	MY	11/11/2005	PI20090517		
PU040315-MY-NP	organic	MY	11/11/2005	PI20055295	3/31/2016	MY-156757-A
PU040315-TH-NP	organic	TH	11/11/2005	106111	5/11/2017	54932
PU040317-AU-DIV	organic	AU	8/25/2011	2010249256	1/12/2012	2010249256
PU040317-AU-DIV[2]	organic	AU	8/25/2011	2011213893	1/24/2013	2011213893
PU040317-AU-PCT	organic	AU	11/14/2005	2005306697	3/31/2011	2005306697
PU040317-BR-PCT	organic	BR	11/14/2005	PI0518174.7	11/14/2017	PI0518174.7
PU040317-CA-PCT	organic	CA	11/14/2005	2587131	12/30/2014	2587131
PU040317-CN-PCT	organic	CN	11/14/2005	200580038971.4	8/22/2012	ZL200580038971.4
PU040317-DE-EPT	organic	DE	11/14/2005	05851551.1	4/28/2010	602005020967.0
PU040317-FR-EPT	organic	FR	11/14/2005	05851551.1	4/28/2010	1815324
PU040317-GB-EPT	organic	GB	11/14/2005	05851551.1	4/28/2010	1815324
PU040317-HK-FPR	organic	HK	12/28/2007	07114208.2	5/24/2013	HK1105825
PU040317-ID-PCT	organic	ID	11/14/2005	W00200701510	2/15/2016	IDP000040486
PU040317-IN-PCT	organic	IN	11/14/2005	3332/DELNP/07		
PU040317-JP-PCT	organic	JP	11/14/2005	2007-541364	9/14/2012	5087405
PU040317-KR-DIV	organic	KR	8/17/2012	10-2012-7021636	8/5/2013	10-1295221
PU040317-KR-PCT	organic	KR	11/14/2005	10-2007-7011006	2/28/2013	10-1240445
PU040317-MX-PCT	organic	MX	11/14/2005	MX/a/07/005828	7/23/2009	268598
PU040317-MY-NP	organic	MY	11/15/2005	PI20055328	11/30/2009	MY-140122-A
PU040317-PH-PCT	organic	PH	11/14/2005	1-2007-500929	12/23/2010	1-2007-500929
PU040317-RU-PCT	organic	RU	11/14/2005	2007122506	4/20/2011	2416818
PU040317-SG-PCT	organic	SG	11/14/2005	200703530.6	10/30/2009	132343
PU040317-TH-NP	organic	TH	11/16/2005	106219		
PU040317-US-NP	organic	US	11/14/2005	11/273067	12/14/2010	7852409
PU040317-VN-PCT	organic	VN	11/14/2005	1-2007-01006	3/3/2011	9143
PU040317-ZA-PCT	organic	ZA	11/14/2005	2007/03917		
PU040318-BR-PCT	organic	BR	11/8/2005	PI0517828.2		
PU040318-CA-PCT	organic	CA	11/8/2005	2587118	12/30/2014	2587118
PU040318-CN-PCT	organic	CN	11/8/2005	200580039232.7	5/26/2010	ZL200580039232.7
PU040318-EP-EPT	organic	EP	11/8/2005	05824628.1		

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PU040318-IN-PCT	organic	IN	11/8/2005	3330/DELNP/07	10/21/2013	257626
PU040318-JP-PCT	organic	JP	11/8/2005	2007-541276	3/16/2012	4950059
PU040318-KR-DIV	organic	KR	8/3/2012	10-2012-7020516	5/28/2013	10-1270755
PU040318-KR-PCT	organic	KR	11/8/2005	10-2007-7011000	1/30/2013	10-1229942
PU040318-MX-PCT	organic	MX	11/8/2005	MX/a/07/005829	7/23/2009	268597
PU040318-MY-NP	organic	MY	11/15/2005	PI20055330	7/31/2009	MY-138582-A
PU040318-TH-NP	organic	TH	11/16/2005	106218	7/14/2016	50427
PU040318-US-PCT	organic	US	11/8/2005	11/667816	8/25/2015	9117261
PU040319-AU-PCT	organic	AU	10/26/2005	2005306921	6/16/2011	2005306921
PU040319-BR-PCT	organic	BR	10/26/2005	PI0517743.0	6/27/2017	PI0517743.0
PU040319-CA-PCT	organic	CA	10/26/2005	2587201	10/13/2015	2587201
PU040319-CN-PCT	organic	CN	10/26/2005	200580038654.2	11/3/2010	ZL200580038654.2
PU040319-DE-EPT	organic	DE	10/26/2005	05820021.3	4/11/2012	602005033676.1
PU040319-ES-EPT	organic	ES	10/26/2005	05820021.3	4/11/2012	1812904
PU040319-FR-EPT	organic	FR	10/26/2005	05820021.3	4/11/2012	1812904
PU040319-GB-EPT	organic	GB	10/26/2005	05820021.3	4/11/2012	1812904
PU040319-HK-FPR	organic	HK	1/31/2008	08101233.7	4/8/2011	HK1107439
PU040319-HU-EPT	organic	HU	10/26/2005	05820021.3	4/11/2012	1812904
PU040319-ID-PCT	organic	ID	10/26/2005	W00200701511	5/6/2010	IDP0025618
PU040319-IN-PCT	organic	IN	10/26/2005	3115/DELNP/07	10/28/2015	269572
PU040319-IT-EPT	organic	IT	10/26/2005	05820021.3	4/11/2012	502012902048896
PU040319-JP-PCT	organic	JP	10/26/2005	2007-541212	9/16/2011	4825808
PU040319-KR-PCT	organic	KR	10/26/2005	10-2007-7011054	7/26/2012	10-1170584
PU040319-MX-PCT	organic	MX	10/26/2005	MX/a/07/005652	7/23/2009	268596
PU040319-MY-NP	organic	MY	11/14/2005	PI20055319	2/15/2017	MY-159896-A
PU040319-PH-PCT	organic	PH	10/26/2005	1-2007-500827	9/20/2012	1-2007-500827
PU040319-RU-PCT	organic	RU	10/26/2005	2007122488	10/27/2009	2371769
PU040319-SG-PCT	organic	SG	10/26/2005	200703405.1	10/30/2009	132266
PU040319-TH-NP	organic	TH	11/4/2005	105874	7/28/2015	45340
PU040319-US-CNT	organic	US	9/30/2015	14/870484		
PU040319-US-PCT	organic	US	10/26/2005	11/667581	11/3/2015	9177364
PU040319-VN-PCT	organic	VN	10/26/2005	1-2007-01211	7/6/2012	10450
PU040319-ZA-PCT	organic	ZA	10/26/2005	2007/03568	8/27/2008	2007/03568
PU040320-AU-PCT	organic	AU	10/26/2005	2005306936	5/26/2011	2005306936
PU040320-BR-PCT	organic	BR	10/26/2005	PI0517759.6	9/12/2017	PI0517759.6
PU040320-CA-PCT	organic	CA	10/26/2005	2587117	2/11/2014	2587117
PU040320-EP-EPT	organic	EP	10/26/2005	05824623.2		
PU040320-ID-PCT	organic	ID	10/26/2005	W00200701539	5/12/2011	IDP0028238
PU040320-IN-PCT	organic	IN	10/26/2005	3117/DELNP/07		
PU040320-JP-PCT	organic	JP	10/26/2005	2007-543075	4/6/2012	4965454

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PU040320-KR-PCT	organic	KR	10/26/2005	10-2007-7011147	7/24/2012	10-1169826
PU040320-MX-PCT	organic	MX	10/26/2005	MX/a/07/005651	7/23/2009	268595
PU040320-MY-NP	organic	MY	11/16/2005	PI20055350	11/30/2009	MY-140149-A
PU040320-PH-PCT	organic	PH	10/26/2005	1-2007-500826	7/22/2011	1-2007-500826
PU040320-RU-PCT	organic	RU	10/26/2005	2007122487	11/10/2009	2372659
PU040320-SG-PCT	organic	SG	10/26/2005	200703529.8	9/30/2009	132342
PU040320-TH-NP	organic	TH	11/3/2005	105838	9/22/2016	51485
PU040320-US-PCT	organic	US	10/26/2005	11/667629	8/4/2015	9098916
PU040320-VN-PCT	organic	VN	10/26/2005	1-2007-01212	7/6/2012	10454
PU040320-ZA-PCT	organic	ZA	10/26/2005	2007/03946	8/27/2008	2007/03946
PU040323-AU-PCT	organic	AU	9/26/2005	2005309975	1/6/2011	2005309975
PU040323-BR-PCT	organic	BR	9/26/2005	PI0518052.0		
PU040323-CA-PCT	organic	CA	9/26/2005	2586896	11/19/2013	2586896
PU040323-CN-PCT	organic	CN	9/26/2005	200580040160.8	7/13/2010	ZL200580040160.8
PU040323-DE-EPT	organic	DE	9/26/2005	05800983.8	7/1/2009	602005015249.0
PU040323-FR-EPT	organic	FR	9/26/2005	05800983.8	7/1/2009	1815688
PU040323-GB-EPT	organic	GB	9/26/2005	05800983.8	7/1/2009	1815688
PU040323-HK-FPR	organic	HK	1/31/2008	08101186.4	5/20/2011	HK1107480
PU040323-ID-PCT	organic	ID	9/26/2005	W00200701570	5/6/2011	IDP0028254
PU040323-IN-PCT	organic	IN	9/26/2005	3636/DELNP/07		
PU040323-JP-PCT	organic	JP	9/26/2005	2007-543034	9/22/2011	4829893
PU040323-KR-PCT	organic	KR	9/26/2005	10-2007-7011590	7/12/2012	10-1166948
PU040323-MX-PCT	organic	MX	9/26/2005	MX/a/07/006211	12/9/2009	272587
PU040323-MY-NP	organic	MY	11/17/2005	PI20055375	10/30/2009	MY-139472-A
PU040323-PH-PCT	organic	PH	9/26/2005	1-2007-500993	4/8/2011	1-2007-500993
PU040323-RU-PCT	organic	RU	9/26/2005	2007123610	12/27/2009	2377651
PU040323-SG-PCT	organic	SG	9/26/2005	200703622.1	11/30/2009	132393
PU040323-TH-NP	organic	TH	10/12/2005	0501004767	5/11/2015	44167
PU040323-US-PCT	organic	US	9/26/2005	11/667846	6/25/2013	8472526
PU040323-VN-PCT	organic	VN	9/26/2005	1-2007-01034	12/20/2011	9921
PU040323-ZA-PCT	organic	ZA	9/26/2005	2007/04141	8/27/2008	2007/04141
PU040324-AU-DIV	organic	AU	3/11/2010	2010200926	8/9/2012	2010200926
PU040324-AU-PCT	organic	AU	11/22/2005	2005309719	10/14/2010	2005309719
PU040324-BR-PCT	organic	BR	11/22/2005	PI0518258.1		
PU040324-CA-PCT	organic	CA	11/22/2005	2587445	6/18/2013	2587445
PU040324-CN-DIV	organic	CN	5/19/2010	201010186705.9	11/30/2011	ZL201010186705.9
PU040324-CN-PCT	organic	CN	11/22/2005	200580040400.4	1/1/2014	ZL200580040400.4
PU040324-EP-EPT	organic	EP	11/22/2005	05851989.3		
PU040324-HK-FPR	organic	HK	1/31/2008	08101232.8	9/5/2014	HK1107481
PU040324-ID-PCT	organic	ID	11/22/2005	W00200701607	11/2/2015	IDP000039739

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PU040324-IN-PCT	organic	IN	11/22/2005	3477/DELNP/07		
PU040324-JP-DIV	organic	JP	2/15/2012	2012-030249	11/1/2013	5400185
PU040324-JP-PCT	organic	JP	11/22/2005	2007-543394	3/30/2012	4960879
PU040324-KR-PCT	organic	KR	11/22/2005	10-2007-7010993	6/7/2013	10-1274644
PU040324-MX-PCT	organic	MX	11/22/2005	MX/a/07/006139	5/7/2010	275751
PU040324-MY-DIV	organic	MY	11/23/2005	PI20091283	11/30/2016	MY-159019-A
PU040324-MY-NP	organic	MY	11/23/2005	PI20055466	4/29/2011	MY-143341-A
PU040324-PH-PCT	organic	PH	11/22/2005	1-2007-500948	3/31/2011	1-2007-500948
PU040324-RU-PCT	organic	RU	11/22/2005	2007123613	11/10/2009	2372660
PU040324-SG-PCT	organic	SG	11/22/2005	200703758.3	3/31/2010	132771
PU040324-TH-NP	organic	TH	11/23/2005	106404		
PU040324-US-NP	organic	US	11/22/2005	11/285540	9/20/2011	8023567
PU040324-VN-PCT	organic	VN	11/22/2005	1-2007-01048	12/15/2011	9914
PU040324-ZA-DIV[1]	organic	ZA	12/11/2008	2008/10507	8/26/2009	2008/10507
PU040324-ZA-PCT	organic	ZA	11/22/2005	2007/04041	3/25/2009	2007/04041
PU050011-CN-PCT	organic	CN	1/17/2006	200680002552.X	7/31/2013	ZL200680002552.X
PU050011-EP-EPT	organic	EP	1/17/2006	06718536.3		
PU050011-JP-PCT	organic	JP	1/17/2006	2007-551458	7/13/2012	5036559
PU050011-US-PCT	organic	US	1/17/2006	11/795089	10/6/2015	9154795
PU050020-DE-EPT	organic	DE	1/24/2006	06733835.0	12/15/2010	602006018868.4
PU050020-FR-EPT	organic	FR	1/24/2006	06733835.0	12/15/2010	1849304
PU050020-GB-EPT	organic	GB	1/24/2006	06733835.0	12/15/2010	1849304
PU050020-JP-PCT	organic	JP	1/24/2006	2007-553166	8/10/2012	5058823
PU050020-KR-PCT	organic	KR	1/24/2006	10-2007-7019520	3/8/2013	10-1244030
PU050020-TW-NP	organic	TW	1/27/2006	095103567	8/11/2011	1347132
PU050051-BR-PCT	organic	BR	3/16/2006	PI0609280.2		
PU050051-CN-PCT	organic	CN	3/16/2006	200680011944.2	5/19/2010	ZL200680011944.2
PU050051-EP-EPT	organic	EP	3/16/2006	06738965.0		
PU050051-IN-PCT	organic	IN	3/16/2006	7384/DELNP/07		
PU050051-JP-DIV[2]	organic	JP	10/29/2015	2015-212434		
PU050051-JP-DIV[3]	organic	JP	12/20/2017	2017-243608		
PU050051-KR-PCT	organic	KR	3/16/2006	10-2007-7023523	6/18/2013	10-1278308
PU050051-MX-PCT	organic	MX	3/16/2006	MX/a/07/012705	5/18/2011	286647
PU050051-MY-NP	organic	MY	3/24/2006	PI20061303	8/15/2017	MY-163150-A
PU050051-TH-NP	organic	TH	3/24/2006	0601001334		
PU050160-AU-PCT	organic	AU	5/19/2006	2006277008	2/23/2012	2006277008
PU050160-BR-PCT	organic	BR	5/19/2006	PI0613657.5		
PU050160-CN-PCT	organic	CN	5/19/2006	200680026635.2	5/11/2011	ZL200680026635.2
PU050160-DE-EPT	organic	DE	5/19/2006	06760205.2	3/8/2017	602006051913.3
PU050160-FR-EPT	organic	FR	5/19/2006	06760205.2	3/8/2017	1915870

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PU050160-ID-PCT	organic	ID	5/19/2006	W00200800183	2/7/2017	IDP000044310
PU050160-IN-PCT	organic	IN	5/19/2006	9878/DELNP/07		
PU050160-JP-PCT	organic	JP	5/19/2006	2008-522773	2/28/2014	5484725
PU050160-KR-PCT	organic	KR	5/19/2006	10-2008-7001511	8/16/2013	10-1299390
PU050160-MX-PCT	organic	MX	5/19/2006	MX/a/08/000906	4/1/2011	285281
PU050160-MY-NP	organic	MY	7/19/2006	PI20063436	8/30/2013	MY-149340-A
PU050160-PH-PCT	organic	PH	5/19/2006	1-2007-502807	8/13/2012	1-2007-502807
PU050160-RU-PCT	organic	RU	5/19/2006	2008106624	2/10/2011	2411686
PU050160-TH-NP	organic	TH	5/31/2006	0601002494		
PU050160-TW-NP	organic	TW	6/7/2006	095120122	5/11/2010	I324887
PU050160-VN-PCT	organic	VN	5/19/2006	1-2008-00173	12/15/2011	9915
PU050160-ZA-PCT	organic	ZA	5/19/2006	2008/00248	8/26/2009	2008/00248
PU050185-BR-PCT	organic	BR	8/30/2005	PI0520491.7		
PU050185-CN-PCT	organic	CN	8/30/2005	200580051441.3	3/28/2012	ZL200580051441.3
PU050185-EP-EPT	organic	EP	8/30/2005	05792662.8		
PU050185-IN-PCT	organic	IN	8/30/2005	833/DELNP/08		
PU050185-JP-PCT	organic	JP	8/30/2005	2008-528992	2/24/2012	4934139
PU050185-MY-NP	organic	MY	8/24/2006	PI20064027	8/28/2015	MY-155001-A
PU050185-TH-NP	organic	TH	8/25/2006	0601004085		
PU050185-US-PCT	organic	US	8/30/2005	11/990294	5/29/2012	8189659
PU050227-BR-PCT	organic	BR	9/27/2006	PI0616615.6		
PU050227-CN-PCT	organic	CN	9/27/2006	200680039559.9	7/27/2011	ZL200680039559.9
PU050227-IN-PCT	organic	IN	9/27/2006	2429/DELNP/08		
PU050227-KR-PCT	organic	KR	9/27/2006	10-2008-7007307	12/6/2013	10-1340937
PU050227-US-PCT	organic	US	9/27/2006	11/992622	7/2/2013	8477840
PU050235-AU-PCT	organic	AU	10/3/2006	2006303886	3/1/2012	2006303886
PU050235-BR-PCT	organic	BR	10/3/2006	PI0616407.2		
PU050235-CA-PCT	organic	CA	10/3/2006	2624339	12/2/2014	2624339
PU050235-CN-PCT	organic	CN	10/3/2006	200680037543.4	10/13/2010	ZL200680037543.4
PU050235-EP-EPT	organic	EP	10/3/2006	06825326.9		
PU050235-ID-PCT	organic	ID	10/3/2006	W00200801157	8/2/2011	IDP0028901
PU050235-IN-PCT	organic	IN	10/3/2006	2164/DELNP/08		
PU050235-JP-PCT	organic	JP	10/3/2006	2008-535559	6/22/2012	5020960
PU050235-KR-PCT	organic	KR	10/3/2006	10-2008-7007164	11/7/2013	10-1329167
PU050235-MX-PCT	organic	MX	10/3/2006	MX/a/08/004760	9/30/2011	290653
PU050235-MY-PCT	organic	MY	10/3/2006	PI20080923	10/31/2014	MY-152568-A
PU050235-RU-PCT	organic	RU	10/3/2006	2008118370	4/27/2011	2417546
PU050235-TH-NP	organic	TH	10/9/2006	0601004980		
PU050235-US-PCT	organic	US	10/3/2006	11/992727	9/18/2012	8270496
PU050235-VN-PCT	organic	VN	10/3/2006	1-2008-00767	8/19/2013	11701

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PU050235-ZA-PCT	organic	ZA	10/3/2006	2008/03018	7/29/2009	2008/03018
PU050296-CN-PCT	organic	CN	11/2/2006	200680048934.6	11/28/2012	ZL200680048934.6
PU050296-DE-EPT	organic	DE	11/2/2006	06827384.6	1/11/2017	602006051529.4
PU050296-FR-EPT	organic	FR	11/2/2006	06827384.6	1/11/2017	1964411
PU050296-GB-EPT	organic	GB	11/2/2006	06827384.6	1/11/2017	1964411
PU050296-JP-PCT	organic	JP	11/2/2006	2008-547226	11/22/2013	5415081
PU060004-AU-PCT	organic	AU	1/8/2007	2007205179	12/8/2011	2007205179
PU060004-BR-PCT	organic	BR	1/8/2007	PI0706434.9		
PU060004-CN-DIV	organic	CN	6/28/2010	201010215042.9	3/26/2014	ZL201010215042.9
PU060004-CN-DIV[2]	organic	CN	2/17/2013	201310051375.6	3/23/2016	ZL201310051375.6
PU060004-CN-DIV[3]	organic	CN	2/17/2013	201310051362.9	3/23/2016	ZL201310051362.9
PU060004-CN-DIV[4]	organic	CN	2/16/2013	201310051382.6	3/23/2016	ZL201310051382.6
PU060004-CN-DIV[5]	organic	CN	2/16/2013	201310051369.0	3/23/2016	ZL201310051369.0
PU060004-CN-PCT	organic	CN	1/8/2007	200780002091.0	3/27/2013	ZL200780002091.0
PU060004-EP-EPD	organic	EP	7/22/2010	10170452.6		
PU060004-EP-ETD[2]	organic	EP	1/19/2012	12151704.9		
PU060004-IN-DIV	organic	IN	4/21/2016	201618013973		
PU060004-IN-PCT	organic	IN	1/8/2007	5741/DELNP/08		
PU060004-JP-DIV	organic	JP	6/25/2012	2012-141824	8/29/2014	5602192
PU060004-JP-DIV[2]	organic	JP	8/22/2013	2013-172093	1/20/2017	6077965
PU060004-JP-DIV[3]	organic	JP	12/25/2014	2014-261857	9/29/2017	6214097
PU060004-JP-PCT	organic	JP	1/8/2007	2008-550342	3/15/2013	5219212
PU060004-KR-PCT	organic	KR	1/8/2007	10-2008-7016474	1/6/2014	10-1350676
PU060004-MX-PCT	organic	MX	1/8/2007	MX/a/08/008861	6/26/2012	300676
PU060004-RU-PCT	organic	RU	1/8/2007	2008132834	9/27/2013	2494569
PU060004-US-CNT	organic	US	4/29/2013	13/872502	9/22/2015	9143782
PU060004-US-CNT[2]	organic	US	8/12/2015	14/824777	12/20/2016	9525888
PU060004-US-CNT[3]	organic	US	8/12/2015	14/824879	12/13/2016	9521429
PU060004-US-PCT	organic	US	1/8/2007	12/087357	9/23/2014	8842729
PU060004-VN-PCT	organic	VN	1/8/2007	1-2008-02014	6/20/2012	10398
PU060004-ZA-PCT	organic	ZA	1/8/2007	2008/05650	10/28/2009	2008/05650
PU060023-BR-PCT	organic	BR	3/16/2006	PI0609236.5		
PU060023-CN-PCT	organic	CN	3/16/2006	200680011946.1	9/14/2010	ZL200680011946.1
PU060023-EP-EPT	organic	EP	3/16/2006	06738487.5		
PU060023-IN-PCT	organic	IN	3/16/2006	7753/DELNP/07		
PU060023-JP-DIV	organic	JP	6/19/2013	2013-129003		
PU060023-JP-DIV[3]	organic	JP	4/21/2016	2016-085299		
PU060023-KR-PCT	organic	KR	3/16/2006	10-2007-7023524	6/18/2013	10-1278324

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PU060023-MX-PCT	organic	MX	3/16/2006	MX/a/07/012708	1/27/2012	295300
PU060023-MY-NP	organic	MY	3/24/2006	PI20061301	5/30/2014	MY-151482-A
PU060023-TH-NP	organic	TH	3/24/2006	0601001336		
PU060029-BR-PCT	organic	BR	3/16/2006	PI0609239.0		
PU060029-CN-DIV	organic	CN	8/22/2013	201310369407.7	3/1/2017	ZL201310369407.7
PU060029-EP-EPT	organic	EP	3/16/2006	06738625.0		
PU060029-IN-PCT	organic	IN	3/16/2006	7818/DELNP/07		
PU060029-JP-DIV[2]	organic	JP	10/29/2015	2015-212435		
PU060029-JP-DIV[3]	organic	JP	10/18/2017	2017-201677		
PU060029-KR-PCT	organic	KR	3/16/2006	10-2007-7023526	4/8/2013	10-1254355
PU060029-MX-PCT	organic	MX	3/16/2006	MX/a/07/012710	1/27/2012	295303
PU060029-MY-NP	organic	MY	3/24/2006	PI20061302	6/15/2017	MY-162364-A
PU060029-TH-NP	organic	TH	3/24/2006	0601001337	4/27/2018	62174
PU060029-US-CNT[2]	organic	US	12/29/2016	15/394254		
PU060084-AU-PCT	organic	AU	5/19/2006	2006277007	2/9/2012	2006277007
PU060084-BR-PCT	organic	BR	5/19/2006	PI0613659.1		
PU060084-CN-PCT	organic	CN	5/19/2006	200680026699.2	9/7/2011	ZL200680026699.2
PU060084-DE-EPT	organic	DE	5/19/2006	06770699.4	7/5/2017	1915871
PU060084-FR-EPT	organic	FR	5/19/2006	06770699.4	7/5/2017	1915871
PU060084-GB-EPT	organic	GB	5/19/2006	06770699.4	7/5/2017	1915871
PU060084-HK-FPR	organic	HK	11/13/2008	08112464.4	12/2/2011	HK1118663
PU060084-ID-PCT	organic	ID	5/19/2006	W00200800181	2/19/2013	IDP0033018
PU060084-IN-PCT	organic	IN	5/19/2006	9947/DELNP/07		
PU060084-IT-EPT	organic	IT	5/19/2006	06770699.4	7/5/2017	502017000090552
PU060084-JP-PCT	organic	JP	5/19/2006	2008-522772	5/9/2014	5535479
PU060084-KR-PCT	organic	KR	5/19/2006	10-2008-7001513	8/19/2013	10-1299848
PU060084-MX-PCT	organic	MX	5/19/2006	MX/a/08/000907		
PU060084-MY-NP	organic	MY	7/19/2006	PI20063435	10/31/2012	MY-147087-A
PU060084-NL-EPT	organic	NL	5/19/2006	06770699.4	7/5/2017	1915871
PU060084-PH-PCT	organic	PH	5/19/2006	1-2007-502813	8/17/2012	1-2007-502813
PU060084-RU-PCT	organic	RU	5/19/2006	2008106629	12/10/2010	2406253
PU060084-TH-NP	organic	TH	5/31/2006	0601002493		
PU060084-TW-NP	organic	TW	6/7/2006	095120126	6/1/2010	I325723
PU060084-VN-PCT	organic	VN	5/19/2006	1-2008-00172	11/20/2012	10847
PU060084-ZA-PCT	organic	ZA	5/19/2006	2008/00244	5/26/2010	2008/00244
PU060097-CN-PCT	organic	CN	5/25/2006	200680054691.7	8/29/2012	ZL200680054691.7
PU060097-EP-EPT	organic	EP	5/25/2006	06760417.3		
PU060097-IN-PCT	organic	IN	5/25/2006	8859/DELNP/08	12/23/2017	291018
PU060097-JP-DIV	organic	JP	6/18/2013	2013-127830	10/31/2014	5639228

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PU060097-JP-PCT	organic	JP	5/25/2006	2009-511992	10/11/2013	5384330
PU060097-KR-DIV	organic	KR	11/18/2013	10-2013-7030571	5/11/2015	10-1521041
PU060097-KR-PCT	organic	KR	5/25/2006	10-2008-7028648	2/20/2014	10-1368120
PU060097-US-PCT	organic	US	5/25/2006	12/226856	8/11/2015	9106914
PU060118-AU-PCT	organic	AU	1/8/2007	2007205007	7/14/2011	2007205007
PU060118-BR-DIV	organic	BR	10/24/2016	BR1220160248194		
PU060118-BR-PCT	organic	BR	1/8/2007	PI0706438.1		
PU060118-CN-DIV	organic	CN	2/9/2012	201210031506.X	4/29/2015	ZL201210031506.X
PU060118-CN-DIV[2]	organic	CN	2/9/2012	201210031489.X	4/20/2016	ZL201210031489.X
PU060118-CN-PCT	organic	CN	1/8/2007	200780002077.0	4/18/2012	ZL200780002077.0
PU060118-EP-ETD[2]	organic	EP	1/19/2012	12151708.0		
PU060118-IN-PCT	organic	IN	1/8/2007	5782/DELNP/08		
PU060118-JP-DIV	organic	JP	6/12/2012	2012-132695	5/9/2014	5534536
PU060118-JP-DIV[2]	organic	JP	2/19/2013	2013-029769	3/29/2013	5229842
PU060118-JP-DIV[3]	organic	JP	3/19/2013	2013-056142	2/28/2014	5483509
PU060118-JP-DIV[4]	organic	JP	3/19/2013	2013-056143	2/28/2014	5483510
PU060118-JP-DIV[5]	organic	JP	3/19/2013	2013-056144	9/12/2014	5610552
PU060118-JP-DIV[6]	organic	JP	8/8/2014	2014-161997	9/23/2016	6008433
PU060118-JP-DIV[7]	organic	JP	12/9/2015	2015-239845	2/10/2017	6086560
PU060118-JP-DIV[8]	organic	JP	12/16/2016	2016-243996		
PU060118-JP-PCT	organic	JP	1/8/2007	2008-550362	3/29/2013	5229810
PU060118-KR-PCT	organic	KR	1/8/2007	10-2008-7016571	1/6/2014	10-1350597
PU060118-MX-PCT	organic	MX	1/8/2007	MX/a/08/008860	11/10/2011	292086
PU060118-RU-PCT	organic	RU	1/8/2007	2008132879	11/10/2011	2433561
PU060118-US-PCT	organic	US	1/8/2007	12/087355		
PU060118-VN-PCT	organic	VN	1/8/2007	1-2008-01817	6/30/2014	12886
PU060118-ZA-PCT	organic	ZA	1/8/2007	2008/05751		
PU060135-BR-PCT	organic	BR	5/25/2007	PI0713348.0		
PU060135-CN-PCT	organic	CN	5/25/2007	200780025531.4	6/22/2016	ZL200780025531.4
PU060135-IN-PCT	organic	IN	5/25/2007	40/DELNP/09		
PU060135-JP-DIV	organic	JP	11/20/2012	2012-254189	11/6/2015	5833531
PU060135-JP-DIV[2]	organic	JP	11/20/2012	2012-254194	11/6/2015	5833532
PU060135-JP-DIV[3]	organic	JP	7/10/2015	2015-138372	3/17/2017	6108637
PU060135-JP-PCT	organic	JP	5/25/2007	2009-518128	3/20/2015	5715756
PU060135-KR-PCT	organic	KR	5/25/2007	10-2009-7000056	10/7/2014	10-1450921
PU060136-AU-PCT	organic	AU	7/5/2007	2007269575	11/29/2012	2007269575
PU060136-BR-PCT	organic	BR	7/5/2007	PI0714022.3		
PU060136-CN-PCT	organic	CN	7/5/2007	200780025718.4	10/3/2012	ZL200780025718.4
PU060136-EP-EPT	organic	EP	7/5/2007	07810285.2		
PU060136-IN-PCT	organic	IN	7/5/2007	81/DELNP/09		
PU060136-JP-DIV	organic	JP	12/25/2012	2012-280508	3/20/2015	5713467
PU060136-JP-DIV[2]	organic	JP	9/5/2013	2013-183792	5/29/2015	5753237

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PU060136-JP-DIV[3]	organic	JP	3/23/2015	2015-059765	5/11/2018	6333758
PU060136-JP-DIV[4]	organic	JP	10/5/2016	2016-196887	11/17/2017	6242977
PU060136-JP-DIV[5]	organic	JP	11/7/2017	2017-214323		
PU060136-KR-PCT	organic	KR	7/5/2007	10-2009-7000135	1/6/2014	10-1350591
PU060136-MX-PCT	organic	MX	7/5/2007	MX/a/09/000207	1/25/2013	307006
PU060136-RU-PCT	organic	RU	7/5/2007	2009103915	2/20/2012	2443074
PU060136-US-CNT	organic	US	3/20/2017	15/463184		
PU060136-US-PCT	organic	US	7/5/2007	12/309063	5/2/2017	9641842
PU060136-VN-PCT	organic	VN	7/5/2007	1-2009-00239	10/20/2014	13326
PU060136-ZA-PCT	organic	ZA	7/5/2007	2009/00102	5/26/2010	2009/00102
PU060137-BR-PCT	organic	BR	7/10/2007	PI0714119.0		
PU060137-CN-PCT	organic	CN	7/10/2007	200780026418.8	9/21/2011	ZL200780026418.8
PU060137-IN-PCT	organic	IN	7/10/2007	187/DELNP/09		
PU060137-JP-PCT	organic	JP	7/10/2007	2009-519489	8/30/2013	5351020
PU060137-KR-PCT	organic	KR	7/10/2007	10-2009-7000526	3/19/2014	10-1378185
PU060137-US-PCT	organic	US	7/10/2007	12/309066	1/29/2013	8363724
PU060144-BR-PCT	organic	BR	7/10/2007	PI0714564.0		
PU060144-CN-PCT	organic	CN	7/10/2007	200780035056.9	10/30/2013	ZL200780035056.9
PU060144-EP-ETD[2]	organic	EP	1/9/2017	17150704.9		
PU060144-IN-PCT	organic	IN	7/10/2007	438/DELNP/09	8/1/2017	285972
PU060144-JP-DIV	organic	JP	9/24/2012	2012-209451	7/19/2013	5319831
PU060144-JP-DIV[2]	organic	JP	7/9/2013	2013-143127	9/26/2014	5621018
PU060144-JP-DIV[3]	organic	JP	9/18/2014	2014-189575	1/29/2016	5876554
PU060144-JP-DIV[4]	organic	JP	12/10/2015	2015-240720		
PU060144-JP-PCT	organic	JP	7/10/2007	2009-520762	11/16/2012	5135342
PU060144-KR-PCT	organic	KR	7/10/2007	10-2009-7001085	1/13/2014	10-1353204
PU060144-US-PCT	organic	US	7/10/2007	12/309454		
PU060154-CN-PCT	organic	CN	12/20/2006	200680056746.8	7/3/2013	ZL200680056746.8
PU060154-IN-PCT	organic	IN	12/20/2006	3569/DELNP/09		
PU060154-JP-PCT	organic	JP	12/20/2006	2009-542738	3/9/2012	4943513
PU060154-KR-PCT	organic	KR	12/20/2006	10-2009-7012689	11/20/2014	10-1465813
PU060154-US-PCT	organic	US	12/20/2006	12/448291	6/10/2014	8750385
PU060159-BR-PCT	organic	BR	8/16/2007	PI0715770.3		
PU060159-CN-PCT	organic	CN	8/16/2007	200780030822.2	12/26/2012	ZL200780030822.2
PU060159-DE-EPT	organic	DE	8/16/2007	07836840.4	4/20/2011	602007014060.9
PU060159-FR-EPT	organic	FR	8/16/2007	07836840.4	4/20/2011	2055108
PU060159-GB-EPT	organic	GB	8/16/2007	07836840.4	4/20/2011	2055108
PU060159-IN-PCT	organic	IN	8/16/2007	793/DELNP/09		
PU060159-JP-PCT	organic	JP	8/16/2007	2009-525561	2/14/2014	5474546
PU060159-KR-PCT	organic	KR	8/16/2007	10-2009-7003826	3/31/2014	10-1382101
PU060159-US-PCT	organic	US	8/16/2007	12/310090	1/29/2013	8363936

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PU060163-CN-PCT	organic	CN	8/21/2007	200780032627.3	4/4/2012	ZL200780032627.3
PU060163-DE-EPT	organic	DE	8/21/2007	07837154.9	10/16/2013	602007033394.6
PU060163-FR-EPT	organic	FR	8/21/2007	07837154.9	10/16/2013	2070336
PU060163-GB-EPT	organic	GB	8/21/2007	07837154.9	10/16/2013	2070336
PU060163-IN-PCT	organic	IN	8/21/2007	795/DELNP/09		
PU060163-KR-PCT	organic	KR	8/21/2007	10-2009-7004112	3/26/2014	10-1380356
PU060163-US-PCT	organic	US	8/21/2007	12/310089	8/20/2013	8514887
PU060191-BR-PCT	organic	BR	10/12/2007	PI0716957.4		
PU060191-CN-DIV	organic	CN	10/12/2007	201210236406.0	10/28/2015	ZL201210236406.0
PU060191-CN-DIV[2]	organic	CN	10/12/2012	201710523675.8		
PU060191-IN-PCT	organic	IN	10/12/2007	1811/DELNP/09		
PU060191-JP-DIV	organic	JP	9/28/2012	2012-215491	1/25/2013	5184713
PU060191-JP-DIV[2]	organic	JP	1/15/2013	2013-004574	9/26/2014	5619923
PU060191-JP-DIV[3]	organic	JP	9/16/2014	2014-187396	6/30/2017	6164742
PU060191-JP-DIV[4]	organic	JP	2/20/2017	2017-029222		
PU060191-JP-PCT	organic	JP	10/12/2007	2009-532434	1/25/2013	5184539
PU060191-KR-PCT	organic	KR	10/12/2007	10-2009-7007128	2/21/2014	10-1368493
PU060191-US-CNT	organic	US	2/2/2015	14/612189		
PU060191-US-PCT	organic	US	10/12/2007	12/311190	2/3/2015	8948256
PU060200-BR-PCT	organic	BR	10/11/2007	PI0719856.6		
PU060200-CN-PCT	organic	CN	10/11/2007	200780039054.7	10/2/2013	ZL200780039054.7
PU060200-EP-EPT	organic	EP	10/11/2007	07852689.4		
PU060200-IN-PCT	organic	IN	10/11/2007	2132/DELNP/09		
PU060200-JP-PCT	organic	JP	10/11/2007	2009-533320	11/2/2012	5124583
PU060200-US-PCT	organic	US	10/11/2007	12/311929	9/27/2016	9456223
PU060220-AU-PCT	organic	AU	7/5/2007	2007269576	10/25/2012	2007269576
PU060220-BR-PCT	organic	BR	7/5/2007	PI0714024.0		
PU060220-CN-PCT	organic	CN	7/5/2007	200780025705.7	2/6/2013	ZL200780025705.7
PU060220-EP-EPT	organic	EP	7/5/2007	07810286.0		
PU060220-IN-PCT	organic	IN	7/5/2007	82/DELNP/09		
PU060220-JP-DIV	organic	JP	12/25/2012	2012-280495	3/20/2015	5713466
PU060220-JP-DIV[2]	organic	JP	9/5/2013	2013-183814	5/29/2015	5753238
PU060220-JP-DIV[4]	organic	JP	5/9/2017	2017-092858		
PU060220-KR-PCT	organic	KR	7/5/2007	10-2009-7000137	2/27/2015	10-1499263
PU060220-MX-DIV	organic	MX	6/19/2013	MX/a/13/007083	9/15/2014	323674
PU060220-MX-DIV[2]	organic	MX	9/12/2014	MX/a/14/011065	7/22/2015	331789
PU060220-MX-DIV[3]	organic	MX	4/8/2015	MX/a/15/004409		
PU060220-MX-DIV[4]	organic	MX	8/7/2015	MX/a/15/009394	5/12/2016	339121

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PU060220-MX-PCT	organic	MX	7/5/2007	MX/a/09/000205	6/19/2013	310692
PU060220-RU-DIV	organic	RU	1/14/2013	2013101608	12/8/2017	2637996
PU060220-RU-DIV[2]	organic	RU	1/14/2013	2013101607	5/19/2017	2619910
PU060220-RU-PCT	organic	RU	7/5/2007	2009103912	4/27/2013	2480942
PU060220-US-PCT	organic	US	7/5/2007	12/309062		
PU060220-VN-DIV	organic	VN	5/20/2015	1-2015-01776		
PU060220-VN-PCT	organic	VN	7/5/2007	1-2009-00237	7/7/2015	14276
PU060220-ZA-PCT	organic	ZA	7/5/2007	2009/00857	5/26/2010	2009/00857
PU060222-BR-PCT	organic	BR	10/25/2007	PI0717936.7		
PU060222-CN-DIV	organic	CN	4/24/2015	201510201391.8		
PU060222-CN-DIV[10]	organic	CN	10/25/2007	201510741429.0		
PU060222-CN-DIV[11]	organic	CN	10/25/2007	201510740903.8		
PU060222-CN-DIV[12]	organic	CN	10/25/2007	201510742246.0		
PU060222-CN-DIV[13]	organic	CN	10/25/2007	201510742238.6		
PU060222-CN-DIV[14]	organic	CN	10/25/2007	201510744429.6		
PU060222-CN-DIV[15]	organic	CN	10/25/2007	201510741427.1		
PU060222-CN-DIV[16]	organic	CN	10/25/2007	201510742236.7		
PU060222-CN-DIV[2]	organic	CN	10/25/2007	201510742269.1		
PU060222-CN-DIV[3]	organic	CN	10/25/2007	201510740985.6		
PU060222-CN-DIV[4]	organic	CN	10/25/2007	201510742267.2		
PU060222-CN-DIV[5]	organic	CN	10/25/2007	201510741433.7		
PU060222-CN-DIV[6]	organic	CN	10/25/2007	201510741432.2		
PU060222-CN-DIV[7]	organic	CN	10/25/2007	201510742250.7		
PU060222-CN-DIV[8]	organic	CN	10/25/2007	201510741430.3		
PU060222-CN-DIV[9]	organic	CN	10/25/2007	201510744667.7		
PU060222-EP-EPT	organic	EP	10/25/2007	07870824.5		
PU060222-HK-FPD	organic	HK	3/4/2016	16102506.5		
PU060222-HK-FPD[12]	organic	HK	8/26/2016	16110191.8		
PU060222-HK-FPD[2]	organic	HK	8/26/2016	16110192.7		
PU060222-HK-FPD[3]	organic	HK	9/2/2016	16110489.9		
PU060222-IN-PCT	organic	IN	10/25/2007	2576/DELNP/09		
PU060222-JP-PCT	organic	JP	10/25/2007	2009-536243	9/4/2015	5801032
PU060222-US-CNT	organic	US	12/28/2015	14/981345	6/6/2017	9674556

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PU060222-US-CNT[2]	organic	US	5/3/2017	15/585462		
PU060222-US-PCT	organic	US	10/25/2007	12/312386	3/1/2016	9277243
PU060252-US-PCT	organic	US	6/27/2007	12/312796	5/20/2014	8731070
PU060254-AT-EPT	organic	AT	12/6/2007	07862581.1	11/1/2017	2103136
PU060254-BE-EPT	organic	BE	12/6/2007	07862581.1	11/1/2017	2103136
PU060254-CH-EPT	organic	CH	12/6/2007	07862581.1	11/1/2017	2103136
PU060254-CN-PCT	organic	CN	12/6/2007	200780046718.2	7/10/2013	ZL200780046718.2
PU060254-CZ-EPT	organic	CZ	12/6/2007	07862581.1	11/1/2017	2103136
PU060254-DE-EPT	organic	DE	12/6/2007	07862581.1	11/1/2017	602007052923.9
PU060254-DK-EPT	organic	DK	12/6/2007	07862581.1	11/1/2017	2103136
PU060254-EP-ETD[3]	organic	EP	11/10/2011	11188630.5		
PU060254-ES-EPT	organic	ES	12/6/2007	07862581.1	11/1/2017	2103136
PU060254-FI-EPT	organic	FI	12/6/2007	07862581.1	11/1/2017	2103136
PU060254-FR-EPT	organic	FR	12/6/2007	07862581.1	11/1/2017	2103136
PU060254-GB-EPT	organic	GB	12/6/2007	07862581.1	11/1/2017	2103136
PU060254-GR-EPT	organic	GR	12/6/2007	07862581.1	11/1/2017	2103136
PU060254-HU-EPT	organic	HU	12/6/2007	07862581.1	11/1/2017	2103136
PU060254-IN-PCT	organic	IN	12/6/2007	3324/DELNP/09		
PU060254-IT-EPT	organic	IT	12/6/2007	07862581.1	11/1/2017	502017000137356
PU060254-JP-DIV	organic	JP	10/2/2012	2012-220003	3/8/2013	5214053
PU060254-JP-DIV[2]	organic	JP	2/25/2013	2013-034209	2/5/2016	5877592
PU060254-JP-DIV[3]	organic	JP	7/25/2014	2014-151429	2/5/2016	5877594
PU060254-JP-DIV[4]	organic	JP	6/2/2015	2015-112473		
PU060254-JP-PCT	organic	JP	12/6/2007	2009-542792	10/12/2012	5108896
PU060254-NL-EPT	organic	NL	12/6/2007	07862581.1	11/1/2017	2103136
PU060254-PL-EPT	organic	PL	12/6/2007	07862581.1	11/1/2017	2103136
PU060254-PT-EPT	organic	PT	12/6/2007	07862581.1	11/1/2017	2103136
PU060254-RO-EPT	organic	RO	12/6/2007	07862581.1	11/1/2017	2103136
PU060254-SE-EPT	organic	SE	12/6/2007	07862581.1	11/1/2017	2103136
PU060254-SK-EPT	organic	SK	12/6/2007	07862581.1	11/1/2017	2103136
PU060254-TR-EPT	organic	TR	12/6/2007	07862581.1	11/1/2017	2103136
PU060254-TW-DIV	organic	TW	1/10/2012	100149393	3/11/2016	I526071
PU060254-TW-DIV[2]	organic	TW	4/10/2015	104111693		
PU060254-TW-NP	organic	TW	12/20/2007	096149089	10/1/2014	I455596
PU060254-US-PCT	organic	US	12/6/2007	12/312953		
PU070024-CN-DIV	organic	CN	1/11/2008	201610210219.3		
PU070024-CN-PCT	organic	CN	1/11/2008	200880002111.9	5/4/2016	ZL200880002111.9
PU070024-EP-EPT	organic	EP	1/11/2008	08705571.1		
PU070024-HK-FPR	organic	HK	12/16/2016	16114350.7		
PU070024-IN-PCT	organic	IN	1/11/2008	4436/DELNP/09		
PU070024-JP-DIV	organic	JP	11/5/2014	2014-224957	4/7/2017	6120413
PU070024-JP-PCT	organic	JP	1/11/2008	2009-545612	11/21/2014	5649105
PU070024-KR-DIV[3]	organic	KR	1/19/2017	10-2017-7001715	11/17/2017	10-1801008

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PU070024-KR-PCT	organic	KR	1/11/2008	10-2009-7016670	12/9/2014	10-1473026
PU070024-US-CNT	organic	US	6/9/2014	14/299668	12/15/2015	9215456
PU070024-US-CNT[2]	organic	US	11/9/2015	14/936067	3/21/2017	9602824
PU070024-US-PCT	organic	US	1/11/2008	12/448868	7/22/2014	8787457
PU070029-CA-PCT	organic	CA	1/18/2008	2675131	11/10/2015	2675131
PU070029-CN-PCT	organic	CN	1/18/2008	200880002233.8	1/9/2013	ZL200880002233.8
PU070029-DE-EPT	organic	DE	1/18/2008	08724608.8	3/6/2013	602008022696.4
PU070029-FR-EPT	organic	FR	1/18/2008	08724608.8	3/6/2013	2126836
PU070029-JP-PCT	organic	JP	1/18/2008	2009-546430	4/5/2013	5237968
PU070029-KR-PCT	organic	KR	1/18/2008	10-2009-7015104	11/11/2014	10-1462696
PU070029-US-PCT	organic	US	1/18/2008	12/448966	9/10/2013	8532375
PU070031-AU-DIV	organic	AU	5/23/2012	2012203039	1/9/2014	2012203039
PU070031-BR-PCT	organic	BR	2/27/2007	PI0709167.2		
PU070031-CN-PCT	organic	CN	2/27/2007	200780011959.3	7/10/2013	ZL200780011959.3
PU070031-EP-EPT	organic	EP	2/27/2007	07751734.0		
PU070031-JP-DIV	organic	JP	6/18/2012	2012-136737	12/26/2014	5669273
PU070031-JP-DIV[2]	organic	JP	1/24/2013	2013-010944	3/8/2013	5213088
PU070031-JP-DIV[3]	organic	JP	3/7/2014	2014-044689	11/27/2015	5845299
PU070031-JP-PCT	organic	JP	2/27/2007	2009-502802	3/8/2013	5213064
PU070031-KR-PCT	organic	KR	2/27/2007	10-2008-7022720	1/13/2014	10-1353193
PU070031-MX-PCT	organic	MX	2/27/2007	MX/a/08/012382	7/25/2012	301742
PU070031-RU-PCT	organic	RU	2/27/2007	2008142774	7/27/2013	2488973
PU070031-US-PCT	organic	US	2/27/2007	12/224814	8/4/2015	9100659
PU070031-VN-PCT	organic	VN	2/27/2007	1-2008-02264	3/3/2015	13817
PU070031-ZA-PCT	organic	ZA	2/27/2007	2008/07142	2/24/2010	2008/07142
PU070056-BR-PCT	organic	BR	3/17/2008	PI0809210.9		
PU070056-CN-PCT	organic	CN	3/17/2008	200880010403.7	10/30/2013	ZL200880010403.7
PU070056-DE-EPT	organic	DE	3/17/2008	08726902.3	5/3/2017	602008050057.8
PU070056-FR-EPT	organic	FR	3/17/2008	08726902.3	5/3/2017	2135456
PU070056-GB-EPT	organic	GB	3/17/2008	08726902.3	5/3/2017	2135456
PU070056-IT-EPT	organic	IT	3/17/2008	08726902.3	5/3/2017	502017000056787
PU070056-JP-DIV	organic	JP	11/7/2012	2012-245139	6/13/2014	5558545
PU070056-JP-DIV[2]	organic	JP	6/3/2014	2014-114534	1/6/2017	6066425
PU070056-JP-DIV[3]	organic	JP	11/17/2016	2016-224226		
PU070056-JP-PCT	organic	JP	3/17/2008	2010-502080	5/24/2013	5273824
PU070056-KR-PCT	organic	KR	3/17/2008	10-2009-7020719	7/4/2014	10-1418627
PU070056-NL-EPT	organic	NL	3/17/2008	08726902.3	5/3/2017	2135456
PU070056-TH-NP	organic	TH	3/28/2008	0801001621		
PU070056-TW-DIV	organic	TW	3/19/2012	101109389	9/21/2016	1551116
PU070056-TW-DIV[2]	organic	TW	3/19/2012	101109388	5/11/2016	1533669
PU070056-TW-NP	organic	TW	4/3/2008	097112372	1/1/2014	1422230

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PU070089-BR-PCT	organic	BR	3/20/2008	PI0809916.2		
PU070089-CN-PCT	organic	CN	3/20/2008	200880011753.5	7/10/2013	ZL200880011753.5
PU070089-EP-EPT	organic	EP	3/20/2008	08727011.2		
PU070089-JP-DIV	organic	JP	12/1/2014	2014-243045	11/20/2015	5840280
PU070089-JP-DIV[2]	organic	JP	11/9/2015	2015-219544	9/8/2017	6202690
PU070089-JP-PCT	organic	JP	3/20/2008	2010-503005	1/30/2015	5686594
PU070089-US-CNT	organic	US	10/9/2017	15/728338		
PU070089-US-PCT	organic	US	3/20/2008	12/450647	11/21/2017	9826243
PU070095-BR-PCT	organic	BR	4/14/2008	PI0809585.0		
PU070095-CN-PCT	organic	CN	4/14/2008	200880012062.7	9/11/2013	ZL200880012062.7
PU070095-EP-EPT	organic	EP	4/14/2008	08742877.7		
PU070095-JP-DIV	organic	JP	11/15/2012	2012-251431	2/14/2014	5475855
PU070095-JP-DIV[3]	organic	JP	5/10/2016	2016-094379	11/2/2017	6233984
PU070095-JP-PCT	organic	JP	4/14/2008	2010-504061	5/10/2013	5263901
PU070095-KR-DIV	organic	KR	9/15/2014	10-2014-7025781	6/20/2016	10-1633576
PU070095-KR-DIV[2]	organic	KR	7/8/2015	10-2015-7018319	5/23/2017	10-1741050
PU070095-KR-PCT	organic	KR	4/14/2008	10-2009-7020010	4/21/2016	10-1615967
PU070095-US-PCT	organic	US	4/14/2008	12/450584	6/24/2014	8761265
PU070128-BR-PCT	organic	BR	7/31/2007	PI0715507.7		
PU070128-CN-PCT	organic	CN	7/31/2007	200780028868.0	8/29/2012	ZL200780028868.0
PU070128-EP-EPT	organic	EP	7/31/2007	07836372.8		
PU070128-IN-PCT	organic	IN	7/31/2007	749/DELNP/09		
PU070128-JP-DIV[2]	organic	JP	4/1/2015	2015-074756		
PU070128-KR-PCT	organic	KR	7/31/2007	10-2009-7002021	6/2/2015	10-1526914
PU070128-US-PCD	organic	US	4/7/2017	15/482191		
PU070128-US-PCT	organic	US	7/31/2007	12/309496		
PU070148-US-PCT	organic	US	6/27/2007	12/452203	3/3/2015	8970636
PU070239-BR-DIV	organic	BR	9/16/2008	BR1220120219495		
PU070239-BR-DIV[2]	organic	BR	9/16/2008	BR1220120219509		
PU070239-BR-DIV[3]	organic	BR	9/16/2008	BR1220120219487		
PU070239-BR-DIV[4]	organic	BR	9/16/2008	BR1220120219460		
PU070239-BR-DIV[5]	organic	BR	9/16/2008	BR1220120219479		
PU070239-BR-PCT	organic	BR	9/16/2008	PI0817508.0		
PU070239-CN-DIV	organic	CN	9/16/2008	201610473867.8		
PU070239-CN-PCT	organic	CN	9/16/2008	200880119540.4	8/3/2016	ZL200880119540.4
PU070239-EP-EPT	organic	EP	9/16/2008	08838196.7		
PU070239-HK-FPR	organic	HK	3/13/2017	17102533.1		
PU070239-JP-PCT	organic	JP	9/16/2008	2010-527939	5/10/2013	5264920
PU070239-KR-PCT	organic	KR	9/16/2008	10-2010-7007168	1/31/2017	10-1703019

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PU070239-TW-DIV	organic	TW	7/11/2012	101124856	7/1/2013	1400957
PU070239-TW-DIV[2]	organic	TW	7/11/2012	101124857	7/1/2013	1400958
PU070239-TW-NP	organic	TW	10/3/2008	097138337	7/11/2013	1401966
PU070239-US-PCT	organic	US	9/16/2008	12/733979		
PU070243-BR-PCT	organic	BR	10/11/2007	PI0719860.4		
PU070243-CN-PCT	organic	CN	10/11/2007	200780039070.6	7/3/2013	ZL200780039070.6
PU070243-EP-EPT	organic	EP	10/11/2007	07852696.9		
PU070243-IN-PCT	organic	IN	10/11/2007	2133/DELNP/09		
PU070243-JP-PCT	organic	JP	10/11/2007	2009-533322	11/29/2013	5421113
PU070243-US-PCT	organic	US	10/11/2007	12/311918	9/27/2016	9456222
PU070247-BR-PCT	organic	BR	10/10/2008	PI0818344.9		
PU070247-CN-PCT	organic	CN	10/10/2008	200880111080.0	1/2/2013	ZL200880111080.0
PU070247-JP-DIV[2]	organic	JP	11/24/2015	2015-228648	4/6/2018	6318136
PU070247-KR-DIV	organic	KR	7/17/2014	10-2014-7019996	9/17/2015	10-1555327
PU070247-KR-PCT	organic	KR	10/10/2008	10-2010-7007666	9/18/2015	10-1555617
PU070247-US-PCT	organic	US	10/10/2008	12/734076	3/25/2014	8681855
PU070257-BR-PCT	organic	BR	10/15/2008	PI0818649.9		
PU070257-EP-EPT	organic	EP	10/15/2008	08839544.7		
PU070257-JP-DIV	organic	JP	4/14/2014	2014-083043	12/1/2017	6251627
PU070257-JP-PCT	organic	JP	10/15/2008	2010-529938	4/18/2014	5526032
PU070257-KR-DIV	organic	KR	6/20/2014	10-2014-7017034	12/15/2015	10-1579394
PU070257-KR-DIV[1]	organic	KR	10/28/2015	10-2015-7031116	11/24/2016	10-1681443
PU070257-KR-PCT	organic	KR	10/15/2008	10-2010-7008244	10/30/2015	10-1566564
PU070257-US-PCT	organic	US	10/15/2008	12/734151		
PU070269-CN-PCT	organic	CN	11/1/2007	200780101374.0	5/8/2013	ZL200780101374.0
PU070269-DE-EPT	organic	DE	11/1/2007	07853057.3	1/10/2018	2206270
PU070269-FR-EPT	organic	FR	11/1/2007	07853057.3	1/10/2018	2206270
PU070269-GB-EPT	organic	GB	11/1/2007	07853057.3	1/10/2018	2206270
PU070269-JP-PCT	organic	JP	11/1/2007	2010-531997	6/20/2014	5562861
PU070269-KR-PCT	organic	KR	11/1/2007	10-2010-7009089	4/22/2014	10-1389908
PU070269-US-PCT	organic	US	11/1/2007	12/739970	3/12/2013	8395990
PU070307-BR-PCT	organic	BR	1/31/2008	PI0821678.9		
PU070307-CN-PCT	organic	CN	1/31/2008	200880125875.7	4/10/2013	ZL200880125875.7
PU070307-EP-EPT	organic	EP	1/31/2008	08709748.1		
PU070307-JP-PCT	organic	JP	1/31/2008	2010-544796	9/12/2014	5611054
PU070307-KR-PCT	organic	KR	1/31/2008	10-2010-7016471	9/19/2014	10-1444834
PU080045-BR-PCT	organic	BR	4/23/2009	PI0911672.9		
PU080045-CN-DIV	organic	CN	4/1/2013	201310110392.2	4/26/2017	ZL201310110392.2
PU080045-CN-DIV[2]	organic	CN	4/1/2013	201310110516.7	3/1/2017	ZL201310110516.7

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PU080045-CN-PCT	organic	CN	4/23/2009	200980114390.2	5/1/2013	ZL200980114390.2
PU080045-EP-EPT	organic	EP	4/23/2009	09736045.7		
PU080045-JP-PCT	organic	JP	4/23/2009	2011-506294	8/23/2013	5346076
PU080045-KR-PCD	organic	KR	4/26/2016	10-2016-7011062	4/10/2017	10-1727311
PU080045-KR-PCT	organic	KR	4/23/2009	10-2010-7026341	4/27/2016	10-1617842
PU080045-US-PCT	organic	US	4/23/2009	12/736588	9/10/2013	8532410
PU080055-BR-PCT	organic	BR	4/7/2009	PI0910478.0		
PU080055-IN-PCT	organic	IN	4/7/2009	6997/DELNP/10		
PU080118-BR-PCT	organic	BR	7/23/2008	PI0816664.1		
PU080118-CN-PCT	organic	CN	7/23/2008	200880108611.0	8/14/2013	ZL200880108611.0
PU080118-EP-EPT	organic	EP	7/23/2008	08780292.2		
PU080118-JP-PCT	organic	JP	7/23/2008	2010-526883	6/14/2013	5291714
PU080118-KR-PCT	organic	KR	7/23/2008	10-2010-7006725	3/11/2014	10-1375506
PU080118-US-PCT	organic	US	7/23/2008	12/733571	11/13/2012	8311163
PU080125-BR-PCT	organic	BR	8/8/2008	PI0822999.6		
PU080125-CN-PCT	organic	CN	8/8/2008	200880130700.5	12/4/2013	ZL200880130700.5
PU080125-DE-EPT	organic	DE	8/8/2008	08795142.2	12/28/2016	602008048152.2
PU080125-FR-EPT	organic	FR	8/8/2008	08795142.2	12/28/2016	2311007
PU080125-GB-EPT	organic	GB	8/8/2008	08795142.2	12/28/2016	2311007
PU080125-IT-EPT	organic	IT	8/8/2008	08795142.2	12/28/2016	502017000016003
PU080125-JP-PCT	organic	JP	8/8/2008	2011-522034	5/24/2013	5276170
PU080125-KR-PCT	organic	KR	8/8/2008	10-2011-7002878	9/5/2014	10-1441175
PU080125-NL-EPT	organic	NL	8/8/2008	08795142.2	12/28/2016	2311007
PU080133-DE-EPT	organic	DE	1/29/2009	09788694.9	3/29/2017	602009045105.7
PU080133-FR-EPT	organic	FR	1/29/2009	09788694.9	3/29/2017	2304955
PU080133-GB-EPT	organic	GB	1/29/2009	09788694.9	3/29/2017	2304955
PU080133-US-PCT	organic	US	1/29/2009	12/737556	11/12/2013	8582644
PU080155-BR-DIV	organic	BR	8/29/2012	BR122012021796.4		
PU080155-BR-DIV[2]	organic	BR	8/29/2012	BR1220120218014		
PU080155-BR-DIV[3]	organic	BR	8/29/2012	BR1220120217999		
PU080155-BR-DIV[4]	organic	BR	8/29/2012	BR1220120217972		
PU080155-BR-DIV[5]	organic	BR	8/29/2012	BR1220120217980		
PU080155-BR-PCT	organic	BR	9/16/2008	PI0817420.2		
PU080155-CN-DIV	organic	CN	9/16/2008	201610151429.X		
PU080155-EP-EPT	organic	EP	9/16/2008	08837725.4		
PU080155-HK-FPR	organic	HK	1/11/2017	17100330.0		
PU080155-JP-PCT	organic	JP	9/16/2008	2010-527938	5/10/2013	5264919

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PU080155-KR-DIV	organic	KR	7/7/2015	10-2015-7018128	11/28/2016	10-1682322
PU080155-KR-PCT	organic	KR	9/16/2008	10-2010-7009367	10/1/2015	10-1558627
PU080155-TW-DIV	organic	TW	7/9/2012	101124667	4/11/2016	I530195
PU080155-TW-DIV[2]	organic	TW	7/9/2012	101124666	2/1/2016	I520616
PU080155-TW-NP	organic	TW	10/3/2008	097138338	1/11/2016	I517718
PU080178-CN-PCT	organic	CN	11/10/2009	200980145291.0	10/8/2014	ZL200980145291.0
PU080178-EP-EPT	organic	EP	11/10/2009	09826410.4		
PU080178-JP-PCT	organic	JP	11/10/2009	2011-536315	7/18/2014	5579730
PU080199-EP-EPT	organic	EP	12/16/2009	09845922.5		
PU080199-US-PCT	organic	US	12/16/2009	13/143296	12/16/2014	8913105
PU080205-US-PCT	organic	US	12/21/2009	13/138042	10/21/2014	8867613
PU090010-AU-PCT	organic	AU	1/26/2010	2010206977	6/9/2016	2010206977
PU090010-BR-PCT	organic	BR	1/26/2010	PI1007163.6		
PU090010-CN-DIV	organic	CN	3/30/2015	201510144762.3	6/1/2018	ZL201510144762.3
PU090010-CN-DIV[2]	organic	CN	3/30/2015	201510145627.0	2/9/2018	ZL201510145627.0
PU090010-CN-DIV[3]	organic	CN	3/30/2015	201510144003.7	1/2/2018	ZL201510144003.7
PU090010-CN-DIV[4]	organic	CN	3/30/2015	201510145697.6	6/1/2018	ZL201510145697.6
PU090010-CN-PCT	organic	CN	1/26/2010	201080013860.9	4/29/2015	ZL201080013860.9
PU090010-EP-EPT	organic	EP	1/26/2010	10701751.9		
PU090010-IN-PCT	organic	IN	1/26/2010	5694/DELNP/11		
PU090010-JP-DIV	organic	JP	1/22/2016	2016-010304	7/21/2017	6176871
PU090010-JP-PCT	organic	JP	1/26/2010	2011-547968	1/29/2016	5877065
PU090010-KR-PCT	organic	KR	1/26/2010	10-2011-7019803	11/8/2016	10-1676059
PU090010-RU-DIV	organic	RU	1/28/2015	2015102754		
PU090010-RU-PCT	organic	RU	1/26/2010	2011135541	3/10/2015	2543954
PU090010-US-CNT	organic	US	4/15/2015	14/687481	8/16/2016	9420310
PU090010-US-PCT	organic	US	1/26/2010	13/138267	5/19/2015	9036714
PU090010-ZA-PCT	organic	ZA	1/26/2010	2011/04938	10/31/2012	2011/04938
PU090013-BR-PCD	organic	BR	10/21/2009	BR1220150159105		
PU090013-BR-PCT	organic	BR	10/21/2009	PI0924044.6		
PU090013-CN-PCT	organic	CN	10/21/2009	200980155457.7	9/9/2015	ZL200980155457.7
PU090013-EP-ETD	organic	EP	9/18/2015	15185858.6		
PU090013-HK-FPR	organic	HK	8/29/2016	16110260.4		
PU090013-JP-DIV	organic	JP	12/1/2015	2015-234536		
PU090013-KR-DIV	organic	KR	9/27/2017	10-2017-7027459		
PU090013-US-CNT	organic	US	5/29/2015	14/726389		
PU090013-US-PCT	organic	US	10/21/2009	13/138287	6/2/2015	9049443
PU090026-US-PCT	organic	US	11/23/2009	13/138335	6/23/2015	9066075
PU090045-JP-PCT	organic	JP	4/30/2010	2012-508487	9/19/2014	5614900
PU090049-JP-PCT	organic	JP	4/30/2010	2012-508488	9/19/2014	5614901

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PU090058-CN-PCD	organic	CN	7/1/2010	201710485279.0		
PU090058-CN-PCT	organic	CN	7/1/2010	201080030792.7		
PU090058-EP-EPT	organic	EP	7/1/2010	10743255.1		
PU090058-JP-DIV	organic	JP	4/13/2015	2015-082019		
PU090058-JP-PCT	organic	JP	7/1/2010	2012-519538	4/17/2015	5732454
PU090058-KR-PCT	organic	KR	7/1/2010	10-2012-7000521		
PU090058-US-PCT	organic	US	7/1/2010	13/382394	8/15/2017	9736500
PU090066-US-PCT	organic	US	2/9/2010	13/379771	9/29/2015	9148673
PU090082-AT-EPT	organic	AT	6/29/2010	10743254.4	12/6/2017	2449782
PU090082-BE-EPT	organic	BE	6/29/2010	10743254.4	12/6/2017	2449782
PU090082-CH-EPT	organic	CH	6/29/2010	10743254.4	12/6/2017	2449782
PU090082-CN-DIV	organic	CN	5/13/2015	201510242289.2		
PU090082-CN-DIV[10]	organic	CN	5/13/2015	201510242274.6		
PU090082-CN-DIV[2]	organic	CN	5/13/2015	201510242361.1		
PU090082-CN-PCT	organic	CN	6/29/2010	201080038907.7	6/10/2015	ZL201080038907.7
PU090082-CZ-EPT	organic	CZ	6/29/2010	10743254.4	12/6/2017	2449782
PU090082-DE-EPT	organic	DE	6/29/2010	10743254.4	12/6/2017	602010047170.5
PU090082-DK-EPT	organic	DK	6/29/2010	10743254.4	12/6/2017	2449782
PU090082-EP-ETD	organic	EP	9/20/2017	17192048.1		
PU090082-ES-EPT	organic	ES	6/29/2010	10743254.4	12/6/2017	2449782
PU090082-FI-EPT	organic	FI	6/29/2010	10743254.4	12/6/2017	2449782
PU090082-FR-EPT	organic	FR	6/29/2010	10743254.4	12/6/2017	2449782
PU090082-GB-EPT	organic	GB	6/29/2010	10743254.4	12/6/2017	2449782
PU090082-GR-EPT	organic	GR	6/29/2010	10743254.4	12/6/2017	2449782
PU090082-HK-FPD	organic	HK	2/2/2016	16101202.4		
PU090082-HK-FPR	organic	HK	1/21/2016	16100678.1		
PU090082-HU-EPT	organic	HU	6/29/2010	10743254.4	12/6/2017	2449782
PU090082-IT-EPT	organic	IT	6/29/2010	10743254.4	12/6/2017	502018000003699
PU090082-JP-DIV	organic	JP	4/6/2016	2016-076639		
PU090082-JP-DIV[2]	organic	JP	7/3/2018	2018-126804		
PU090082-JP-PCT	organic	JP	6/29/2010	2012-517501	4/15/2016	5918128
PU090082-KR-PCD	organic	KR	1/26/2017	10-2017-7002582		
PU090082-KR-PCD[2]	organic	KR	12/28/2017	10-2017-7037806		
PU090082-NL-EPT	organic	NL	6/29/2010	10743254.4	12/6/2017	2449782
PU090082-PL-EPT	organic	PL	6/29/2010	10743254.4	12/6/2017	2449782
PU090082-PT-EPT	organic	PT	6/29/2010	10743254.4	12/6/2017	2449782
PU090082-RO-EPT	organic	RO	6/29/2010	10743254.4	12/6/2017	2449782
PU090082-SE-EPT	organic	SE	6/29/2010	10743254.4	12/6/2017	2449782
PU090082-SK-EPT	organic	SK	6/29/2010	10743254.4	12/6/2017	2449782
PU090082-TR-EPT	organic	TR	6/29/2010	10743254.4	12/6/2017	2449782
PU090082-US-CNT	organic	US	11/8/2017	15/806893		
PU090082-US-PCT	organic	US	6/29/2010	13/381538		

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PU090088-CN-DIV	organic	CN	6/23/2010	201610348269.8		
PU090088-CN-PCT	organic	CN	6/23/2010	201080029933.3	6/29/2016	ZL201080029933.3
PU090088-EP-EPT	organic	EP	6/23/2010	10730587.2		
PU090088-HK-FPR	organic	HK	1/24/2017	17100902.8		
PU090088-JP-DIV	organic	JP	8/7/2015	2015-156658		
PU090088-JP-DIV[2]	organic	JP	12/8/2017	2017-235776		
PU090088-KR-DIV	organic	KR	10/10/2017	10-2017-7028578		
PU090088-KR-PCT	organic	KR	6/23/2010	10-2012-7002891		
PU090088-US-CNT	organic	US	4/4/2012	13/439006	5/23/2017	9661336
PU090088-US-CNT[2]	organic	US	6/23/2016	15/190827	7/24/2018	10034006
PU090088-US-CNT[3]	organic	US	6/26/2018	16/018250		
PU090088-US-PCT	organic	US	6/23/2010	13/381149	4/11/2017	9621925
PU090094-CN-DIV	organic	CN	7/7/2010	201610258612.X		
PU090094-CN-DIV[2]	organic	CN	7/7/2010	201710581346.9		
PU090094-EP-EPT	organic	EP	7/7/2010	10737649.3		
PU090094-HK-FPR	organic	HK	1/20/2017	17100765.4		
PU090094-JP-PCT	organic	JP	7/7/2010	2012-519541	2/27/2015	5702378
PU090094-KR-DIV	organic	KR	10/13/2017	10-2017-7029604		
PU090094-KR-PCT	organic	KR	7/7/2010	10-2012-7003260	10/13/2017	10-1788292
PU090094-US-CNT	organic	US	7/18/2017	15/652598		
PU090094-US-PCT	organic	US	7/7/2010	13/382800	8/22/2017	9743081
PU090108-CN-DIV	organic	CN	9/23/2015	201510613526.1		
PU090108-CN-DIV[10]	organic	CN	9/23/2015	201510614221.2		
PU090108-CN-DIV[2]	organic	CN	9/23/2015	201510613530.8		
PU090108-CN-DIV[3]	organic	CN	9/23/2015	201510613553.9		
PU090108-CN-DIV[4]	organic	CN	9/23/2015	201510614278.2		
PU090108-CN-DIV[5]	organic	CN	9/23/2015	201510613551.X		
PU090108-CN-DIV[6]	organic	CN	9/23/2015	201510614276.3		
PU090108-CN-DIV[7]	organic	CN	9/23/2015	201510614279.7		
PU090108-CN-DIV[8]	organic	CN	9/23/2015	201510613536.5		
PU090108-CN-DIV[9]	organic	CN	9/23/2015	201510613539.9		
PU090108-CN-PCT	organic	CN	8/11/2010	201080045914.X	11/25/2015	ZL201080045914.X
PU090108-EP-EPT	organic	EP	8/11/2010	10760462.1		
PU090108-HK-FPD	organic	HK	5/31/2016	16106143.5		

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PU090108-HK-FPD[2]	organic	HK	5/31/2016	16106144.4		
PU090108-HK-FPD[3]	organic	HK	7/19/2016	16108522.2		
PU090108-HK-FPD[4]	organic	HK	5/31/2016	16106145.3		
PU090108-HK-FPD[5]	organic	HK	5/31/2016	16106146.2		
PU090108-HK-FPD[6]	organic	HK	5/31/2016	16106147.1		
PU090108-HK-FPD[7]	organic	HK	5/31/2016	16106148.0		
PU090108-HK-FPD[8]	organic	HK	5/31/2016	16106149.9		
PU090108-HK-FPD[9]	organic	HK	5/31/2016	16106150.5		
PU090108-HK-FPR	organic	HK	5/31/2016	16106142.6		
PU090108-JP-DIV	organic	JP	2/1/2016	2016-017009	4/27/2018	6329186
PU090108-JP-DIV[2]	organic	JP	4/19/2018			
PU090108-KR-PCT	organic	KR	8/11/2010	10-2012-7003676		
PU090108-US-PCT	organic	US	8/11/2010	13/389872		
PU090137-BR-PCT	organic	BR	10/21/2009	PI0924155.8		
PU090137-CN-PCT	organic	CN	10/21/2009	200980155458.1	12/2/2015	ZL200980155458.1
PU090137-JP-DIV	organic	JP	10/21/2009	2015-238095		
PU090137-JP-DIV[2]	organic	JP	1/31/2018	2018-015101		
PU090137-KR-DIV	organic	KR	10/21/2009	10-2017-7028025	2/27/2018	10-1834825
PU090137-US-PCT	organic	US	10/21/2009	13/138088	10/13/2015	9161031
PU090155-CN-PCT	organic	CN	10/6/2010	201080058946.3	5/4/2016	ZL201080058946.3
PU090155-DE-EPT	organic	DE	10/6/2010	10776445.8	1/10/2018	602010047981.1
PU090155-EP-ETD	organic	EP	12/13/2017	17207038.5		
PU090155-FR-EPT	organic	FR	10/6/2010	10776445.8	1/10/2018	2491718
PU090155-GB-EPT	organic	GB	10/6/2010	10776445.8	1/10/2018	2491718
PU090155-JP-DIV	organic	JP	8/31/2015	2015-170199		
PU090155-JP-DIV[2]	organic	JP	2/15/2018	2018-024692		
PU090155-JP-PCT	organic	JP	10/6/2010	2012-535185	9/11/2015	5805097
PU090155-KR-PCT	organic	KR	10/6/2010	10-2012-7009875	4/28/2017	10-1733612
PU090155-NL-EPT	organic	NL	10/6/2010	10776445.8	1/10/2018	2491718
PU090155-US-PCT	organic	US	10/6/2010	13/503210	3/1/2016	9277227
PU090176-CN-DIV	organic	CN	1/28/2010	201610566114.1		
PU090176-EP-EPT	organic	EP	1/28/2010	10705934.7		
PU090176-JP-PCT	organic	JP	1/28/2010	2012-551135	1/6/2017	6067378
PU090176-KR-PCT	organic	KR	1/28/2010	10-2012-7022427	5/4/2017	10-1734835
PU090176-US-DIV	organic	US	3/27/2015	14/670688	4/5/2016	9306708
PU100023-EP-EPT	organic	EP	3/22/2010	10719959.8		
PU100023-US-PCT	organic	US	3/22/2010	13/635169	9/22/2015	9143758
PU100026-CN-PCT	organic	CN	4/30/2010	201080029607.2	8/17/2016	ZL201080029607.2

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PU100026-EP-EPT	organic	EP	4/30/2010	10725298.3		
PU100026-JP-PCT	organic	JP	4/30/2010	2012-508489	9/19/2014	5614902
PU100026-KR-PCT	organic	KR	4/30/2010	10-2011-7026068	12/26/2016	10-1691572
PU100026-US-PCT	organic	US	4/30/2010	13/318418	4/10/2018	9942558
PU100043-US-NP	organic	US	2/18/2011	12/932167	5/13/2014	8724710
PU100075-CN-PCT	organic	CN	3/31/2011	201180071337.6	7/14/2017	ZL201180071337.6
PU100075-DE-EPT	organic	DE	3/31/2011	11716330.3	8/16/2017	602011040595.0
PU100075-FR-EPT	organic	FR	3/31/2011	11716330.3	8/16/2017	2692136
PU100075-GB-EPT	organic	GB	3/31/2011	11716330.3	8/16/2017	2692136
PU100075-IT-EPT	organic	IT	3/31/2011	11716330.3	8/16/2017	502017000102427
PU100075-JP-PCT	organic	JP	3/31/2011	2014-502517	10/2/2015	5815113
PU100075-KR-PCT	organic	KR	3/31/2011	10-2013-7028816		
PU100075-NL-EPT	organic	NL	3/31/2011	11716330.3	8/16/2017	2692136
PU100075-US-PCT	organic	US	3/31/2011	14/008366		
PU100095-BR-PCT	organic	BR	5/11/2010	BR1120120277707		
PU100095-CN-DIV	organic	CN	12/3/2015	201510882570.2	7/7/2017	ZL201510882570.2
PU100095-CN-PCT	organic	CN	5/11/2010	201080066655.9	11/25/2015	ZL201080066655.9
PU100095-DE-EPT	organic	DE	5/11/2010	10725300.7	7/8/2015	602010025727.4
PU100095-FR-EPT	organic	FR	5/11/2010	10725300.7	7/8/2015	2569950
PU100095-JP-PCT	organic	JP	5/11/2010	2013-510051	2/13/2015	5695186
PU100095-KR-PCT	organic	KR	5/11/2010	10-2012-7029530	1/10/2017	10-1696918
PU100095-US-PCT	organic	US	5/11/2010	13/642727	6/24/2014	8761541
PU100121-CA-PCT	organic	CA	5/13/2011	2798231		
PU100121-CN-DIV	organic	CN	5/13/2011	201810005210.8		
PU100121-CN-PCT	organic	CN	5/13/2011	201180023795.2	2/2/2018	ZL201180023795.2
PU100121-EP-EPT	organic	EP	5/13/2011	11725545.5		
PU100121-JP-DIV	organic	JP	8/25/2015	2015-165682		
PU100121-JP-PCT	organic	JP	5/13/2011	2013-510084	10/14/2016	6023044
PU100121-KR-PCT	organic	KR	5/13/2011	10-2012-7029730		
PU100121-MX-DIV	organic	MX	7/21/2014	MX/a/14/008826	7/13/2015	331531
PU100121-MX-DIV[2]	organic	MX	7/21/2014	MX/a/14/008824	7/13/2015	331530
PU100121-MX-DIV[3]	organic	MX	7/21/2014	MX/a/14/008823	7/13/2015	331529
PU100121-MX-DIV[4]	organic	MX	7/10/2015	MX/a/15/008984	8/23/2016	341507
PU100121-MX-PCT	organic	MX	5/13/2011	MX/a/12/013263	7/22/2015	331792
PU100121-MY-PCT	organic	MY	5/13/2011	PI2012004683		
PU100121-RU-PCT	organic	RU	5/13/2011	2012154190	8/27/2016	2595515
PU100121-US-PCT	organic	US	5/13/2011	13/697562		

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PU100125-US-CNT	organic	US	6/13/2018	16/006914		
PU100125-US-DIV	organic	US	10/17/2016	15/295354	7/10/2018	10021412
PU100125-US-PCT	organic	US	5/17/2011	13/698468	11/29/2016	9510009
PU100130-AU-PCT	organic	AU	6/8/2011	2011264896	12/10/2015	2011264896
PU100130-BR-PCT	organic	BR	6/8/2011	BR1120120311603		
PU100130-CA-PCT	organic	CA	6/8/2011	2801409		
PU100130-CN-DIV	organic	CN	6/8/2011	201610907014.0		
PU100130-CN-PCT	organic	CN	6/8/2011	201180039208.9	11/9/2016	ZL201180039208.9
PU100130-EP-EPT	organic	EP	6/8/2011	11727593.3		
PU100130-EP-ETD	organic	EP	7/19/2017	17182141.6		
PU100130-HK-FPR	organic	HK	12/10/2013	13113711.6	2/2/2018	1186609
PU100130-ID-PCT	organic	ID	6/8/2011	W00201205080	4/18/2017	IDP000045470
PU100130-JP-DIV	organic	JP	3/9/2016	2016-045330	9/15/2017	6209235
PU100130-JP-DIV[2]	organic	JP	9/6/2017	2017-170780		
PU100130-JP-PCT	organic	JP	6/8/2011	2013-514328	4/28/2016	5924823
PU100130-KR-DIV	organic	KR	1/18/2018	10-2018-7001691		
PU100130-KR-PCT	organic	KR	6/8/2011	10-2013-7000630	1/19/2018	10-1822214
PU100130-MX-DIV	organic	MX	1/9/2015	MX/a/15/000445	5/17/2016	339232
PU100130-MX-DIV[2]	organic	MX	5/13/2016	MX/a/16/006314		
PU100130-MX-DIV[3]	organic	MX	2/16/2016	MX/a/16/002080		
PU100130-MX-PCT	organic	MX	6/8/2011	MX/a/12/014478	1/12/2015	326948
PU100130-MY-DIV	organic	MY	12/9/2015	PI2015002901		
PU100130-MY-NP	organic	MY	11/23/2012	PI2012005082	5/31/2017	MY-162191-A
PU100130-RU-PCT	organic	RU	6/8/2011	2013100174	9/10/2016	2597510
PU100130-US-CNT	organic	US	12/16/2015	14/971394	8/29/2017	9749631
PU100130-US-CNT[2]	organic	US	7/20/2017	15/654823		
PU100130-US-PCT	organic	US	6/8/2011	13/702519	1/12/2016	9235774
PU100130-VN-DIV	organic	VN	5/8/2018	1-2018-01955		
PU100130-VN-PCT	organic	VN	6/8/2011	1-2013-00059		
PU100130-ZA-DIV	organic	ZA	7/28/2015	2015/05439		
PU100130-ZA-DIV[2]	organic	ZA	11/2/2017	2017/07434		
PU100130-ZA-PCT	organic	ZA	6/8/2011	2012/09077	3/30/2016	2012/09077
PU100170-US-NP	organic	US	12/8/2010	12/928305	4/8/2014	8693535
PU100192-US-PCT	organic	US	8/31/2011	13/822031	1/30/2018	9883161
PU100193-CN-PCT	organic	CN	9/9/2011	201180054419.X	5/11/2016	ZL201180054419.X
PU100193-EP-EPT	organic	EP	9/9/2011	11757723.9		
PU100193-JP-PCT	organic	JP	9/9/2011	2013-528307	3/25/2016	5905889
PU100193-KR-PCT	organic	KR	9/9/2011	10-2013-7009080	4/30/2018	10-1855542
PU100193-US-PCT	organic	US	9/9/2011	13/821257		
PU100194-BR-PCT	organic	BR	9/9/2011	BR1120130053160		

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PU100194-CN-PCT	organic	CN	9/9/2011	201180043595.3	2/15/2017	ZL201180043595.3
PU100194-EP-EPT	organic	EP	9/9/2011	11758317.9		
PU100194-JP-PCT	organic	JP	9/9/2011	2013-528309	1/6/2017	6067563
PU100194-KR-PCT	organic	KR	9/9/2011	10-2013-7009098		
PU100194-US-PCT	organic	US	9/9/2011	13/821270		
PU100197-US-PCT	organic	US	9/9/2011	13/821393	1/10/2017	9544598
PU100199-CN-DIV	organic	CN	10/5/2011	201810367091.0		
PU100199-CN-PCT	organic	CN	10/6/2011	201180060451.9		
PU100199-EP-EPT	organic	EP	10/6/2011	11770644.0		
PU100199-JP-DIV	organic	JP	5/19/2017	2017-099464		
PU100199-JP-PCT	organic	JP	10/6/2011	2013-533883		
PU100199-KR-DIV	organic	KR	6/29/2018	10-2018-7018637		
PU100199-KR-PCT	organic	KR	10/6/2011	10-2013-7009475		
PU100199-US-CNT	organic	US	5/23/2017	15/602482	11/28/2017	9832486
PU100199-US-CNT[2]	organic	US	10/24/2017	15/791470		
PU100199-US-PCT	organic	US	10/6/2011	13/879378	6/27/2017	9693056
PU100200-AU-PCT	organic	AU	11/16/2012	2012394396		
PU100200-BR-PCT	organic	BR	11/16/2012	BR1120150112196		
PU100200-CN-PCT	organic	CN	11/16/2012	201280077138.0		
PU100200-EP-EPT	organic	EP	11/16/2012	12791932.2		
PU100200-HK-FPR	organic	HK	3/22/2015	16103331.4		
PU100200-JP-DIV	organic	JP	1/16/2018	2018-004636		
PU100200-JP-PCT	organic	JP	11/16/2012	2015-543014	1/26/2018	6278972
PU100200-KR-PCT	organic	KR	11/16/2012	1-2015-7012158		
PU100200-US-PCT	organic	US	11/16/2012	14/439706	6/13/2017	9679365
PU100200-VN-PCT	organic	VN	11/16/2012	1-2015-01756		
PU100266-BR-PCT	organic	BR	9/9/2011	BR1120130041072		
PU100266-CN-PCT	organic	CN	9/9/2011	201180043275.8	9/7/2016	ZL201180043275.8
PU100266-EP-EPT	organic	EP	9/9/2011	11757722.1		
PU100266-KR-PCT	organic	KR	9/9/2011	10-2013-7006098		
PU100266-US-PCT	organic	US	9/9/2011	13/821078		
PU140088-CN-PCT	organic	CN	5/5/2015	201580036846.3		
PU140088-EP-EPT	organic	EP	5/5/2015	15724137.3		
PU140088-JP-PCT	organic	JP	5/5/2015	2016-569930		
PU140088-KR-PCT	organic	KR	5/5/2015	2016-7033693		
PU140088-US-PCT	organic	US	5/5/2015	15/315152		
PU150007-WO-PCT	organic	WO	6/28/2016	PCT/US16/039914		
PU150063-CN-PCT	organic	CN	11/18/2015	PCT/US15/061322		

<u>Case Reference</u>	<u>Acquired Video Coding Patent vs. Organic</u>	<u>Country</u>	<u>Filing Date</u>	<u>Serial Number</u>	<u>Issue Date</u>	<u>Patent Number</u>
PU150063-EP-EPT	organic	EP	11/18/2015	15801970.3		
PU150063-JP-PCT	organic	JP	11/18/2015	2018-525751		
PU150063-KR-PCT	organic	KR	11/18/2015	10-2018-7016704		
PU150063-US-PCT	organic	US	11/18/2015	15/777195		
PU150071-US-PCT	organic	US	12/29/2015	16/066183		
PU150071-WO-PCT	organic	WO	12/29/2015	PCT/US15/067896		
PU170031-US-PSPF	organic	US	9/8/2017	62/555710		
RCA88498-US-NP	organic	US	8/27/1998	09/140993	3/20/2001	6205250
RCA89437-CN-PCT	organic	CN	12/17/1998	98812140.9	3/21/2004	ZL98812140.9
RCA89437-JP-PCT	organic	JP	12/17/1998	2000-526045	10/10/2008	4197092
RCA89437-KR-PCT	organic	KR	12/17/1998	10-2000-7006063	3/21/2006	10-0564838
RCA89449-US-NP	organic	US	1/28/2000	09/494030	9/16/2003	6621866
PF180056-EP-IPA	organic	US	3/30/2018	18305386.7		
PF180057-EP-IPA	organic	US	3/30/2018	18305387.5		

Below is a list of invention disclosures which will be transferred to VCP Purchaser at Closing pursuant to Section 2.1 of the Agreement. For the avoidance of doubt, the invention disclosures below do not constitute Video Coding Patents for purposes of Article V of the Agreement.

<u>Patent Project</u>	<u>Related Families</u>	<u>Project of Origin</u>	<u>Technical Field</u>	<u>Title</u>
IF170374	None	RI-TL-004 - HDR & Color for STB/TV	VC - High Dynamic Range (HDR)	Chroma injection value filtering and clipping for backward compatible HDR distribution
IF170440	None	RI-IPL-001 - HDR standards	VC - High Dynamic Range (HDR)	Display adaptation driven by reference white of presentation display
IF170454	PF180123	RI-IPL-001 - HDR standards	IP - Image Enhancement - Automatic enhancement and filtering	Flexible display mapping (for HMD)
IF180030	PF180120	RI-IPL-003 - Immersive formats	IP - Picture In/Out Picture	Isotropic Region Guided Mapping for 360° and Volumetric Videos
IF180040	None	RI-PL-096 - HDR Ecosystem Enrichment	VC - High Dynamic Range (HDR)	Prevent clipping in an integer implementation of a SL-HDRx post-processor
IF180042	None	RI-PL-096 - HDR Ecosystem Enrichment	IP - Color - Color Transform - Generic	Inverse color transform workflow
IF180082	None	RI-PL-095 - Deep compression	VC - Video layer - Not Categorized or Generic	Generative Friendly Network for image/video compression
IF180093	PF180128	RI-PL-063 - Point Cloud Compression	VC - Next Generation	Interpolation RDO per region in TMC2
IF180094	PF180129	RI-PL-063 - Point Cloud Compression	VC - Next Generation	Force Minimum Depth 1 Interpolation Mode

Patent Project	Related Families	Project of Origin	Technical Field	Title
IF180095	PF180131;PF180132	RI-IPL-003 - Immersive formats	VC - Next Generation	6DoF video from multiple 3DoF+
IF180097	None	RI-PL-063 - Point Cloud Compression	VC - Next Generation	Occupancy Map Optimization by reducing small region
IF170338	PF180099	RI-TL-004 - HDR & Color for STB/TV	IP - Image Enhancement - HDR	Up-conversion management
IF170424	PF180046	RI-TL-004 - HDR & Color for STB/TV	IP - Image Enhancement - HDR	Inverse tone mapping adapted to image content changes inside a long shot video take
IF180107	PF180138	RI-PL-096 - HDR Ecosystem Enrichment	VC - High Dynamic Range (HDR)	Medium Dynamic Range distribution