

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6064054

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
2236008 ONTARIO INC.	02/21/2020
RECEIVING PARTY DATA	
Name:	BLACKBERRY LIMITED
Street Address:	2200 UNIVERSITY AVENUE EAST
City:	WATERLOO
State/Country:	ONTARIO
Postal Code:	N2K 0A7
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16456150
CORRESPONDENCE DATA	
Fax Number:	(519)883-4935
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	519-597-8056
Email:	patentformaldocs@blackberry.com
Correspondent Name:	BLACKBERRY LIMITED - KRISTA
Address Line 1:	2200 UNIVERSITY AVENUE E.
Address Line 4:	WATERLOO, CANADA N2K 0A7
ATTORNEY DOCKET NUMBER:	50881-1
NAME OF SUBMITTER:	KRISTA LUFT
SIGNATURE:	/krista luft/
DATE SIGNED:	04/16/2020
Total Attachments: 50	
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EXHIBIT A

Confirmatory Assignment

WHEREAS, 2236008 ONTARIO INC., having a place of business at 2200 University Avenue East, Waterloo, Ontario, N2K 0A7, hereinafter called the “**Transferor**”, is the owner of all right, title, and interest in the patents and pending patent applications identified in Schedule A-1 attached hereto (“**Assigned Properties**”); and

WHEREAS, BLACKBERRY LIMITED, having a place of business at 2200 University Avenue East, Waterloo, Ontario, N2K 0A7, herein after called the “**Transferee**”, has acquired all right, title, and interest in and to the Assigned Properties and all inventions therein disclosed pursuant to a General Conveyance & Dissolution Agreement between the Transferor and the Transferee dated February 21, 2020 (the “Dissolution Agreement”) in connection with the wind-up and dissolution of the Transferor;

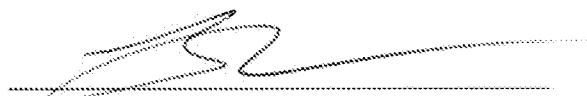
NOW THEREFORE, pursuant to the terms and conditions of the Dissolution Agreement, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by the Transferor and Transferee, the Transferor hereby confirms that it has sold, assigned, transferred and set over unto the Transferee, its successors and assigns, the Transferor’s entire right, title, and interest in, to, and under the Assigned Properties.

The Transferor, on behalf of itself and its successors, assigns, other legal representatives, does hereby authorize the Purchaser, its successors, assigns, nominees or other legal representatives to amend the present Confirmatory Assignment to insert or correct any identifying information of the Assigned Properties as may be needed to record same.

This Confirmatory Assignment may be executed in any number of counterparts, each of which when so executed and delivered shall be deemed an original, and such counterparts together shall constitute one and the same instrument. A facsimile copy of this Confirmatory Assignment, including the signature pages hereto, shall be deemed to be an original.

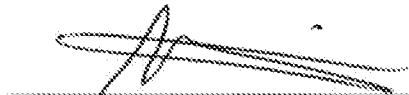
IN WITNESS WHEREOF, the parties have executed this Confirmatory Assignment effective as of February 21, 2020.

2236008 ONTARIO INC.



Name: Jay Chai
Title: President

BLACKBERRY LIMITED



Name: Steve Rai
Title: Chief Financial Officer

PATENT

REEL: 052413 FRAME: 0688

SCHEDULE A-1

Assigned Properties

PATENT

REEL: 052413 FRAME: 0689

SCHEDULE "A" to Confirmation and Assignment

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CA	2500428	March 11, 2005	38774-CA-PAT
CN	200510056958.3	March 24, 2005	38774-CN-PAT
EP	05006167.0	March 21, 2005	38774-EP-EPA
JP	2005-90248	March 25, 2005	38774-JP-PAT
KR	10-2005-0024064	March 23, 2005	38774-KR-PAT
US	10/902961	June 30, 2004	38774-US-CIP
US	12/124773	May 21, 2008	38774-US-DIV
US	09/579119	May 25, 2000	38774-US-PAT
US	11/336385	January 20, 2006	38777-US-CIP
US	11/336421	January 20, 2006	38777-US-CIP[2]
US	11/436965	May 16, 2006	38777-US-CNT
US	09/824252	April 3, 2001	38777-US-PAT
CA	2458427	February 18, 2004	38780-CA-PAT
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CN	200410004563.4	February 23, 2004	38780-CN-PAT
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EP	04003811.9	February 19, 2004	38780-EP-EPA
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FR	04003811.9	February 19, 2004	38780-FR-EPA
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JP	2004-045524	February 20, 2004	38780-JP-PAT
JP	2004-43727	February 11, 2004	38780-JP-PAT[2]
KR	10-2004-0011353	February 20, 2004	38780-KR-PAT
KR	10-2004-0011708	February 21, 2004	38780-KR-PAT[2]

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US	13/013358	January 25, 2011	38780-US-CNT[2]
US	13/601314	August 31, 2012	38780-US-CNT[3]
US	15/177807	June 9, 2016	38780-US-CNT[4]
US	10/410736	April 10, 2003	38780-US-PAT
US	60/449511	February 21, 2003	38780-US-PRV
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DE	05006440.1	March 23, 2005	38781-DE-EPA
EP	05006440.1	March 23, 2005	38781-EP-EPA
FR	05006440.1	March 23, 2005	38781-FR-EPA
GB	05006440.1	March 23, 2005	38781-GB-EPA
IT	05006440.1	March 23, 2005	38781-IT-EPA
JP	2005-85040	March 23, 2005	38781-JP-PAT
KR	10-2005-0024110	March 23, 2005	38781-KR-PAT
US	11/085825	March 21, 2005	38781-US-PAT
US	60/555582	March 23, 2004	38781-US-PRV
CA	2562981	October 6, 2006	38782-CA-PAT
CN	200610164614.9	October 10, 2006	38782-CN-PAT
EP	06021157.0	October 9, 2006	38782-EP-EPA
JP	2006-275577	October 6, 2006	38782-JP-PAT
KR	2006-0100851	October 17, 2006	38782-KR-PAT
US	11/252160	October 17, 2005	38782-US-CIP
CA	2529594	December 7, 2005	38783-CA-PAT
CN	200510003468.7	December 8, 2005	38783-CN-PAT
EP	05026904.2	December 8, 2005	38783-EP-EPA
JP	2005-353445	December 7, 2005	38783-JP-PAT
KR	10-2005-0119546	December 8, 2005	38783-KR-PAT
US	11/006935	December 8, 2004	38783-US-CIP
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JP	2006-189633	July 10, 2006	38785-JP-PAT
KR	10-2006-0068276	July 21, 2006	38785-KR-PAT
US	11/218742	September 2, 2005	38785-US-PAT
US	60/704065	July 28, 2005	38785-US-PRV
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US	12/940162	November 5, 2010	38787-US-CNT
US	13/326008	December 14, 2011	38787-US-CNT ^[2]
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US	14/166616	January 28, 2014	38787-US-CNT ^[4]
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EP	05025900.1	November 28, 2005	38788-EP-EPA
JP	2005-342213	November 28, 2005	38788-JP-PAT
KR	10-2005-0116299	December 1, 2005	38788-KR-PAT
US	11/002328	December 1, 2004	38788-US-PAT
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GB	06012166.2	June 13, 2006	38790-GB-EPA
JP	2006-164641	June 14, 2006	38790-JP-PAT
KR	10-2006-0055210	June 20, 2006	38790-KR-PAT
US	11/167955	June 28, 2005	38790-US-PAT
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JP	2007-524151	April 3, 2006	38806-JP-PCT
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US	11/804633	May 18, 2007	38806-US-CIP
US	12/079376	March 26, 2008	38806-US-CIP[2]
US	13/455886	April 25, 2012	38806-US-CNT
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GB	06012983.0	June 23, 2006	38813-GB-EPA
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KR	10-2006-0057098	June 23, 2006	38813-KR-PAT
US	11/173945	July 1, 2005	38813-US-PAT
CA	2571417	December 15, 2006	38814-CA-PAT
CN	200610169906.1	December 22, 2006	38814-CN-PAT
EP	06026073.4	December 15, 2006	38814-EP-EPA
JP	2006-338581	December 15, 2006	38814-JP-PAT
JP	2006-340603	December 18, 2006	38814-JP-PAT[2]
KR	10-2006-0129382	December 18, 2006	38814-KR-PAT
US	11/317762	December 23, 2005	38814-US-CIP
CA	2569221	November 29, 2006	38815-CA-PAT
CN	200610064755.3	November 29, 2006	38815-CN-PAT
DE	16160222.2	March 14, 2016	38815-DE-EPD
EP	06024650.1	November 28, 2006	38815-EP-EPA
EP	16160222.2	March 14, 2016	38815-EP-EPD
FR	16160222.2	March 14, 2016	38815-FR-EPD
GB	16160222.2	March 14, 2016	38815-GB-EPD
JP	2011-20254	February 1, 2011	38815-JP-DIV
JP	2006-321499	November 29, 2006	38815-JP-PAT
KR	10-2006-0119849	November 30, 2006	38815-KR-PAT
US	11/298053	December 9, 2005	38815-US-CIP
US	13/336149	December 23, 2011	38815-US-CNT
CA	2569223	November 29, 2006	38816-CA-PAT
DE	06024653.5	November 28, 2006	38816-DE-EPA
EP	06024653.5	November 28, 2006	38816-EP-EPA
FR	06024653.5	November 28, 2006	38816-FR-EPA
GB	06024653.5	November 28, 2006	38816-GB-EPA

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US	11/298052	December 9, 2005	38816-US-CIP
US	13/105612	May 11, 2011	38816-US-CNT
CA	2570750	December 11, 2006	38817-CA-PAT
CN	200610169950.2	December 25, 2006	38817-CN-PAT
EP	06025876.1	December 13, 2006	38817-EP-EPA
JP	2006-337366	December 14, 2006	38817-JP-PAT
KR	10-2006-0128363	December 15, 2006	38817-KR-PAT
US	11/317761	December 23, 2005	38817-US-PAT
CA	2593073	July 3, 2007	38818-CA-PAT
CN	200710140297.1	August 8, 2007	38818-CN-PAT
EP	07013138.8	June 1, 2010	38818-EP-EPA
IN	1757/CHE/2007	August 8, 2007	38818-IN-PAT
JP	2007-186333	July 17, 2007	38818-JP-PAT
KR	10-2007-72529	July 20, 2007	38818-KR-PAT
US	11/504948	August 16, 2006	38818-US-PAT
CA	2564573	October 18, 2006	38819-CA-PAT
CN	200610137126.9	October 20, 2006	38819-CN-PAT
EP	06021843.5	October 18, 2006	38819-EP-EPA
IN	1932/CHE/2006	October 20, 2006	38819-IN-PAT
JP	2006-285172	October 19, 2006	38819-JP-PAT
KR	10-2008-0070978	July 22, 2008	38819-KR-DIV
KR	10-2006-0102205	October 20, 2006	38819-KR-PAT
US	11/262384	October 28, 2005	38819-US-PAT
US	12/041302	March 3, 2008	38820-US-PAT
CA	2596434	August 8, 2007	38821-CA-PAT
CN	200710141910.1	August 16, 2007	38821-CN-PAT
DE	07015731.8	August 9, 2007	38821-DE-EPA
EP	07015731.8	August 9, 2007	38821-EP-EPA
FR	07015731.8	August 9, 2007	38821-FR-EPA
GB	07015731.8	August 9, 2007	38821-GB-EPA
IN	1827/CHE/2007	August 16, 2007	38821-IN-PAT
JP	2007-211981	August 15, 2007	38821-JP-PAT
KR	10-2007-0082135	August 16, 2007	38821-KR-PAT

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US	11/510174	August 25, 2006	38821-US-PAT
US	90/011299	October 26, 2010	38821-US-REX
CA	2585540	April 20, 2007	38822-CA-PAT
CN	20071010221.9	April 27, 2007	38822-CN-PAT
EP	07008576.6	April 26, 2007	38822-EP-EPA
IN	905/CHE/2007	April 27, 2007	38822-IN-PAT
JP	2007-118801	April 27, 2007	38822-JP-PAT
KR	10-2007-0040286	April 25, 2007	38822-KR-PAT
US	11/418481	May 4, 2006	38822-US-PAT
CA	2598349	August 22, 2007	38823-CA-PAT
CN	200710146523.7	August 20, 2007	38823-CN-PAT
EP	07015910.8	August 13, 2007	38823-EP-EPA
IN	1839/CHE/2007	August 17, 2007	38823-IN-PAT
JP	2011-44534	March 1, 2011	38823-JP-DIV
JP	2007-213080	August 17, 2007	38823-JP-PAT
KR	10-2007-0082649	August 17, 2007	38823-KR-PAT
US	11/765258	June 19, 2007	38823-US-PAT
US	60/841659	August 31, 2006	38823-US-PRV
US	11/699709	January 30, 2007	38824-US-PAT
US	11/757768	June 4, 2007	38825-US-CIP
CA	2585325	April 18, 2007	38826-CA-PAT
CN	200710102993.3	May 8, 2007	38826-CN-PAT
DE	07008791.1	April 30, 2007	38826-DE-EPA
EP	07008791.1	April 30, 2007	38826-EP-EPA
EP	14187554.2	October 2, 2014	38826-EP-EPD
FR	07008791.1	April 30, 2007	38826-FR-EPA
GB	07008791.1	April 30, 2007	38826-GB-EPA
JP	2007-113541	April 23, 2007	38826-JP-PAT
KR	10-2007-0045180	May 9, 2007	38826-KR-PAT
US	12/948121	November 17, 2010	38826-US-CNT[2]
US	13/315636	December 9, 2011	38826-US-CNT[3]
US	13/584076	August 13, 2012	38826-US-CNT[4]
US	11/644414	December 22, 2006	38826-US-PAT

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US	60/800221	May 12, 2006	38826-US-PRV
US	12/960197	December 3, 2010	38827-US-CNT
US	13/158108	June 10, 2011	38827-US-CNT[2]
US	11/717583	March 13, 2007	38827-US-PAT
US	60/840554	August 28, 2006	38827-US-PRV
CA	2598312	August 22, 2007	38828-CA-PAT
CN	200710141912.0	August 16, 2007	38828-CN-PAT
EP	07015915.7	August 13, 2007	38828-EP-EPA
IN	1826/CHE/2007	August 16, 2007	38828-IN-PAT
JP	2007-211996	August 15, 2007	38828-JP-PAT
KR	10-2007-0082136	August 16, 2007	38828-KR-PAT
US	11/717601	March 13, 2007	38828-US-PAT
US	60/841804	September 1, 2006	38828-US-PRV
US	11/854728	September 13, 2007	38829-US-PAT
US	11/645079	December 22, 2006	38830-US-CIP
US	11/849009	August 31, 2007	38831-US-CIP
CA	2613924	December 7, 2007	38832-CA-PAT
CN	200710198862.X	December 14, 2007	38832-CN-PAT
EP	07023774.8	December 7, 2007	38832-EP-EPA
IN	2959/CHE/2007	December 10, 2007	38832-IN-PAT
JP	2011-249836	November 15, 2011	38832-JP-DIV
JP	2007-317757	December 7, 2007	38832-JP-PAT
KR	10-2007-0130349	December 13, 2007	38832-KR-PAT
US	11/950227	December 4, 2007	38832-US-PAT
US	60/875180	December 14, 2006	38832-US-PRV
EP	07023899.3	December 10, 2007	38833-EP-EPA
JP	2007-322492	December 13, 2007	38833-JP-PAT
US	11/947386	November 29, 2007	38833-US-PAT
US	60/875222	December 14, 2006	38833-US-PRV
US	12/264190	November 3, 2008	38834-US-PAT
CA	2638265	July 23, 2008	38835-CA-PAT
CN	200810133711.0	July 25, 2008	38835-CN-PAT
EP	08012861.4	July 16, 2008	38835-EP-EPA

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IN	1779/CHE/2008	July 24, 2008	38835-IN-PAT
JP	2008-186578	July 17, 2008	38835-JP-PAT
KR	2008-0072811	July 25, 2008	38835-KR-PAT
US	11/961715	December 20, 2007	38835-US-PAT
US	60/951922	July 25, 2007	38835-US-PRV
US	11/961681	December 20, 2007	38836-US-PAT
US	60/883507	January 4, 2007	38836-US-PRV
WO	PCT/US2007/88544	December 21, 2007	38836-WO-PCT
US	13/250005	September 30, 2011	38837-US-CNT
US	11/771258	June 29, 2007	38837-US-PAT
US	60/916493	May 7, 2007	38837-US-PRV
US	11/804577	May 17, 2007	38838-US-PAT
US	12/023381	January 31, 2008	38839-US-PAT
US	13/051725	March 18, 2011	38840-US-CNT
US	11/809952	June 4, 2007	38840-US-PAT
US	60/903079	February 23, 2007	38840-US-PRV
WO	PCT/CA2008/000307	February 15, 2008	38840-WO-PCT
US	12/014686	January 15, 2008	38841-US-PAT
US	13/018492	February 1, 2011	38842-US-CNT
US	11/853451	September 11, 2007	38842-US-PAT
EP	08012125.4	July 4, 2008	38843-EP-EPA
IN	1639/CHE/2008	July 11, 2008	38843-IN-PAT
JP	2008-176357	July 4, 2008	38843-JP-PAT
US	11/776967	July 12, 2007	38843-US-PAT
US	11/779853	July 18, 2007	38844-US-PAT
US	11/776970	July 12, 2007	38845-US-PAT
US	14/449955	August 1, 2014	38846-1-US-DIV
US	12/207189	September 9, 2008	38846-1-US-PAT
US	60/971452	September 11, 2007	38846-1-US-PRV
US	12/025480	February 4, 2008	38846-US-PAT
US	60/971467	September 11, 2007	38846-US-PRV
EP	08012057.9	July 3, 2008	38847-EP-EPA
EP	12168726.3	May 21, 2012	38847-EP-EPD

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HK	13102246.3	February 21, 2013	38847-HK-FPR
JP	2011-36340	February 22, 2011	38847-JP-DIV
JP	2008-175095	July 3, 2008	38847-JP-PAT
US	11/776057	July 11, 2007	38847-US-PAT
EP	08007404.0	April 15, 2008	38849-EP-EPA
US	12/058541	March 28, 2008	38849-US-PAT
US	60/912423	April 17, 2007	38849-US-PRV
US	13/648845	October 10, 2012	38851-US-CNT
US	11/940920	November 15, 2007	38851-US-PAT
DE	08018600.0	October 23, 2008	38852-DE-EPA
EP	08018600.0	October 23, 2008	38852-EP-EPA
FR	08018600.0	October 23, 2008	38852-FR-EPA
GB	08018600.0	October 23, 2008	38852-GB-EPA
JP	2012-141111	June 22, 2012	38852-JP-DIV
JP	2008-273648	October 23, 2008	38852-JP-PAT
US	12/126682	May 23, 2008	38852-US-CIP
US	13/217817	August 25, 2011	38852-US-CNT
US	11/923358	October 24, 2007	38852-US-PAT
CA	2722701	August 7, 2008	38853-CA-PCT
US	13/464222	May 4, 2012	38853-US-CNT
US	13/464237	May 4, 2012	38853-US-CNT[2]
US	14/286322	May 23, 2014	38853-US-DIV
US	12/186264	August 5, 2008	38853-US-PAT
US	60/964088	August 8, 2007	38853-US-PRV
WO	PCT/CA2008/001440	August 7, 2008	38853-WO-PCT
DE	08018181.1	October 16, 2008	38854-DE-EPA
EP	08018181.1	October 16, 2008	38854-EP-EPA
EP	19156134.9	February 8, 2019	38854-EP-EPD
FR	08018181.1	October 16, 2008	38854-FR-EPA
GB	08018181.1	October 16, 2008	38854-GB-EPA
HU	08018181.1	October 16, 2008	38854-HU-EPA
IT	08018181.1	October 16, 2008	38854-IT-EPA
NL	08018181.1	October 16, 2008	38854-NL-EPA

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US	12/039674	February 28, 2008	38854-US-PAT
US	60/981464	October 19, 2007	38854-US-PRV
EP	08018178.7	October 16, 2008	38855-EP-EPA
US	12/036909	February 25, 2008	38855-US-PAT
US	60/981324	October 19, 2007	38855-US-PRV
US	12/260701	October 29, 2008	38856-US-PAT
US	60/985047	November 2, 2007	38856-US-PRV
US	12/039676	February 28, 2008	38857-US-PAT
US	60/985053	November 2, 2007	38857-US-PRV
US	12/056618	March 27, 2008	38858-US-PAT
US	60/973131	September 17, 2007	38858-US-PRV
US	11/953629	December 10, 2007	38859-US-PAT
US	13/413239	March 6, 2012	38860-US-CNT
US	11/930968	October 31, 2007	38860-US-PAT
US	13/331753	December 20, 2011	38861-US-CNT
US	13/924139	June 21, 2013	38861-US-CNT[2]
US	12/264791	November 4, 2008	38861-US-PAT
US	60/985557	November 5, 2007	38861-US-PRV
CA	2729707	January 27, 2011	38862-CA-PAT
DE	11151856.9	January 24, 2011	38862-DE-EPA
DE	14157074.7	February 27, 2014	38862-DE-EPD
EP	11151856.9	January 24, 2011	38862-EP-EPA
EP	14157074.7	February 27, 2014	38862-EP-EPD
FR	11151856.9	January 24, 2011	38862-FR-EPA
FR	14157074.7	February 27, 2014	38862-FR-EPD
GB	11151856.9	January 24, 2011	38862-GB-EPA
GB	14157074.7	February 27, 2014	38862-GB-EPD
HK	15100343.7	January 13, 2015	38862-HK-FPR
US	13/901741	May 24, 2013	38862-US-CNT
US	12/696533	January 29, 2010	38862-US-PAT
US	61/148661	January 30, 2009	38862-US-PRV
EP	09158884.8	April 28, 2009	38863-EP-EPA
US	12/634307	December 9, 2009	38864-US-PAT

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US	61/138384	December 17, 2008	38864-US-PRV
CA	2699819	April 13, 2010	38865-CA-PAT
DE	10159833.2	April 14, 2010	38865-DE-EPA
EP	10159833.2	April 14, 2010	38865-EP-EPA
FR	10159833.2	April 14, 2010	38865-FR-EPA
GB	10159833.2	April 14, 2010	38865-GB-EPA
US	12/424856	April 16, 2009	38865-US-PAT
US	61/045893	April 17, 2008	38865-US-PRV
CA	2701439	April 27, 2010	38866-CA-PAT
DE	10161260.4	April 28, 2010	38866-DE-EPA
EP	10161260.4	April 28, 2010	38866-EP-EPA
FR	10161260.4	April 28, 2010	38866-FR-EPA
GB	10161260.4	April 28, 2010	38866-GB-EPA
NL	10161260.4	April 28, 2010	38866-NL-EPA
US	12/432337	April 29, 2009	38866-US-PAT
US	61/049270	April 30, 2008	38866-US-PRV
CA	2699841	April 13, 2010	38867-CA-PAT
DE	10160106.0	April 16, 2010	38867-DE-EPA
EP	10160106.0	April 16, 2010	38867-EP-EPA
FR	10160106.0	April 16, 2010	38867-FR-EPA
GB	10160106.0	April 16, 2010	38867-GB-EPA
US	12/425905	April 17, 2009	38867-US-PAT
US	61/046267	April 18, 2008	38867-US-PRV
CA	2733527	August 11, 2009	38868-CA-PCT
EP	09786127.2	August 11, 2009	38868-EP-EPT
US	12/190380	August 12, 2008	38868-US-PAT
WO	PCT/IB2009/006515	August 11, 2009	38868-WO-PCT
US	61/055651	May 23, 2008	38869-US-PRV
US	12/471072	May 22, 2009	38870-US-CIP
US	13/676803	November 14, 2012	38870-US-CNT
US	61/055859	May 23, 2008	38870-US-PRV
CA	2701867	April 21, 2010	38871-CA-PAT
DE	10160902.2	April 23, 2010	38871-DE-EPA

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EP	10160902.2	April 23, 2010	38871-EP-EPA
FR	10160902.2	April 23, 2010	38871-FR-EPA
GB	10160902.2	April 23, 2010	38871-GB-EPA
US	12/471093	May 22, 2009	38871-US-CIP
US	13/676821	November 14, 2012	38871-US-CNT
US	61/055913	May 23, 2008	38871-US-PRV
US	13/676463	November 14, 2012	38872-US-CNT
US	12/454841	May 22, 2009	38872-US-PAT
US	61/055949	May 23, 2008	38872-US-PRV
DE	10158559.4	March 31, 2010	38873-DE-EPA
EP	10158559.4	March 31, 2010	38873-EP-EPA
FR	10158559.4	March 31, 2010	38873-FR-EPA
GB	10158559.4	March 31, 2010	38873-GB-EPA
US	12/731763	March 25, 2010	38873-US-PAT
US	61/165743	April 1, 2009	38873-US-PRV
US	08/440425	May 12, 1995	38874-US-CNT
CA	2388871	October 14, 1994	38875-CA-DIV
CA	2118201	October 14, 1994	38875-CA-PAT
US	09/010479	January 21, 1998	38876-US-CNT
US	08/323354	October 14, 1994	38876-US-PAT
CA	2245976	February 26, 1998	38877-CA-PAT
US	11/515675	September 5, 2006	38877-US-CNT
US	13/198461	August 4, 2011	38877-US-CNT[2]
US	09/383115	August 25, 1999	38877-US-PAT
CA	2245963	August 26, 1998	38878-CA-PAT
US	09/382563	August 25, 1999	38878-US-PAT
AU	7471600	August 29, 2000	38879-AU-PCT
CA	2382122	August 29, 2000	38879-CA-PCT
DE	00963280.3	August 29, 2000	38879-DE-EPT
EP	00963280.3	August 29, 2000	38879-EP-EPT
EP	05022053.2	August 29, 2000	38879-EP-ETD
FR	00963280.3	August 29, 2000	38879-FR-EPT
GB	00963280.3	August 29, 2000	38879-GB-EPT

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IT	00963280.3	August 29, 2000	38879-IT-EPT
JP	2001-520402	August 29, 2000	38879-JP-PCT
US	11/540153	September 29, 2006	38879-US-CNT
US	13/105621	May 11, 2011	38879-US-CNT[2]
US	09/385975	August 30, 1999	38879-US-PAT
WO	PCT/US2000/23754	August 29, 2000	38879-WO-PCT
AU	6769600	August 11, 2000	38880-AU-PCT
CA	2382175	August 11, 2000	38880-CA-PCT
DE	00955497.3	August 11, 2000	38880-DE-EPT
EP	00955497.3	August 11, 2000	38880-EP-EPT
FR	00955497.3	August 11, 2000	38880-FR-EPT
GB	00955497.3	August 11, 2000	38880-GB-EPT
IT	00955497.3	August 11, 2000	38880-IT-EPT
JP	2001-517379	August 11, 2000	38880-JP-PCT
US	11/136829	May 24, 2005	38880-US-CNT
US	09/375309	August 16, 1999	38880-US-PAT
WO	PCT/US2000/022201	August 11, 2000	38880-WO-PCT
US	09/576656	May 22, 2000	38881-US-PAT
AU	14439/01	October 30, 2000	38882-AU-PCT
CA	2390287	October 30, 2000	38882-CA-PCT
EP	00976703.9	October 30, 2000	38882-EP-EPT
JP	2001-536596	October 30, 2000	38882-JP-PCT
US	09/434781	November 5, 1999	38882-US-PAT
WO	PCT/US2000/29862	October 30, 2000	38882-WO-PCT
CA	2740683	May 19, 2011	38884-CA-PAT
EP	11166998.2	May 20, 2011	38884-EP-EPA
US	12/785273	May 21, 2010	38884-US-PAT
CA	2739949	May 11, 2011	38885-CA-PAT
DE	11166131.0	May 13, 2011	38885-DE-EPA
DE	17186980.3	August 18, 2017	38885-DE-EPD
EP	11166131.0	May 13, 2011	38885-EP-EPA
EP	17186980.3	August 18, 2017	38885-EP-EPD
FR	11166131.0	May 13, 2011	38885-FR-EPA

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FR	17186980.3	August 18, 2017	38885-FR-EPD
GB	11166131.0	May 13, 2011	38885-GB-EPA
GB	17186980.3	August 18, 2017	38885-GB-EPD
US	14/687727	April 15, 2015	38885-US-CNT
US	12/780400	May 14, 2010	38885-US-PAT
US	60/840246	August 25, 2006	38886-US-PRV
CA	2731045	February 4, 2011	38887-CA-PAT
DE	11153430.1	February 4, 2011	38887-DE-EPA
EP	11153430.1	February 4, 2011	38887-EP-EPA
FR	11153430.1	February 4, 2011	38887-FR-EPA
GB	11153430.1	February 4, 2011	38887-GB-EPA
NL	11153430.1	February 4, 2011	38887-NL-EPA
US	14/689558	April 17, 2015	38887-US-CNT
US	13/020954	February 4, 2011	38887-US-PAT
US	61/301761	February 5, 2010	38887-US-PRV
CA	2731043	February 4, 2011	38888-CA-PAT
DE	11153433.5	February 4, 2011	38888-DE-EPA
EP	11153433.5	February 4, 2011	38888-EP-EPA
FR	11153433.5	February 4, 2011	38888-FR-EPA
GB	11153433.5	February 4, 2011	38888-GB-EPA
NL	11153433.5	February 4, 2011	38888-NL-EPA
US	14/571896	December 16, 2014	38888-US-CNT
US	13/020949	February 4, 2011	38888-US-PAT
US	61/301745	February 5, 2010	38888-US-PRV
US	10/252095	September 23, 2002	38889-US-PAT
DE	10194710.9	December 13, 2010	38891-DE-EPA
EP	10194710.9	December 13, 2010	38891-EP-EPA
FR	10194710.9	December 13, 2010	38891-FR-EPA
GB	10194710.9	December 13, 2010	38891-GB-EPA
US	12/637426	December 14, 2009	38891-US-PAT
US	13/444182	April 11, 2012	38892-US-CNT
US	12/070798	February 21, 2008	38892-US-PAT
CA	2797877	September 23, 2011	39490-1-CA-PCT

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CN	201710201578.7	March 29, 2017	39490-1-CN-PCD
CN	201180022020.3	September 23, 2011	39490-1-CN-PCT
DE	11182584.0	September 23, 2011	39490-1-DE-EPA
DE	112011101206.3	September 23, 2011	39490-1-DE-PCT
EP	11182584.0	September 23, 2011	39490-1-EP-EPA
EP	17208105.1	December 18, 2017	39490-1-EP-EPD
FR	11182584.0	September 23, 2011	39490-1-FR-EPA
GB	11182584.0	September 23, 2011	39490-1-GB-EPA
GB	1219038.5	September 23, 2011	39490-1-GB-PCT
HK	12109546.6	September 27, 2012	39490-1-HK-FPR
IN	9223/CHENP/2012	September 23, 2011	39490-1-IN-PCT
JP	2013-510460	September 23, 2011	39490-1-JP-PCT
KR	10-2012-7028523	September 23, 2011	39490-1-KR-PCT
US	13/243677	September 23, 2011	39490-1-US-PAT
WO	PCT/CA2011/001069	September 23, 2011	39490-1-WO-PCT
CA	2797883	September 23, 2011	39490-CA-PCT
CN	201180021999.2	September 23, 2011	39490-CN-PCT
DE	11182641.8	September 23, 2011	39490-DE-EPA
DE	112011101203.9	September 23, 2011	39490-DE-PCT
EP	11182641.8	September 23, 2011	39490-EP-EPA
FR	11182641.8	September 23, 2011	39490-FR-EPA
GB	11182641.8	September 23, 2011	39490-GB-EPA
GB	1218170.7	September 23, 2011	39490-GB-PCT
HK	12109545.7	September 27, 2012	39490-HK-FPR
IN	9071/CHENP/2012	September 23, 2011	39490-IN-PCT
JP	2013-510461	September 23, 2011	39490-JP-PCT
KR	10-2012-7028450	September 23, 2011	39490-KR-PCT
US	13/243613	September 23, 2011	39490-US-PAT
US	61/386219	September 24, 2010	39490-US-PRV
WO	PCT/CA2011/001070	September 23, 2011	39490-WO-PCT
CA	2753088	September 27, 2011	39540-CA-PAT
EP	11156243.5	February 28, 2011	39540-EP-EPA
US	13/036856	February 28, 2011	39540-US-PAT

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US	61/386699	September 27, 2010	39540-US-PRV
EM	001331672-0001	June 18, 2012	39552-EM-CD
EM	001331672-0002	June 18, 2012	39552-EM-CD[2]
EM	001331672-0003	June 18, 2012	39552-EM-CD[3]
EM	001331672-0004	June 18, 2012	39552-EM-CD[4]
EM	001331672-0005	June 18, 2012	39552-EM-CD[5]
EM	001331672-0006	June 18, 2012	39552-EM-CD[6]
EM	001331672-0007	June 18, 2012	39552-EM-CD[7]
EM	001331672-0008	June 18, 2012	39552-EM-CD[8]
US	29/408943	December 19, 2011	39552-US-DES
US	29/375614	September 24, 2010	39552-US-DES[2]
US	29/375996	September 30, 2010	39552-US-DES[3]
US	29/375611	September 24, 2010	39553-US-DES
US	29/375612	September 24, 2010	39553-US-DES[2]
CA	2792243	September 22, 2011	39554-CA-PCT
CN	201180021869.9	September 22, 2011	39554-CN-PCT
DE	11182349.8	September 22, 2011	39554-DE-EPA
DE	112011101209.8	September 22, 2011	39554-DE-PCT
EP	11182349.8	September 22, 2011	39554-EP-EPA
FR	11182349.8	September 22, 2011	39554-FR-EPA
GB	11182349.8	September 22, 2011	39554-GB-EPA
GB	1217624.4	September 22, 2011	39554-GB-PCT
US	13/240230	September 22, 2011	39554-US-PAT
US	61/386308	September 24, 2010	39554-US-PRV
WO	PCT/CA2011/050590	September 22, 2011	39554-WO-PCT
CA	2788916	September 7, 2012	39555-CA-PAT
DE	11180819.2	September 9, 2011	39555-DE-EPA
EP	11180819.2	September 9, 2011	39555-EP-EPA
FR	11180819.2	September 9, 2011	39555-FR-EPA
GB	11180819.2	September 9, 2011	39555-GB-EPA
NL	11180819.2	September 9, 2011	39555-NL-EPA
US	13/229046	September 9, 2011	39555-US-PAT
CA	2769127	February 23, 2012	39556-CA-PAT

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DE	11156254.2	February 28, 2011	39556-DE-EPA
EP	11156254.2	February 28, 2011	39556-EP-EPA
FR	11156254.2	February 28, 2011	39556-FR-EPA
GB	11156254.2	February 28, 2011	39556-GB-EPA
NL	11156254.2	February 28, 2011	39556-NL-EPA
US	13/036861	February 28, 2011	39556-US-PAT
CA	2753093	September 26, 2011	39709-CA-PAT
EP	11176655.6	August 5, 2011	39709-EP-EPA
US	13/204442	August 5, 2011	39709-US-PAT
US	61/386781	September 27, 2010	39709-US-PRV
CA	2811253	September 22, 2011	39876-CA-PCT
CN	201180045776.X	September 22, 2011	39876-CN-PCT
DE	112011103173.4	September 22, 2011	39876-DE-PCT
EP	11182356.3	September 22, 2011	39876-EP-EPA
GB	1302988.9	September 22, 2011	39876-GB-PCT
US	13/240250	September 22, 2011	39876-US-PAT
US	61/386302	September 24, 2010	39876-US-PRV
WO	PCT/CA2011/050589	September 22, 2011	39876-WO-PCT
CA	2750352	August 23, 2011	39924-CA-PAT
DE	11178437.7	August 23, 2011	39924-DE-EPA
EP	11178437.7	August 23, 2011	39924-EP-EPA
EP	18186597.3	July 31, 2018	39924-EP-EPD
FR	11178437.7	August 23, 2011	39924-FR-EPA
GB	11178437.7	August 23, 2011	39924-GB-EPA
US	13/215481	August 23, 2011	39924-US-PAT
US	61/386147	September 24, 2010	39924-US-PRV
CA	2763222	January 5, 2012	40755-CA-PAT
EP	12150238.9	January 5, 2012	40755-EP-EPA
US	13/343755	January 5, 2012	40755-US-PAT
US	61/429919	January 5, 2011	40755-US-PRV
CA	2771749	March 19, 2012	40772-CA-PAT
DE	11158792.9	March 18, 2011	40772-DE-EPA
EP	11158792.9	March 18, 2011	40772-EP-EPA

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FR	11158792.9	March 18, 2011	40772-FR-EPA
GB	11158792.9	March 18, 2011	40772-GB-EPA
US	13/051609	March 18, 2011	40772-US-PAT
CA	2767782	February 14, 2012	40773-CA-PAT
DE	11154292.4	February 14, 2011	40773-DE-EPA
EP	11154292.4	February 14, 2011	40773-EP-EPA
FR	11154292.4	February 14, 2011	40773-FR-EPA
GB	11154292.4	February 14, 2011	40773-GB-EPA
US	13/026930	February 14, 2011	40773-US-PAT
EP	11154270.0	February 14, 2011	40774-EP-EPA
US	13/026837	February 14, 2011	40774-US-PAT
CA	2817307	May 31, 2013	41017-CA-PAT
DE	12171544.5	June 11, 2012	41017-DE-EPA
EP	12171544.5	June 11, 2012	41017-EP-EPA
FR	12171544.5	June 11, 2012	41017-FR-EPA
GB	12171544.5	June 11, 2012	41017-GB-EPA
US	14/670248	March 26, 2015	41017-US-CNT
US	13/493513	June 11, 2012	41017-US-PAT
CA	2783913	July 30, 2012	41018-CA-PAT
EP	11175926.2	July 29, 2011	41018-EP-EPA
HK	13105729.2	May 14, 2013	41018-HK-FPR
US	14/452938	August 6, 2014	41018-US-CNT
US	13/194120	July 29, 2011	41018-US-PAT
CA	2791609	October 9, 2012	41356-CA-PAT
CN	201210505237.6	November 30, 2012	41356-CN-PAT
EP	12152948.1	January 27, 2012	41356-EP-EPA
HK	13108683.0	July 24, 2013	41356-HK-FPR
IN	4415/CHE/2012	October 23, 2012	41356-IN-PAT
US	13/336117	December 23, 2011	41356-US-PAT
CA	2772906	March 30, 2012	41402-CA-PAT
DE	12162354.0	March 30, 2012	41402-DE-EPA
EP	12162354.0	March 30, 2012	41402-EP-EPA
FR	12162354.0	March 30, 2012	41402-FR-EPA

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GB	12162354.0	March 30, 2012	41402-GB-EPA
US	13/436193	March 30, 2012	41402-US-PAT
US	61/473488	April 8, 2011	41402-US-PRV
CA	2773818	April 4, 2012	41492-CA-PAT
DE	16190536.9	September 26, 2016	41492-DE-EPD
EP	11161219.8	April 5, 2011	41492-EP-EPA
EP	16190536.9	September 26, 2016	41492-EP-EPD
FR	16190536.9	September 26, 2016	41492-FR-EPD
GB	16190536.9	September 26, 2016	41492-GB-EPD
US	13/079997	April 5, 2011	41492-US-PAT
CA	2773386	April 3, 2012	41542-CA-PAT
DE	12157441.2	February 29, 2012	41542-DE-EPA
EP	12157441.2	February 29, 2012	41542-EP-EPA
FR	12157441.2	February 29, 2012	41542-FR-EPA
GB	12157441.2	February 29, 2012	41542-GB-EPA
US	13/408710	February 29, 2012	41542-US-PAT
US	61/472041	April 5, 2011	41542-US-PRV
CA	2773293	April 5, 2012	41567-CA-PAT
EP	12163306.9	April 5, 2012	41567-EP-EPA
US	13/440289	April 5, 2012	41567-US-PAT
US	61/473808	April 10, 2011	41567-US-PRV
CA	2757867	November 14, 2011	42024-CA-PAT
US	13/295410	November 14, 2011	42024-US-PAT
CA	2812288	September 23, 2011	42092-CA-PCT
CN	201180056762.8	September 23, 2011	42092-CN-PCT
DE	11767112.3	September 23, 2011	42092-DE-EPT
DE	112011103202.1-53	September 23, 2011	42092-DE-PCT
EP	11767112.3	September 23, 2011	42092-EP-EPT
FR	11767112.3	September 23, 2011	42092-FR-EPT
GB	11767112.3	September 23, 2011	42092-GB-EPT
GB	1305335.0	September 23, 2011	42092-GB-PCT
KR	10-2013-7010464	September 23, 2011	42092-KR-PCT
US	13/243749	September 23, 2011	42092-US-PAT

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WO	PCT/US2011/053061	September 23, 2011	42092-WO-PCT
CA	2782150	July 4, 2012	42474-CA-PAT
EP	12175013.7	July 4, 2012	42474-EP-EPA
US	13/176535	July 5, 2011	42474-US-PAT
CA	2861676	November 9, 2012	42608-CA-PCT
CN	201280066860.4	November 9, 2012	42608-CN-PCT
EP	12847536.5	November 9, 2012	42608-EP-EPT
US	14/166980	January 29, 2014	42608-US-CNT
US	13/398676	February 16, 2012	42608-US-PAT
US	61/558942	November 11, 2011	42608-US-PRV
WO	PCT/CA2012/050797	November 9, 2012	42608-WO-PCT
CA	2854540	November 9, 2012	42609-CA-PCT
CN	201280066715.6	November 9, 2012	42609-CN-PCT
EP	11188696.6	November 10, 2011	42609-EP-EPA
IN	3486/CHENP/2014	November 9, 2012	42609-IN-PCT
US	15/478824	April 4, 2017	42609-US-CNT
US	13/293743	November 10, 2011	42609-US-PAT
WO	PCT/CA2012/050796	November 9, 2012	42609-WO-PCT
CA	2772368	March 23, 2012	42899-CA-PAT
EP	12161084.4	March 23, 2012	42899-EP-EPA
US	15/290199	October 11, 2016	42899-US-CNT
US	13/428318	March 23, 2012	42899-US-PAT
CA	2813339	April 17, 2013	43147-CA-PAT
EP	12173245.7	June 22, 2012	43147-EP-EPA
US	13/451403	April 19, 2012	43147-US-PAT
CA	2792772	October 16, 2012	43191-CA-PAT
EP	11186802.2	October 26, 2011	43191-EP-EPA
EP	18185840.8	July 26, 2018	43191-EP-EPD
US	13/274913	October 17, 2011	43191-US-PAT
US	13/451140	April 19, 2012	43194-US-PAT
CA	2847028	March 19, 2014	43233-CA-PAT
DE	13160824.2	March 25, 2013	43233-DE-EPA
EP	13160824.2	March 25, 2013	43233-EP-EPA

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EP	19156790.8	February 12, 2019	43233-EP-EPD
FR	13160824.2	March 25, 2013	43233-FR-EPA
GB	13160824.2	March 25, 2013	43233-GB-EPA
HK	15103271.7	March 31, 2015	43233-HK-FPR
US	13/849983	March 25, 2013	43233-US-PAT
US	13/449854	April 18, 2012	43236-US-PAT
US	14/717815	May 20, 2015	43237-US-CNT
US	15/818384	November 20, 2017	43237-US-CNT[2]
US	16/671829	November 1, 2019	43237-US-CNT[3]
US	13/450083	April 18, 2012	43237-US-PAT
EP	13796575.2	May 31, 2013	43238-1-EP-EPT
US	14/404523	May 31, 2013	43238-1-US-PCT
WO	PCT/CA2013/000546	May 31, 2013	43238-1-WO-PCT
CA	2817475	May 31, 2013	43238-CA-PAT
CN	201310208613.X	May 30, 2013	43238-CN-PAT
EP	12170433.2	June 1, 2012	43238-EP-EPA
HK	14105648.9	June 13, 2014	43238-HK-FPR
IN	2373/CHE/2013	May 30, 2013	43238-IN-PAT
US	13/486113	June 1, 2012	43238-US-PAT
EP	12198268.0	December 19, 2012	43479-EP-EPA
US	13/719411	December 19, 2012	43479-US-PAT
EM	001331730-0001	June 14, 2012	43586-EM-CD
EM	001331730-0010	June 14, 2012	43586-EM-CD[10]
EM	001331730-0002	June 14, 2012	43586-EM-CD[2]
EM	001331730-0003	June 14, 2012	43586-EM-CD[3]
EM	001331730-0004	June 14, 2012	43586-EM-CD[4]
EM	001331730-0005	June 14, 2012	43586-EM-CD[5]
EM	001331730-0006	June 14, 2012	43586-EM-CD[6]
EM	001331730-0007	June 14, 2012	43586-EM-CD[7]
EM	001331730-0008	June 14, 2012	43586-EM-CD[8]
EM	001331730-0009	June 14, 2012	43586-EM-CD[9]
US	29/408704	December 15, 2011	43586-US-DES
CA	2864151	January 30, 2013	44067-CA-PCT

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DE	12155659.1	February 15, 2012	44067-DE-EPA
EP	12155659.1	February 15, 2012	44067-EP-EPA
FR	12155659.1	February 15, 2012	44067-FR-EPA
GB	12155659.1	February 15, 2012	44067-GB-EPA
US	13/397413	February 15, 2012	44067-US-PAT
WO	PCT/CA2013/000074	January 30, 2013	44067-WO-PCT
CA	2814916	May 2, 2013	44081-CA-PAT
DE	12175061.6	July 5, 2012	44081-DE-EPA
EP	12175061.6	July 5, 2012	44081-EP-EPA
FR	12175061.6	July 5, 2012	44081-FR-EPA
GB	12175061.6	July 5, 2012	44081-GB-EPA
US	13/541790	July 5, 2012	44081-US-PAT
CA	2806371	February 15, 2013	44200-CA-PAT
DE	13155351.3	February 15, 2013	44200-DE-EPA
EP	13155351.3	February 15, 2013	44200-EP-EPA
FR	13155351.3	February 15, 2013	44200-FR-EPA
GB	13155351.3	February 15, 2013	44200-GB-EPA
US	13/768095	February 15, 2013	44200-US-PAT
US	61/600194	February 17, 2012	44200-US-PRV
CA	2814109	April 26, 2013	44204-CA-PAT
DE	12166308.2	May 1, 2012	44204-DE-EPA
EP	12166308.2	May 1, 2012	44204-EP-EPA
FR	12166308.2	May 1, 2012	44204-FR-EPA
GB	12166308.2	May 1, 2012	44204-GB-EPA
NL	12166308.2	May 1, 2012	44204-NL-EPA
US	13/460443	April 30, 2012	44204-US-PAT
CA	2814300	April 26, 2013	44208-CA-PAT
DE	12166312.4	May 1, 2012	44208-DE-EPA
EP	12166312.4	May 1, 2012	44208-EP-EPA
FR	12166312.4	May 1, 2012	44208-FR-EPA
GB	12166312.4	May 1, 2012	44208-GB-EPA
US	13/460462	April 30, 2012	44208-US-PAT
CA	2814434	May 1, 2013	44210-CA-PAT

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DE	12166906.3	May 4, 2012	44210-DE-EPA
EP	12166906.3	May 4, 2012	44210-EP-EPA
FR	12166906.3	May 4, 2012	44210-FR-EPA
GB	12166906.3	May 4, 2012	44210-GB-EPA
NL	12166906.3	May 4, 2012	44210-NL-EPA
US	14/469305	August 26, 2014	44210-US-CNT
US	14/790875	July 2, 2015	44210-US-CNT[2]
US	13/464411	May 4, 2012	44210-US-PAT
CA	2817559	June 4, 2013	44217-CA-PAT
DE	13170772.1	June 6, 2013	44217-DE-EPA
EP	13170772.1	June 6, 2013	44217-EP-EPA
FR	13170772.1	June 6, 2013	44217-FR-EPA
GB	13170772.1	June 6, 2013	44217-GB-EPA
NL	13170772.1	June 6, 2013	44217-NL-EPA
US	13/490180	June 6, 2012	44217-US-PAT
CA	2800504	December 28, 2012	44291-CA-PAT
DE	12199710.0	December 28, 2012	44291-DE-EPA
EP	12199710.0	December 28, 2012	44291-EP-EPA
FR	12199710.0	December 28, 2012	44291-FR-EPA
GB	12199710.0	December 28, 2012	44291-GB-EPA
US	13/729267	December 28, 2012	44291-US-PAT
US	61/600302	February 17, 2012	44291-US-PRV
CA	2806372	February 15, 2013	44327-CA-PAT
DE	13155350.5	February 15, 2013	44327-DE-EPA
DE	15160720.7	March 25, 2015	44327-DE-EPD
EP	13155350.5	February 15, 2013	44327-EP-EPA
EP	15160720.7	March 25, 2015	44327-EP-EPD
FR	13155350.5	February 15, 2013	44327-FR-EPA
FR	15160720.7	March 25, 2015	44327-FR-EPD
GB	13155350.5	February 15, 2013	44327-GB-EPA
GB	15160720.7	March 25, 2015	44327-GB-EPD
NL	13155350.5	February 15, 2013	44327-NL-EPA
NL	15160720.7	March 25, 2015	44327-NL-EPD

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US	14/821364	August 7, 2015	44327-US-CNT
US	13/768108	February 15, 2013	44327-US-PAT
US	61/599762	February 16, 2012	44327-US-PRV
CA	2824110	August 16, 2013	44328-CA-PAT
CN	201310346641.8	August 9, 2013	44328-CN-PAT
DE	12181384.4	August 22, 2012	44328-DE-EPA
EP	12181384.4	August 22, 2012	44328-EP-EPA
EP	18186104.8	July 27, 2018	44328-EP-EPD
FR	12181384.4	August 22, 2012	44328-FR-EPA
GB	12181384.4	August 22, 2012	44328-GB-EPA
HK	14108550.9	August 21, 2014	44328-HK-FPR
IN	3048/CHE/2013	July 8, 2013	44328-IN-PAT
NL	12181384.4	August 22, 2012	44328-NL-EPA
US	14/504068	October 1, 2014	44328-US-CNT
US	13/591574	August 22, 2012	44328-US-PAT
CA	2805933	February 15, 2013	44337-CA-PAT
DE	13155352.1	February 15, 2013	44337-DE-EPA
EP	13155352.1	February 15, 2013	44337-EP-EPA
EP	17208481.6	December 19, 2017	44337-EP-EPD
FR	13155352.1	February 15, 2013	44337-FR-EPA
GB	13155352.1	February 15, 2013	44337-GB-EPA
NL	13155352.1	February 15, 2013	44337-NL-EPA
US	13/768100	February 15, 2013	44337-US-PAT
US	61/599767	February 16, 2012	44337-US-PRV
CA	2805960	February 15, 2013	44352-CA-PAT
DE	13155597.1	February 18, 2013	44352-DE-EPA
EP	13155597.1	February 18, 2013	44352-EP-EPA
FR	13155597.1	February 18, 2013	44352-FR-EPA
GB	13155597.1	February 18, 2013	44352-GB-EPA
US	13/768353	February 15, 2013	44352-US-PAT
US	61/599769	February 16, 2012	44352-US-PRV
CA	2817492	May 31, 2013	44505-CA-PAT
CN	201310208305.7	May 30, 2013	44505-CN-PAT

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DE	12171363.0	June 8, 2012	44505-DE-EPA
DE	16179806.1	July 15, 2016	44505-DE-EPD
EP	12171363.0	June 8, 2012	44505-EP-EPA
EP	16179806.1	July 15, 2016	44505-EP-EPD
FR	12171363.0	June 8, 2012	44505-FR-EPA
FR	16179806.1	July 15, 2016	44505-FR-EPD
GB	12171363.0	June 8, 2012	44505-GB-EPA
GB	16179806.1	July 15, 2016	44505-GB-EPD
HK	16113962.9	December 7, 2016	44505-HK-FPR
IN	2285/CHE/2013	May 24, 2013	44505-IN-PAT
US	13/492052	June 8, 2012	44505-US-PAT
CA	2821866	July 26, 2013	45129-CA-PAT
DE	12178136.3	July 26, 2012	45129-DE-EPA
EP	12178136.3	July 26, 2012	45129-EP-EPA
FR	12178136.3	July 26, 2012	45129-FR-EPA
GB	12178136.3	July 26, 2012	45129-GB-EPA
US	13/558764	July 26, 2012	45129-US-PAT
CA	2820507	June 21, 2013	45141-CA-PAT
CN	201310261901.1	June 27, 2013	45141-CN-PAT
DE	12186275.9	September 27, 2012	45141-DE-EPA
EP	12186275.9	September 27, 2012	45141-EP-EPA
FR	12186275.9	September 27, 2012	45141-FR-EPA
GB	12186275.9	September 27, 2012	45141-GB-EPA
IN	2649/CHE/2013	June 18, 2013	45141-IN-PAT
US	13/628677	September 27, 2012	45141-US-PAT
US	61/666608	June 29, 2012	45141-US-PRV
EP	12172294.6	June 15, 2012	45305-EP-EPA
US	13/524686	June 15, 2012	45305-US-PAT
CA	2820971	July 16, 2013	45504-1-CA-PAT
DE	13164364.5	April 18, 2013	45504-1-DE-EPA
EP	13164364.5	April 18, 2013	45504-1-EP-EPA
FR	13164364.5	April 18, 2013	45504-1-FR-EPA
GB	13164364.5	April 18, 2013	45504-1-GB-EPA

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US	13/706871	December 6, 2012	45504-1-US-PAT
US	61/678391	August 1, 2012	45504-1-US-PRV
CA	2820993	July 16, 2013	45504-CA-PAT
DE	13164365.2	April 18, 2013	45504-DE-EPA
EP	13164365.2	April 18, 2013	45504-EP-EPA
FR	13164365.2	April 18, 2013	45504-FR-EPA
GB	13164365.2	April 18, 2013	45504-GB-EPA
US	13/911512	June 6, 2013	45504-US-CNT
US	13/706782	December 6, 2012	45504-US-PAT
US	61/678388	August 1, 2012	45504-US-PRV
CA	2798394	December 12, 2012	45515-CA-PAT
US	13/711718	December 12, 2012	45515-US-PAT
CA	2799890	December 20, 2012	45516-CA-PAT
US	13/722341	December 20, 2012	45516-US-PAT
CA	2824686	August 27, 2013	45554-CA-PAT
DE	12189215.2	October 19, 2012	45554-DE-EPA
EP	12189215.2	October 19, 2012	45554-EP-EPA
FR	12189215.2	October 19, 2012	45554-FR-EPA
GB	12189215.2	October 19, 2012	45554-GB-EPA
US	13/656109	October 19, 2012	45554-US-PAT
EP	13153063.6	January 29, 2013	45581-EP-EPA
US	13/752960	January 29, 2013	45581-US-PAT
DE	13152911.7	January 28, 2013	45621-DE-EPA
EP	13152911.7	January 28, 2013	45621-EP-EPA
FR	13152911.7	January 28, 2013	45621-FR-EPA
GB	13152911.7	January 28, 2013	45621-GB-EPA
US	13/751724	January 28, 2013	45621-US-PAT
EP	12193113.3	November 16, 2012	45727-EP-EPA
EP	17167419.5	April 20, 2017	45727-EP-EPD
US	13/679654	November 16, 2012	45727-US-PAT
CA	2829805	October 10, 2013	45771-CA-PAT
CN	201310503089.9	October 23, 2013	45771-CN-PAT
DE	12189773.0	October 24, 2012	45771-DE-EPA

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DE	202012012333.5	December 21, 2012	45771-DE-UM
EP	12189773.0	October 24, 2012	45771-EP-EPA
FR	12189773.0	October 24, 2012	45771-FR-EPA
GB	12189773.0	October 24, 2012	45771-GB-EPA
US	13/722213	December 20, 2012	45771-US-CNT
US	13/659527	October 24, 2012	45771-US-PAT
CA	2830880	October 18, 2013	45897-CA-PAT
CN	201310504548.5	October 23, 2013	45897-CN-PAT
DE	12189805.0	October 24, 2012	45897-DE-EPA
EP	12189805.0	October 24, 2012	45897-EP-EPA
FR	12189805.0	October 24, 2012	45897-FR-EPA
GB	12189805.0	October 24, 2012	45897-GB-EPA
US	13/659561	October 24, 2012	45897-US-PAT
DE	12195962.1	December 6, 2012	46286-DE-EPA
EP	12195962.1	December 6, 2012	46286-EP-EPA
ES	12195962.1	December 6, 2012	46286-ES-EPA
FR	12195962.1	December 6, 2012	46286-FR-EPA
GB	12195962.1	December 6, 2012	46286-GB-EPA
NL	12195962.1	December 6, 2012	46286-NL-EPA
US	15/663067	July 28, 2017	46286-US-CNT
US	16/520487	July 24, 2019	46286-US-CNT[2]
US	13/706643	December 6, 2012	46286-US-PAT
DE	12190060.9	October 25, 2012	46334-DE-EPA
EP	12190060.9	October 25, 2012	46334-EP-EPA
FR	12190060.9	October 25, 2012	46334-FR-EPA
GB	12190060.9	October 25, 2012	46334-GB-EPA
US	13/660091	October 25, 2012	46334-US-PAT
DE	12888838.5	November 21, 2012	46392-DE-EPT
EP	12888838.5	November 21, 2012	46392-EP-EPT
FR	12888838.5	November 21, 2012	46392-FR-EPT
GB	12888838.5	November 21, 2012	46392-GB-EPT
US	14/646513	November 21, 2012	46392-US-PCT
WO	PCT/CA2012/050835	November 21, 2012	46392-WO-PCT

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EP	12191707.4	November 7, 2012	46405-EP-EPA
US	13/660359	October 25, 2012	46405-US-PAT
EP	13153120.4	January 29, 2013	46498-EP-EPA
US	13/752695	January 29, 2013	46498-US-PAT
CA	2845197	March 7, 2014	46528-CA-PAT
EP	13165229.9	April 24, 2013	46528-EP-EPA
US	13/801437	March 13, 2013	46528-US-PAT
EP	14163535.9	April 4, 2014	46556-EP-EPA
US	14/245149	April 4, 2014	46556-US-PAT
US	61/808935	April 5, 2013	46556-US-PRV
CA	2840674	January 23, 2014	46557-CA-PAT
DE	13153068.5	January 29, 2013	46557-DE-EPA
EP	13153068.5	January 29, 2013	46557-EP-EPA
FR	13153068.5	January 29, 2013	46557-FR-EPA
GB	13153068.5	January 29, 2013	46557-GB-EPA
HK	15100798.7	January 23, 2015	46557-HK-FPR
US	13/753236	January 29, 2013	46557-US-PAT
CA	2840656	January 23, 2014	46558-CA-PAT
EP	13153112.1	January 29, 2013	46558-EP-EPA
HK	15100799.6	January 23, 2015	46558-HK-FPR
US	13/753229	January 29, 2013	46558-US-PAT
CA	2835991	January 24, 2014	46559-CA-PAT
DE	13153065.1	January 29, 2013	46559-DE-EPA
EP	13153065.1	January 29, 2013	46559-EP-EPA
FR	13153065.1	January 29, 2013	46559-FR-EPA
GB	13153065.1	January 29, 2013	46559-GB-EPA
US	15/348196	November 10, 2016	46559-US-CNT
US	13/753198	January 29, 2013	46559-US-PAT
EP	13153113.9	January 29, 2013	46560-EP-EPA
US	13/753218	January 29, 2013	46560-US-PAT
DE	13153109.7	January 29, 2013	46561-DE-EPA
EP	13153109.7	January 29, 2013	46561-EP-EPA
FR	13153109.7	January 29, 2013	46561-FR-EPA

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GB	13153109.7	January 29, 2013	46561-GB-EPA
US	13/753162	January 29, 2013	46561-US-PAT
CA	2840730	January 24, 2014	46562-CA-PAT
DE	13153062.8	January 29, 2013	46562-DE-EPA
EP	13153062.8	January 29, 2013	46562-EP-EPA
FR	13153062.8	January 29, 2013	46562-FR-EPA
GB	13153062.8	January 29, 2013	46562-GB-EPA
US	14/943882	November 17, 2015	46562-US-CNT
US	13/753211	January 29, 2013	46562-US-PAT
EP	14181795.7	August 21, 2014	46639-EP-EPA
US	13/974506	August 23, 2013	46639-US-PAT
CA	2837398	December 18, 2013	46677-CA-PAT
DE	13158448.4	March 8, 2013	46677-DE-EPA
EP	13158448.4	March 8, 2013	46677-EP-EPA
FR	13158448.4	March 8, 2013	46677-FR-EPA
GB	13158448.4	March 8, 2013	46677-GB-EPA
US	13/790500	March 8, 2013	46677-US-PAT
US	61/739120	December 19, 2012	46677-US-PRV
EP	13159135.6	March 14, 2013	46678-EP-EPA
HK	15100128.8	January 7, 2015	46678-HK-FPR
US	13/826482	March 14, 2013	46678-US-PAT
US	61/750218	January 8, 2013	46678-US-PRV
EP	13159138.0	March 14, 2013	46679-EP-EPA
US	13/826582	March 14, 2013	46679-US-PAT
US	61/750210	January 8, 2013	46679-US-PRV
US	29/439986	December 18, 2012	46702-US-DES
EM	001375018-0001	June 13, 2013	46703-EM-CD
EM	001375018-0002	June 13, 2013	46703-EM-CD121
US	29/540300	September 23, 2015	46703-US-DED
US	29/439988	December 18, 2012	46703-US-DES
EM	001375000-0001	June 13, 2013	46704-EM-CD
EM	001375000-0002	June 13, 2013	46704-EM-CD121
US	29/439989	December 18, 2012	46704-US-DES

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CA	2837396	December 18, 2013	46720-CA-PAT
EP	13159127.3	March 14, 2013	46720-EP-EPA
US	13/804668	March 14, 2013	46720-US-PAT
US	61/739319	December 19, 2012	46720-US-PRV
DE	13163391.9	April 11, 2013	46783-DE-EPA
DE	15198570.2	December 9, 2015	46783-DE-EPD
EP	13163391.9	April 11, 2013	46783-EP-EPA
EP	15198570.2	December 9, 2015	46783-EP-EPD
FR	13163391.9	April 11, 2013	46783-FR-EPA
FR	15198570.2	December 9, 2015	46783-FR-EPD
GB	13163391.9	April 11, 2013	46783-GB-EPA
GB	15198570.2	December 9, 2015	46783-GB-EPD
NL	13163391.9	April 11, 2013	46783-NL-EPA
US	13/753187	January 29, 2013	46783-US-PAT
US	15/355729	November 18, 2016	46783-US-REI
CA	2840851	January 27, 2014	46927-CA-PAT
DE	13153105.5	January 29, 2013	46927-DE-EPA
EP	13153105.5	January 29, 2013	46927-EP-EPA
FR	13153105.5	January 29, 2013	46927-FR-EPA
GB	13153105.5	January 29, 2013	46927-GB-EPA
US	13/752983	January 29, 2013	46927-US-PAT
DE	13159435.0	March 15, 2013	47119-DE-EPA
EP	13159435.0	March 15, 2013	47119-EP-EPA
FR	13159435.0	March 15, 2013	47119-FR-EPA
GB	13159435.0	March 15, 2013	47119-GB-EPA
US	13/834014	March 15, 2013	47119-US-PAT
CA	2845382	March 12, 2014	47197-CA-PAT
DE	14159301.2	March 12, 2014	47197-DE-EPA
EP	14159301.2	March 12, 2014	47197-EP-EPA
FR	14159301.2	March 12, 2014	47197-FR-EPA
GB	14159301.2	March 12, 2014	47197-GB-EPA
NL	14159301.2	March 12, 2014	47197-NL-EPA
US	16/371577	April 1, 2019	47197-US-CNT

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US	13/974658	August 23, 2013	47197-US-PAT
US	61/792143	March 15, 2013	47197-US-PRV
CA	2845405	March 12, 2014	47198-CA-PAT
DE	14159302.0	March 12, 2014	47198-DE-EPA
EP	14159302.0	March 12, 2014	47198-EP-EPA
EP	18193564.4	September 10, 2018	47198-EP-EPD
FR	14159302.0	March 12, 2014	47198-FR-EPA
GB	14159302.0	March 12, 2014	47198-GB-EPA
US	15/387959	December 22, 2016	47198-US-CNT[2]
US	13/974694	August 23, 2013	47198-US-PAT
US	61/792323	March 15, 2013	47198-US-PRV
EP	14163536.7	April 4, 2014	47318-EP-EPA
US	15/719201	September 28, 2017	47318-US-CNT
US	14/245142	April 4, 2014	47318-US-PAT
US	61/808943	April 5, 2013	47318-US-PRV
EP	13167544.9	May 13, 2013	47357-1-EP-EPA
US	13/892995	May 13, 2013	47357-1-US-PAT
EP	14167647.8	May 9, 2014	47357-2-EP-EPA
US	14/274386	May 9, 2014	47357-2-US-PAT
US	61/822730	May 13, 2013	47357-2-US-PRV
EP	14167646.0	May 9, 2014	47357-3-EP-EPA
US	14/274403	May 9, 2014	47357-3-US-PAT
US	61/822756	May 13, 2013	47357-3-US-PRV
EP	13167543.1	May 13, 2013	47357-EP-EPA
US	13/893025	May 13, 2013	47357-US-PAT
DE	13173059.0	June 20, 2013	47443-DE-EPA
EP	13173059.0	June 20, 2013	47443-EP-EPA
FR	13173059.0	June 20, 2013	47443-FR-EPA
GB	13173059.0	June 20, 2013	47443-GB-EPA
US	13/922589	June 20, 2013	47443-US-PAT
EP	13173119.2	June 20, 2013	47444-EP-EPA
US	13/922965	June 20, 2013	47444-US-PAT
CA	2843547	February 24, 2014	47557-CA-PAT

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EP	13167947.4	May 15, 2013	47557-EP-EPA
US	13/894995	May 15, 2013	47557-US-PAT
CA	2854551	June 17, 2014	47613-CA-PAT
DE	13172910.5	June 19, 2013	47613-DE-EPA
EP	13172910.5	June 19, 2013	47613-EP-EPA
FR	13172910.5	June 19, 2013	47613-FR-EPA
GB	13172910.5	June 19, 2013	47613-GB-EPA
HK	15106002.6	June 24, 2015	47613-HK-FPR
US	15/075581	March 21, 2016	47613-US-CNT
US	13/921587	June 19, 2013	47613-US-PAT
CA	2869791	November 4, 2014	47659-CA-PAT
CN	201410636786.6	November 6, 2014	47659-CN-PAT
DE	14191915.9	November 5, 2014	47659-DE-EPA
EP	14191915.9	November 5, 2014	47659-EP-EPA
FR	14191915.9	November 5, 2014	47659-FR-EPA
GB	14191915.9	November 5, 2014	47659-GB-EPA
US	14/072939	November 6, 2013	47659-US-PAT
US	15/982921	May 17, 2018	47659-US-REI
DE	13173052.5	June 20, 2013	47680-1-DE-EPA
EP	13173052.5	June 20, 2013	47680-1-EP-EPA
FR	13173052.5	June 20, 2013	47680-1-FR-EPA
GB	13173052.5	June 20, 2013	47680-1-GB-EPA
US	15/012056	February 1, 2016	47680-1-US-CNT
US	13/922900	June 20, 2013	47680-1-US-PAT
DE	13173053.3	June 20, 2013	47680-2-DE-EPA
EP	13173053.3	June 20, 2013	47680-2-EP-EPA
FR	13173053.3	June 20, 2013	47680-2-FR-EPA
GB	13173053.3	June 20, 2013	47680-2-GB-EPA
US	13/922970	June 20, 2013	47680-2-US-PAT
DE	13173047.5	June 20, 2013	47680-DE-EPA
EP	13173047.5	June 20, 2013	47680-EP-EPA
FR	13173047.5	June 20, 2013	47680-FR-EPA
GB	13173047.5	June 20, 2013	47680-GB-EPA

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US	13/922941	June 20, 2013	47680-US-PAT
EP	14186182.3	September 24, 2014	47682-1-EP-EPA
US	14/034923	September 24, 2013	47682-1-US-PAT
EP	14186181.5	September 24, 2014	47682-EP-EPA
US	14/035286	September 24, 2013	47682-US-PAT
DE	15157968.7	March 6, 2015	47843-DE-EPA
EP	15157968.7	March 6, 2015	47843-EP-EPA
FR	15157968.7	March 6, 2015	47843-FR-EPA
GB	15157968.7	March 6, 2015	47843-GB-EPA
US	14/200902	March 7, 2014	47843-US-PAT
CA	2867250	October 7, 2014	47886-CA-PAT
DE	14187921.3	October 7, 2014	47886-DE-EPA
EP	14187921.3	October 7, 2014	47886-EP-EPA
FR	14187921.3	October 7, 2014	47886-FR-EPA
GB	14187921.3	October 7, 2014	47886-GB-EPA
US	14/842469	September 1, 2015	47886-US-CNT
US	14/048784	October 8, 2013	47886-US-PAT
DE	14194593.1	November 24, 2014	47887-DE-EPA
EP	14194593.1	November 24, 2014	47887-EP-EPA
FR	14194593.1	November 24, 2014	47887-FR-EPA
GB	14194593.1	November 24, 2014	47887-GB-EPA
US	14/089318	November 25, 2013	47887-US-PAT
EP	15158082.6	March 6, 2015	48237-EP-EPA
US	14/245478	April 4, 2014	48237-US-PAT
CN	201780049922.3	August 18, 2017	48489-CN-PCT
EP	17840674.0	August 18, 2017	48489-EP-EPT
IN	201947004903	August 18, 2017	48489-IN-PCT
JP	2019-508947	August 18, 2017	48489-JP-PCT
US	15/988372	May 24, 2018	48489-US-CNT
US	16/524398	July 29, 2019	48489-US-CNT[2]
US	15/242150	August 19, 2016	48489-US-PAT
WO	PCT/CA2017/050976	August 18, 2017	48489-WO-PCT
DE	15176119.4	July 9, 2015	48502-DE-EPA

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EP	15176119.4	July 9, 2015	48502-EP-EPA
FR	15176119.4	July 9, 2015	48502-FR-EPA
GB	15176119.4	July 9, 2015	48502-GB-EPA
HK	16107961.2	July 7, 2016	48502-HK-FPR
US	151701188	September 11, 2017	48502-US-CNT
US	141794160	July 8, 2015	48502-US-PAT
US	621022361	July 9, 2014	48502-US-PRV
DE	17157981.6	February 24, 2017	48503-DE-EPA
EP	17157981.6	February 24, 2017	48503-EP-EPA
FR	17157981.6	February 24, 2017	48503-FR-EPA
GB	17157981.6	February 24, 2017	48503-GB-EPA
US	151054937	February 26, 2016	48503-US-PAT
CA	2893097	May 28, 2015	48650-CA-PAT
CN	201510288926.X	May 29, 2015	48650-CN-PAT
DE	15169926.1	May 29, 2015	48650-DE-EPA
EP	15169926.1	May 29, 2015	48650-EP-EPA
FR	15169926.1	May 29, 2015	48650-FR-EPA
GB	15169926.1	May 29, 2015	48650-GB-EPA
US	141290114	May 29, 2014	48650-US-PAT
CA	2894316	June 10, 2015	48657-CA-PAT
DE	15171513.3	June 10, 2015	48657-DE-EPA
EP	15171513.3	June 10, 2015	48657-EP-EPA
FR	15171513.3	June 10, 2015	48657-FR-EPA
GB	15171513.3	June 10, 2015	48657-GB-EPA
HK	16106964.1	June 16, 2016	48657-HK-FPR
NL	15171513.3	June 10, 2015	48657-NL-EPA
US	141302541	June 12, 2014	48657-US-PAT
DE	15169699.4	May 28, 2015	48670-DE-EPA
EP	15169699.4	May 28, 2015	48670-EP-EPA
FR	15169699.4	May 28, 2015	48670-FR-EPA
GB	15169699.4	May 28, 2015	48670-GB-EPA
US	141290264	May 29, 2014	48670-US-PAT
DE	15169856.0	May 29, 2015	48671-DE-EPA

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EP	15169856.0	May 29, 2015	48671-EP-EPA
FR	15169856.0	May 29, 2015	48671-FR-EPA
GB	15169856.0	May 29, 2015	48671-GB-EPA
US	14/290184	May 29, 2014	48671-US-PAT
CA	2892715	May 26, 2015	48673-CA-PAT
CN	201510282274.9	May 28, 2015	48673-CN-PAT
EP	15169272.0	May 26, 2015	48673-EP-EPA
US	14/290316	May 29, 2014	48673-US-PAT
CA	2892716	May 26, 2015	48676-CA-PAT
CN	201510278053.4	May 27, 2015	48676-CN-PAT
DE	15169230.8	May 26, 2015	48676-DE-EPA
EP	15169230.8	May 26, 2015	48676-EP-EPA
FR	15169230.8	May 26, 2015	48676-FR-EPA
GB	15169230.8	May 26, 2015	48676-GB-EPA
HK	16108921.9	July 26, 2016	48676-HK-FPR
US	14/290378	May 29, 2014	48676-US-PAT
EP	15742210.6	July 17, 2015	48694-EP-EPT
US	14/334360	July 17, 2014	48694-US-PAT
WO	PCT/EP2015/066500	July 17, 2015	48694-WO-PCT
DE	15178142.4	July 23, 2015	48791-DE-EPA
EP	15178142.4	July 23, 2015	48791-EP-EPA
FR	15178142.4	July 23, 2015	48791-FR-EPA
GB	15178142.4	July 23, 2015	48791-GB-EPA
US	14/807441	July 23, 2015	48791-US-PAT
US	62/029190	July 25, 2014	48791-US-PRV
DE	15188091.1	October 2, 2015	48880-DE-EPA
EP	15188091.1	October 2, 2015	48880-EP-EPA
FR	15188091.1	October 2, 2015	48880-FR-EPA
GB	15188091.1	October 2, 2015	48880-GB-EPA
US	14/506048	October 3, 2014	48880-US-PAT
DE	15150209.3	January 6, 2015	48887-DE-EPA
EP	15150209.3	January 6, 2015	48887-EP-EPA
FR	15150209.3	January 6, 2015	48887-FR-EPA

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GB	15150209.3	January 6, 2015	48887-GB-EPA
US	14/590185	January 6, 2015	48887-US-PAT
US	61/923831	January 6, 2014	48887-US-PRV
DE	15150208.5	January 6, 2015	48888-DE-EPA
EP	15150208.5	January 6, 2015	48888-EP-EPA
FR	15150208.5	January 6, 2015	48888-FR-EPA
GB	15150208.5	January 6, 2015	48888-GB-EPA
US	14/590280	January 6, 2015	48888-US-PAT
US	61/923837	January 6, 2014	48888-US-PRV
DE	15168529.4	May 20, 2015	48889-DE-EPA
EP	15168529.4	May 20, 2015	48889-EP-EPA
FR	15168529.4	May 20, 2015	48889-FR-EPA
GB	15168529.4	May 20, 2015	48889-GB-EPA
US	14/717376	May 20, 2015	48889-US-PAT
US	62/000793	May 20, 2014	48889-US-PRV
DE	15195721.4	November 20, 2015	48977-DE-EPA
EP	15195721.4	November 20, 2015	48977-EP-EPA
FR	15195721.4	November 20, 2015	48977-FR-EPA
GB	15195721.4	November 20, 2015	48977-GB-EPA
US	14/550660	November 21, 2014	48977-US-PAT
EP	15201780.2	December 21, 2015	49016-EP-EPA
US	14/975077	December 18, 2015	49016-US-PAT
US	62/095510	December 22, 2014	49016-US-PRV
CA	2975862	August 11, 2017	49117-CA-PAT
CN	201710689703.3	August 11, 2017	49117-CN-PAT
EP	17185411.0	August 8, 2017	49117-EP-EPA
US	15/235525	August 12, 2016	49117-US-PAT
CA	2947562	November 4, 2016	49118-CA-PAT
EP	16197407.6	November 4, 2016	49118-EP-EPA
US	14/935057	November 6, 2015	49118-US-PAT
CA	2975860	August 11, 2017	49119-CA-PAT
CN	201710689847.9	August 11, 2017	49119-CN-PAT
EP	17185412.8	August 8, 2017	49119-EP-EPA

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US	15/235515	August 12, 2016	49119-US-PAT
DE	16168291.9	May 3, 2016	49221-DE-EPA
EP	16168291.9	May 4, 2016	49221-EP-EPA
FR	16168291.9	May 3, 2016	49221-FR-EPA
GB	16168291.9	May 3, 2016	49221-GB-EPA
US	15/704705	September 14, 2017	49221-US-CNT
US	14/725560	May 29, 2015	49221-US-PAT
CA	2931821	May 27, 2016	49309-CA-PAT
DE	16171788.9	May 27, 2016	49309-DE-EPA
EP	16171788.9	May 27, 2016	49309-EP-EPA
FR	16171788.9	May 27, 2016	49309-FR-EPA
GB	16171788.9	May 27, 2016	49309-GB-EPA
US	15/730387	October 11, 2017	49309-US-CNT
US	14/725450	May 29, 2015	49309-US-PAT
CN	201680081709.6	June 27, 2016	49997-CN-PCT
EP	16885473.5	June 27, 2016	49997-EP-EPT
US	16/173918	October 29, 2018	49997-US-CNT
US	15/429379	February 10, 2017	49997-US-PCT
US	62/286047	January 22, 2016	49997-US-PRV
WO	PCT/CA2016/050748	June 27, 2016	49997-WO-PCT
CN	201780067720.1	September 19, 2017	50080-CN-PCT
EP	17192200.8	September 20, 2017	50080-EP-EPA
JP	2019-537024	September 19, 2017	50080-JP-PCT
KR	10-2019-7010407	September 19, 2017	50080-KR-PCT
US	15/271170	September 20, 2016	50080-US-PAT
WO	PCT/US2017/052268	September 19, 2017	50080-WO-PCT
EP	17854290.8	September 27, 2017	50130-EP-EPT
US	15/693814	September 1, 2017	50130-US-PAT
US	62/401764	September 29, 2016	50130-US-PRV
WO	PCT/CA2017/051140	September 27, 2017	50130-WO-PCT
EP	17179875.4	July 5, 2017	50160-EP-EPA
EP	17198481.8	October 26, 2017	50160-EP-EPA[2]
HK	19120131.8	February 27, 2019	50160-HK-FPR[2]

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US	15/454848	March 9, 2017	50160-US-CIP
US	15/445657	February 28, 2017	50160-US-PAT
US	62/414491	October 28, 2016	50160-US-PRV
EP	18183808.7	July 16, 2018	50169-EP-EPA
US	15/658145	July 24, 2017	50169-US-PAT
EP	17844752.0	August 31, 2017	50187-EP-EPT
US	15/254654	September 1, 2016	50187-US-PAT
WO	PCT/CA2017/051030	August 31, 2017	50187-WO-PCT
EP	17844751.2	August 31, 2017	50195-EP-EPT
US	15/254722	September 1, 2016	50195-US-PAT
WO	PCT/CA2017/051029	August 31, 2017	50195-WO-PCT
EP	17187485.2	August 23, 2017	50211-EP-EPA
US	15/255921	September 2, 2016	50211-US-PAT
CA	3022640	October 30, 2018	50215-1-CA-PAT
EP	18207356.9	November 20, 2018	50215-1-EP-EPA
US	15/821374	November 22, 2017	50215-1-US-PAT
CA	3022644	October 30, 2018	50215-CA-PAT
EP	18207357.7	November 20, 2018	50215-EP-EPA
US	15/821390	November 22, 2017	50215-US-PAT
EP	17185031.6	August 4, 2017	50218-EP-EPA
US	15/229857	August 5, 2016	50218-US-PAT
CA	3030927	July 19, 2017	50220-CA-PCT
CN	201780054298.6	July 19, 2017	50220-CN-PCT
EP	17830152.9	July 19, 2017	50220-EP-EPT
JP	2019-502667	July 19, 2017	50220-JP-PCT
KR	10-2019-7004735	July 19, 2017	50220-KR-PCT
US	16/363150	March 25, 2019	50220-US-CNT
US	15/213874	July 19, 2016	50220-US-PAT
WO	PCT/CA2017/050869	July 19, 2017	50220-WO-PCT
CA	2995102	February 14, 2018	50238-CA-PAT
CN	201810149544.2	February 13, 2018	50238-CN-PAT
EP	18156893.2	February 15, 2018	50238-EP-EPA
HK	19119766.4	February 20, 2019	50238-HK-FPR

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US	15/436311	February 17, 2017	50238-US-PAT
CA	2989759	December 21, 2017	50239-CA-PAT
CN	201711398579.1	December 21, 2017	50239-CN-PAT
EP	17208009.5	December 18, 2017	50239-EP-EPA
US	15/398371	January 4, 2017	50239-US-PAT
CA	2995525	February 16, 2018	50240-CA-PAT
CN	201810156092.0	February 23, 2018	50240-CN-PAT
EP	18156892.4	February 15, 2018	50240-EP-EPA
US	15/440977	February 23, 2017	50240-US-PAT
CA	2979653	September 20, 2017	50253-CA-PAT
CN	201710858268.2	September 20, 2017	50253-CN-PAT
DE	17191018.5	September 14, 2017	50253-DE-EPA
EP	17191018.5	September 14, 2017	50253-EP-EPA
FR	17191018.5	September 14, 2017	50253-FR-EPA
GB	17191018.5	September 14, 2017	50253-GB-EPA
HK	18111335.1	September 4, 2018	50253-HK-FPR
IN	201714031426	September 5, 2017	50253-IN-PAT
US	16/385605	April 16, 2019	50253-US-DIV
US	15/270957	September 20, 2016	50253-US-PAT
EP	17854286.6	September 21, 2017	50257-EP-EPT
US	16/570044	September 13, 2019	50257-US-CNT
US	15/280717	September 29, 2016	50257-US-PAT
WO	PCT/CA2017/051108	September 21, 2017	50257-WO-PCT
EP	17873672.4	November 23, 2017	50274-EP-EPT
US	15/821196	November 22, 2017	50274-US-PAT
US	62/425912	November 23, 2016	50274-US-PRV
WO	PCT/CA2017/051409	November 23, 2017	50274-WO-PCT
EP	17874170.8	November 23, 2017	50275-EP-EPT
US	15/821226	November 22, 2017	50275-US-PAT
US	62/425928	November 23, 2016	50275-US-PRV
WO	PCT/CA2017/051408	November 23, 2017	50275-WO-PCT
CN	201880046362.0	May 8, 2018	50308-CN-PCT
EP	18797853.1	May 8, 2018	50308-EP-EPT

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US	15/593957	May 12, 2017	50308-US-PAT
WO	PCT/CA2018/050544	May 8, 2018	50308-WO-PCT
CA	3051723	January 30, 2018	50310-CA-PCT
CN	201880016108.6	January 30, 2018	50310-CN-PCT
EP	18702673.7	January 30, 2018	50310-EP-EPT
IN	201947034955	January 30, 2018	50310-IN-PCT
JP	2019-540520	January 30, 2018	50310-JP-PCT
KR	10-2019-7025114	January 30, 2018	50310-KR-PCT
MX	MX/a/2019/008876	January 30, 2018	50310-MX-PCT
US	16/119044	August 31, 2018	50310-US-CNT
US	16/529605	August 1, 2019	50310-US-CNT[2]
US	15/419321	January 30, 2017	50310-US-PAT
WO	PCT/EP2018/052305	January 30, 2018	50310-WO-PCT
CA	2990213	December 22, 2017	50332-CA-PAT
CN	201810006408.8	January 3, 2018	50332-CN-PAT
EP	18150297.2	January 4, 2018	50332-EP-EPA
US	15/839348	December 12, 2017	50332-US-PAT
US	62/442297	January 4, 2017	50332-US-PRV
CA	2990207	December 27, 2017	50333-CA-PAT
CA	2990204	December 22, 2017	50333-CA-PAT[2]
CN	201810007137.8	January 3, 2018	50333-CN-PAT
CN	201810007136.3	January 3, 2018	50333-CN-PAT[2]
EP	18150266.7	January 4, 2018	50333-EP-EPA
EP	18150255.0	January 4, 2018	50333-EP-EPA[2]
US	15/835215	December 7, 2017	50333-US-PAT
US	15/835187	December 7, 2017	50333-US-PAT[2]
US	62/442284	January 4, 2017	50333-US-PRV
EP	18810387.3	May 25, 2018	50369-EP-EPT
US	15/610139	May 31, 2017	50369-US-PAT
WO	PCT/CA2018/050611	May 25, 2018	50369-WO-PCT
CA	3012368	July 25, 2018	50390-CA-PAT
CN	201810899922.9	August 8, 2018	50390-CN-PAT
EP	18187938.8	August 8, 2018	50390-EP-EPA

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US	15/672808	August 9, 2017	50390-US-PAT
CA	3012774	July 30, 2018	50395-CA-PAT
CN	201810896756.7	August 8, 2018	50395-CN-PAT
EP	18188425.5	August 10, 2018	50395-EP-EPA
US	15/675359	August 11, 2017	50395-US-PAT
CA	3011462	July 16, 2018	50399-CA-PAT
CN	201810851249.1	July 27, 2018	50399-CN-PAT
EP	18186606.2	July 31, 2018	50399-EP-EPA
US	15/667386	August 2, 2017	50399-US-PAT
EP	18187684.8	August 7, 2018	50400-EP-EPA
US	15/681891	August 21, 2017	50400-US-PAT
US	16/396206	April 26, 2019	50414-US-PAT
EP	18188836.3	August 14, 2018	50442-EP-EPA
US	15/720715	September 29, 2017	50442-US-PAT
EP	18184818.5	July 20, 2018	50443-EP-EPA
US	15/807004	November 8, 2017	50443-US-PAT
US	62/547461	August 18, 2017	50443-US-PRV
EP	18187088.2	August 2, 2018	50446-EP-EPA
US	15/807025	November 8, 2017	50446-US-PAT
US	62/547422	August 18, 2017	50446-US-PRV
EP	19153002.1	January 22, 2019	50450-EP-EPA
US	15/877860	January 23, 2018	50450-US-PAT
EP	19174894.6	May 16, 2019	50451-EP-EPA
US	15/985768	May 22, 2018	50451-US-PAT
WO	PCT/IB2018/051444	March 6, 2018	50457-WO-PCT
CA	3034908	February 26, 2019	50462-CA-PAT
CN	201910148485.1	February 28, 2019	50462-CN-PAT
EP	19159296.3	February 26, 2019	50462-EP-EPA
HK	42020003529	February 28, 2020	50462-HK-FPR
IN	201944007676	February 27, 2019	50462-IN-PAT
US	15/907887	February 28, 2018	50462-US-PAT
US	16/149732	October 2, 2018	50463-US-PAT
US	15/958318	April 20, 2018	50476-US-PAT

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WO	PCT/EP2018/081427	November 15, 2018	50476-WO-PCT
EP	18187102.1	August 2, 2018	50485-EP-EPA
US	15/862224	January 4, 2018	50485-US-PAT
EP	18305038.4	January 18, 2018	50503-EP-EPA
HK	42020001975.0	January 23, 2020	50503-HK-FPR
US	62/619458	January 19, 2018	50503-US-PRV
WO	PCT/CA2019/050036	January 10, 2019	50503-WO-PCT
EP	18305037.6	January 18, 2018	50504-EP-EPA
HK	42020001976.8	January 23, 2020	50504-HK-FPR
US	62/619475	January 19, 2018	50504-US-PRV
WO	PCT/CA2019/050039	January 10, 2019	50504-WO-PCT
CA	3035364	March 1, 2019	50505-CA-PAT
CN	201910174192.0	March 7, 2019	50505-CN-PAT
EP	19161577.2	March 8, 2019	50505-EP-EPA
US	15/915673	March 8, 2018	50505-US-PAT
EP	19179138.3	June 7, 2019	50547-EP-EPA
US	16/006155	June 12, 2018	50547-US-PAT
EP	18305415.4	April 9, 2018	50550-EP-EPA
WO	PCT/CA2019/050399	April 3, 2019	50550-WO-PCT
US	16/132532	September 17, 2018	50564-US-PAT
WO	PCT/CA2019/050979	July 16, 2019	50564-WO-PCT
EP	18305416.2	April 9, 2018	50581-EP-EPA
WO	PCT/CA2019/050400	April 3, 2019	50581-WO-PCT
EP	18305417.0	April 9, 2018	50582-EP-EPA
WO	PCT/CA2019/050402	April 3, 2019	50582-WO-PCT
EP	18186493.5	July 31, 2018	50583-EP-EPA
US	15/940333	March 29, 2018	50583-US-CIP
EP	19201175.7	October 2, 2019	50591-EP-EPA
US	16/175461	October 30, 2018	50591-US-PAT
EP	18305926.0	July 10, 2018	50617-EP-EPA
WO	PCT/CA2019/050937	July 8, 2019	50617-WO-PCT
EP	18305925.2	July 10, 2018	50618-EP-EPA
WO	PCT/CA2019/050938	July 8, 2019	50618-WO-PCT

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EP	18306296.7	October 2, 2018	50637-EP-EPA
WO	PCT/CA2019/051257	September 9, 2019	50637-WO-PCT
EP	18305938.5	July 11, 2018	50642-EP-EPA
WO	PCT/CA2019/050939	July 8, 2019	50642-WO-PCT
CA	3051813	August 13, 2019	50669-CA-PAT
CN	201910879990.3	September 18, 2019	50669-CN-PAT
EP	19197800.6	September 17, 2019	50669-EP-EPA
US	16/135401	September 19, 2018	50669-US-PAT
EP	18306304.9	October 3, 2018	50694-EP-EPA
WO	PCT/CA2019/051258	September 9, 2019	50694-WO-PCT
EP	20159925.5	February 27, 2020	50761-EP-EPA
US	16/377879	April 8, 2019	50761-US-PAT
EP	19219978.4	December 30, 2019	50797-EP-EPA
US	16/241327	January 7, 2019	50797-US-PAT
US	16/356098	March 18, 2019	50807-US-PAT
WO	PCT/EP2020/056734	March 12, 2020	50807-WO-PCT
US	16/356087	March 18, 2019	50831-US-PAT
WO	PCT/EP2020/056733	March 12, 2020	50831-WO-PCT
CA	3073431	February 21, 2020	50847-CA-PAT
EP	20162089.5	March 10, 2020	50847-EP-EPA
US	16/449901	June 24, 2019	50847-US-PAT
US	16/505763	July 9, 2019	50869-US-PAT
US	16/456150	June 28, 2019	50881-1-US-PAT
US	16/456082	June 28, 2019	50881-US-PAT
US	16/598137	October 10, 2019	50882-US-PAT
US	16/506545	July 9, 2019	50887-US-PAT
US	16/505933	July 9, 2019	50888-US-PAT

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