

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6671451

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	DOW GLOBAL TECHNOLOGIES LLC	11/01/2018
RECEIVING PARTY DATA		
Name:	THE DOW CHEMICAL COMPANY	
Street Address:	2030 DOW CENTER	
City:	MIDLAND	
State/Country:	MICHIGAN	
Postal Code:	48674	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	16461667
CORRESPONDENCE DATA		
Fax Number:	(302)355-4743	
<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:	3029994233	
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Correspondent Name:	FRANCES TOUTKALDJIAN	
Address Line 1:	974 CENTRE ROAD	
Address Line 2:	DUPONT LEGAL, CRP721/2271	
Address Line 4:	WILMINGTON, DELAWARE 19805	
ATTORNEY DOCKET NUMBER:	DI79321-US-PCT	
NAME OF SUBMITTER:	FRANCES TOUTKALDJIAN	
SIGNATURE:	/Frances Toutkaldjian/	
DATE SIGNED:	04/22/2021	
Total Attachments: 376		
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PATENT ASSIGNMENT

This PATENT ASSIGNMENT (this “Assignment”), dated as of November 1, 2018 (the “Effective Date”), is by and between Dow Global Technologies LLC, a Delaware limited liability company (“Assignor”) and The Dow Chemical Company, a Delaware corporation (“Assignee”), (each a “Party” and collectively, the “Parties”).

WHEREAS, Assignor owns the issued patents and patent applications set forth on Schedule A hereto (the foregoing, including all patents issuing from any patent applications, collectively, the “Assigned Patents”); and

WHEREAS, the Parties hereto agree that the Assignor contribute, transfer, assign and convey to the Assignee all of its right, title and interest in and to the Assigned Patents and that the Assignee accept such contribution, transfer, assignment and conveyance of such Assigned Patents;

NOW, THEREFORE, in consideration of the foregoing and the covenants and agreements contained in this Assignment, the receipt and sufficiency of which are hereby acknowledged, the Parties hereby agree as follows:

1. Conveyance. Assignor hereby assigns, transfers and conveys to Assignee all of Assignor’s right, title and interest in and to the Assigned Patents, together with any and all (a) related continuations, continuations-in-part, divisionals, reissues, reexaminations, substitutions, extensions, and foreign equivalents thereof and (b) priority rights derived from any the Assigned Patents, or the items described in the foregoing subsection (a), by virtue of the International Convention for the Protection of Industrial Property and any other rights provided under applicable treaties or conventions, including rights in any and all provisional applications, together with all rights and remedies against past, present, and future infringement, misappropriation, or other violation thereof, including the right to enforce the foregoing and to sue for and recover profits and damages for any and all infringements, misappropriations or violations thereof, whether past, present or future, to the full end of the term or terms for which said patents may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor without this assignment (the rights transferred under this Section 1 cumulatively, the “Assigned Rights”).

2. Recordation; Further Assurances. Assignor and Assignee shall each take any and all additional actions as may be reasonably necessary to effect the transactions contemplated hereby, including Assignor’s execution of individual assignment documentation prepared by Assignee at Assignee’s expense for filing with the authorities of each individual country. In furtherance of the foregoing, Assignor agrees that with respect to the Assigned Patents it will enter into an assignment agreement suitable for filing with the authorities of each individual country (each an “Recordal Instrument”). The Parties agree that any Recordal Instrument shall give no greater rights or remedies in respect of the transaction completed in such Recordal Instrument than those provided for herein and Section 4 of this Assignment shall apply to any

Recordal Instrument as if fully set forth therein. As between the Parties, the responsibility to file assignments with the national patent offices of each country for the Assigned Patents shall be on the Assignee and the Assignee shall bear the cost of filing such assignments (unless, as of the Effective Date, the patent registration or application is not properly recorded in the name of the Assignor or an Affiliate of Assignor, in which case, at the request of Assignee, the Parties shall reasonably cooperate to make the necessary corrective filings and records of the documents that are available to them and shall split evenly any expenses in connection with the foregoing corrections and each Party shall provide any receipts and expense documentation to the other Party for the purposes of splitting such expenses).

3. Prosecution and Maintenance. For the avoidance of doubt but without limiting the obligations set forth in Section 2 hereof, as of and following the Effective Date, Assignor will have no responsibility to take any action to maintain any of the patents included in the Assigned Rights or further prosecute or seek issuance of any patent applications included in the Assigned Rights, including payment of fees, responses to any office action or other inquiries from agents of governmental entities or registrars, or otherwise.

4. No Claims. Except with respect to Section 2 of this Assignment, neither Party nor any of their respective affiliates or representatives will have, or be subject to, any liability or indemnification obligation under this Assignment to the other Party, any of its affiliates or representatives or any other entity or person resulting from, or in connection with, this Assignment or the transactions contemplated hereby. Except with respect to Section 2, each of the Parties hereby agrees (a) not to bring any claim or Action (as defined herein) under this Assignment against the other Party, its affiliates or representatives and (b) to cause its respective affiliates and representatives to comply with this Section 4. "Action" shall mean any claims, actions, suits, inquiries, proceedings or investigations by or before any governmental authority or arbitral tribunal.

5. Disclaimer of Representations and Warranties. ASSIGNEE (ON BEHALF OF ITSELF AND ITS AFFILIATES) UNDERSTANDS AND AGREES THAT NO PARTY TO THIS ASSIGNMENT IS REPRESENTING OR WARRANTING IN ANY WAY IN THIS ASSIGNMENT, AND HEREBY EXPRESSLY DISCLAIMS ALL REPRESENTATIONS AND WARRANTIES, AS TO THE ASSIGNED PATENTS AND THE OTHER ASSIGNED RIGHTS, AS TO ANY CONSENTS OR APPROVALS (INCLUDING APPROVALS FROM ANY GOVERNMENTAL ENTITIES) REQUIRED IN CONNECTION HERewith OR THEREWITH, AS TO THE VALUE OR FREEDOM FROM ANY SECURITY INTERESTS OF OR THE NON-INFRINGEMENT OR ABSENCE OF OTHER VIOLATION, VALIDITY OR ENFORCEABILITY OR ANY OTHER MATTER CONCERNING THE ASSIGNED PATENTS AND OTHER PATENTS AND PATENT APPLICATIONS INCLUDED IN THE ASSIGNED RIGHTS, AND ALL OF THE ASSIGNED PATENTS AND OTHER ASSIGNED RIGHTS ARE BEING TRANSFERRED ON AN "AS IS, WHERE IS" AND "WITH ALL FAULTS" BASIS.

6. Successors and Assigns. The provisions of this Assignment and the obligations and rights hereunder shall be binding upon, inure to the benefit of and be enforceable by (and against) the Parties and their respective successors and permitted transferees and assigns.

7. Counterparts. This Assignment may be executed in more than one counterpart, all of which shall be considered one and the same agreement, and shall become effective when one or more such counterparts have been signed by each of the Parties and delivered to each of the Parties.

8. Title and Headings. Titles and headings to sections herein are inserted for the convenience of reference only and are not intended to be a part of or to affect the meaning or interpretation of this Assignment.

9. Governing Law. This Assignment and any dispute arising out of, in connection with or relating to this Assignment shall be governed by and construed in accordance with the Laws of the State of Delaware, without giving effect to the conflicts of laws principles thereof.

[Signature Page Follows]

IN WITNESS WHEREOF, Assignor and Assignee have duly executed this Assignment as of the date first written above.

ASSIGNOR:

DOW GLOBAL TECHNOLOGIES LLC

By: Elisabeth T. Jozwiak
Name: Elisabeth T. Jozwiak
Title: Secretary

THE STATE OF Texas

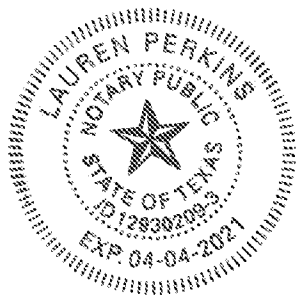
County of Brazoria

This instrument was executed before me on this 31st day of October, 2019, by Elisabeth T. Jozwiak, the Secretary (title) of Dow Global Technologies LLC, a Delaware limited liability company.

Lauren Perkins
Notary Public in and for
The State of Texas

Lauren Perkins
Printed or Typed Name of Notary

My commission expires 4/4/21



Signature Page to Patent Assignment

Acknowledged and Accepted:

ASSIGNEE:

THE DOW CHEMICAL COMPANY

By: [Signature]

Name: Darryl P. Frickey

Title: Assistant General Counsel, IP Law

THE STATE OF MICHIGAN

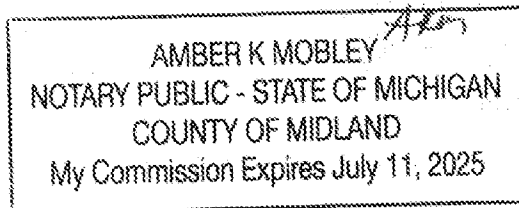
County of Midland

This instrument was executed before me on this 4th day of November, 2018, by
Darryl P. Frickey, the Assistant General Counsel, IP Law (title) of The Dow Chemical Company, a
Delaware corporation, on behalf of said company.

[Signature]
Notary Public in and for
The State of Michigan

Amber K Mobley
Printed or Typed Name of Notary

My commission expires July 11, 2025



Signature Page to Patent Assignment

SCHEDULE A TO PATENT ASSIGNMENT

SCHEDULE A
PATENTS

PATENT NUMBER	COUNTRY	TITLE	OWNER	PENDING DATE	APP. NUMBER	PUB. NUMBER	GRANT DATE	GRANT NUMBER
44503-CN-PCT	China	POLYURETHANE SEALANT COMPOSITION AMINE ORGANOBORANE COMPLEX POLYMERIZATION INITIATORS AND POLYMERIZABLE COMPOSITIONS	DOW GLOBAL TECHNOLOGIES INC	02/04/2000	00804624.7	1342188	10/19/2005	00804624.7
60043A-US-CIP[1]	United States Of America		DOW GLOBAL TECHNOLOGIES LLC	06/15/2001	09/881980	2002-0058764	05/04/2004	6730759
61066-CN-PCT	China	ONE-PART MOISTURE CURABLE POLYURETHANE ADHESIVE	DOW GLOBAL TECHNOLOGIES INC	08/07/2001	01813849.7	1446236	10/06/2005	01813849.7
61066-DE-EPT	Germany	ONE-PART MOISTURE CURABLE POLYURETHANE ADHESIVE	DOW GLOBAL TECHNOLOGIES INC	08/07/2001	01961926.1	1311574	11/02/2006	60124264.5
61066-US-NP	United States Of America	ONE-PART MOISTURE CURABLE POLYURETHANE ADHESIVE SILANE FUNCTIONAL ADHESIVE COMPOSITION AND METHOD OF BONDING A WINDOW TO A SUBSTRATE WITHOUT A PRIMER	DOW GLOBAL TECHNOLOGIES LLC	08/07/2001	09/928980	2002-0061962	03/23/2004	6709539
61096-US-NP	United States Of America	SILANE FUNCTIONAL ADHESIVE COMPOSITION AND METHOD OF BONDING A WINDOW TO A SUBSTRATE WITHOUT A PRIMER	DOW GLOBAL TECHNOLOGIES LLC	03/04/2002	10/090848	2003-0173026	11/18/2003	6649016
61096A-CH-EPT	Switzerland	SILANE FUNCTIONAL ADHESIVE COMPOSITION AND METHOD OF BONDING A WINDOW TO A SUBSTRATE WITHOUT A PRIMER	DOW GLOBAL TECHNOLOGIES INC	03/03/2003	03744210.0	1483350	02/08/2006	1483350
61096A-DE-EPT	Germany		DOW GLOBAL TECHNOLOGIES INC	03/03/2003	03744210.0	1483350	02/08/2006	1483350
61134A-US-NP	United States Of America	AUTOMOBILE ASSEMBLY PRIMER COMPOSITION FOR PROMOTING ADHESION OF A URETHANE ADHESIVE TO A POLYMERIC SUBSTRATE	DOW GLOBAL TECHNOLOGIES LLC	06/14/2002	10/171936	2003-0001410	03/06/2007	7185946
61392-US-NP	United States Of America	METHOD OF BONDING A WINDOW TO A SUBSTRATE WITHOUT A PRIMER	DOW GLOBAL TECHNOLOGIES LLC	11/02/2001	10/001019	2003-0084995	01/10/2006	6984287
61724A-US-NP	United States Of America	TWO-COMPONENT EPOXY ADHESIVE FORMULATION FOR HIGH ELONGATION WITH LOW MODULUS	DOW GLOBAL TECHNOLOGIES LLC	11/26/2002	10/304425	2003-0098114	04/05/2005	6875303
62237-US-NP	United States Of America	PROCESS FOR APPLYING AN ADHESION PRIMER TO A WINDOW	DOW GLOBAL TECHNOLOGIES INC	03/24/2003	10/395783	2004-0197563	01/02/2007	7157143
62244A-CN-PCT	China		DOW GLOBAL TECHNOLOGIES INC	06/11/2003	03813262.1	1659250	05/02/2007	03813262.1

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SCHEDULE A
PATENTS

PATENT NUMBER	COUNTRY	TITLE	OWNER	PENDING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
62244A-DE-EPT	Germany	PROCESS FOR APPLYING AN ADHESION PRIMER TO A WINDOW	DOW GLOBAL TECHNOLOGIES INC	06/11/2003	03760492.3	1516027	07/23/2008	60322391.5
62244A-FR-EPT	France	PROCESS FOR APPLYING AN ADHESION PRIMER TO A WINDOW	DOW GLOBAL TECHNOLOGIES INC	06/11/2003	03760492.3	1516027	07/23/2008	1516027
62244A-GB-EPT	United Kingdom	ADHESION PRIMER TO A WINDOW	DOW GLOBAL TECHNOLOGIES INC	06/11/2003	03760492.3	1516027	07/23/2008	1516027
62244A-IT-EPT	Italy	PROCESS FOR APPLYING AN ADHESION PRIMER TO A WINDOW	DOW GLOBAL TECHNOLOGIES INC	06/11/2003	03760492.3	1516027	07/23/2008	1516027
62244A-KR-PCT	SOUTH KOREA	PROCESS FOR APPLYING AN ADHESION PRIMER TO A WINDOW	TECHNOLOGIES LLC	06/11/2003	10-2004-7020056		01/28/2011	1013279
62244A-US-PCT	United States Of America	AMINE ORGANOBORANE COMPLEX INITIATED POLYMERIZABLE COMPOSITIONS CONTAINING SILOXANE POLYMERIZABLE COMPONENTS	TECHNOLOGIES LLC	06/11/2003	10/458951	2003-0232152	06/15/2010	7736692
62390C-US-DIV[1]	United States Of America	AMINE ORGANOBORANE COMPLEX INITIATED POLYMERIZABLE COMPOSITIONS CONTAINING SILOXANE POLYMERIZABLE COMPONENTS	DOW GLOBAL TECHNOLOGIES LLC	06/01/2004	10/858161	2004-0220363	09/27/2005	6949603
62390D-US-DIV[1]	United States Of America	AMINE ORGANOBORANE COMPLEX INITIATED POLYMERIZABLE COMPOSITIONS CONTAINING SILOXANE POLYMERIZABLE COMPONENTS	DOW GLOBAL TECHNOLOGIES LLC	06/09/2004	10/864668	2004-0242812	01/02/2007	7157399
62402-BE-EPA	Belgium	COMPOSITION	TECHNOLOGIES INC	12/23/2002	02406134.3	1433802	10/17/2007	1433802
62402-CH-EPA	Switzerland	POLYURETHANE REACTIVE COMPOSITION	TECHNOLOGIES INC	12/23/2002	02406134.3	1433802	10/17/2007	1433802
62402-DE-EPA	Germany	POLYURETHANE REACTIVE COMPOSITION	TECHNOLOGIES INC	12/23/2002	02406134.3	1433802	10/17/2007	60208403.2
62402-ES-EPA	Spain	POLYURETHANE REACTIVE COMPOSITION	TECHNOLOGIES INC	12/23/2002	02406134.3	1433802	10/17/2007	1433802
62402-FR-EPA	France	POLYURETHANE REACTIVE COMPOSITION	TECHNOLOGIES INC	12/23/2002	02406134.3	1433802	10/17/2007	1433802
62402-GB-EPA	United Kingdom	POLYURETHANE REACTIVE COMPOSITION	TECHNOLOGIES INC	12/23/2002	02406134.3	1433802	10/17/2007	1433802
62402A-BR-PCT	Brazil	POLYURETHANE REACTIVE COMPOSITION	TECHNOLOGIES INC	12/13/2003	P10317204.0	P10317204.0	04/30/2013	P10317204.0
62402A-CH-EPT	Switzerland	POLYURETHANE REACTIVE COMPOSITION	TECHNOLOGIES LLC	12/13/2003	03789274.2	1578834	02/18/2015	1578834

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PATENT NO.	INVENTOR	TITLE	OWNER	PENDING DATE	APP. NUMBER	PIF# NUMBER	GRANT DATE	GRANT NUMBER
62402A-CN-PCT	China	POLYURETHANE REACTIVE COMPOSITION	DOW GLOBAL TECHNOLOGIES INC	12/13/2003	200380107335.3		05/30/2007	200380107335.3
62402A-DE-EPT	Germany	POLYURETHANE REACTIVE COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	12/13/2003	03789274.2		02/18/2015	60347318.0
62402A-FR-EPT	France	POLYURETHANE REACTIVE COMPOSITION	TECHNOLOGIES LLC	12/13/2003	03789274.2		02/18/2015	1578834
62402A-IN-PCT	India	POLYURETHANE REACTIVE COMPOSITION	DOW GLOBAL TECHNOLOGIES INC	12/13/2003	1369/CHE/MP/2005		04/25/2008	219121
62402A-JP-PCD	Japan	POLYURETHANE REACTIVE COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	12/22/2010	2010-286423		10/11/2013	5385252
62402A-KR-PCT	SOUTH KOREA	POLYURETHANE REACTIVE COMPOSITION	TECHNOLOGIES LLC	12/13/2003	10-2005-7011745		11/22/2011	101087946
62402B-US-NP	United States Of America	POLYURETHANE REACTIVE COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	12/22/2003	10/7/44523		11/15/2005	6965008
62402D-CH-EFD	Switzerland	POLYURETHANE REACTIVE COMPOSITION	TECHNOLOGIES LLC	12/13/2003	06004469.0		09/13/2017	1671996
62402D-DE-EFD	Germany	POLYURETHANE REACTIVE COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	12/13/2003	06004469.0		09/13/2017	60350609.7
62402D-EP-EFD	European Procedure (Patents)	POLYURETHANE REACTIVE COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	12/13/2003	06004469.0		09/13/2017	1671996
62402D-FR-EFD	France	POLYURETHANE REACTIVE COMPOSITION	TECHNOLOGIES LLC	12/13/2003	06004469.0		09/13/2017	1671996
62402E-CH-EFD	Switzerland	POLYURETHANE REACTIVE COMPOSITION	TECHNOLOGIES LLC	12/13/2003	07019524.3		09/20/2017	1876197
62402E-DE-EFD	Germany	POLYURETHANE REACTIVE COMPOSITION	TECHNOLOGIES LLC	12/13/2003	07019524.3		09/20/2017	60350625.9
62402E-EP-EFD	European Procedure (Patents)	POLYURETHANE REACTIVE COMPOSITION	TECHNOLOGIES LLC	12/13/2003	07019524.3		09/20/2017	1876197
62402E-FR-EFD	France	POLYURETHANE REACTIVE COMPOSITION	TECHNOLOGIES LLC	12/13/2003	07019524.3		09/20/2017	1876197
62449A-US-NP	United States Of America	REACTIVE HOT MELT ADHESIVE	TECHNOLOGIES LLC	02/23/2004	10/784406		09/18/2007	7271202
62449B-BR-PCT	Brazil	ADHESIVE	TECHNOLOGIES INC	02/23/2004	P10407673.7		05/20/2014	P10407673.7
62449B-CN-PCT	China	REACTIVE HOT MELT ADHESIVE	TECHNOLOGIES INC	02/23/2004	200480005152.5		07/04/2007	200480005152.5
62449B-DE-EPT	Germany	ADHESIVE	TECHNOLOGIES INC	02/23/2004	04713542.1		05/27/2009	602004021237.7
62449B-ES-EPT	Spain	REACTIVE HOT MELT ADHESIVE	TECHNOLOGIES INC	02/23/2004	04713542.1		05/27/2009	2325787
62449B-FR-EPT	France	ADHESIVE	TECHNOLOGIES INC	02/23/2004	04713542.1		05/27/2009	1599557
62449B-GB-EPT	United Kingdom	REACTIVE HOT MELT ADHESIVE	TECHNOLOGIES INC	02/23/2004	04713542.1		05/27/2009	1599557

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PIF. NUMBER	GRANT DATE	GRANT NUMBER
62449B-TR-EPT	Turkey	REACTIVE HOT MELT ADHESIVE PROCESS FOR APPLYING A STREAMABLE EPOXY ADHESIVE PROCESS FOR APPLYING A STREAMABLE EPOXY ADHESIVE	DOW GLOBAL TECHNOLOGIES INC	02/23/2004	04713542.1	1599557	05/27/2009	1599557
62457B-BR-PCT	Brazil	ADHESIVE PROCESS FOR APPLYING A STREAMABLE EPOXY ADHESIVE	DOW GLOBAL TECHNOLOGIES INC	07/07/2004	P10412062.0		09/29/2015	P10412062.0
62457B-CA-PCT	Canada	ADHESIVE PROCESS FOR APPLYING A STREAMABLE EPOXY ADHESIVE	DOW GLOBAL TECHNOLOGIES LLC	07/07/2004	2529737		05/07/2013	2529737
62457B-CN-PCT	China	ADHESIVE PROCESS FOR APPLYING A STREAMABLE EPOXY ADHESIVE	DOW GLOBAL TECHNOLOGIES LLC	07/07/2004	200910208741.8	101691418	10/03/2012	200910208741.8
62457B-CN-PCT	China	ADHESIVE EPOXY COMPOSITION AND PROCESS FOR APPLYING IT PROCESS FOR APPLYING A STREAMABLE EPOXY ADHESIVE	DOW GLOBAL TECHNOLOGIES INC	07/07/2004	200480018526.7	1816606	12/30/2009	200480018526.7
62457B-EP-EPD (Patents)	European Procedure	ADHESIVE EPOXY COMPOSITION AND PROCESS FOR APPLYING IT PROCESS FOR APPLYING A STREAMABLE EPOXY ADHESIVE	DOW GLOBAL TECHNOLOGIES LLC	06/27/2014	14175888.8	2843022		
62457B-IN-PCT	India	ADHESIVE PROCESS FOR APPLYING A STREAMABLE EPOXY ADHESIVE	DOW GLOBAL TECHNOLOGIES LLC	07/07/2004	56/CHENP/2006		02/08/2011	245958
62457B-JP-PCT	Japan	ADHESIVE ADHESIVE EPOXY COMPOSITION AND PROCESS FOR APPLYING IT	DOW GLOBAL TECHNOLOGIES LLC	07/07/2004	2006-518850		07/19/2013	5319886
62457B-KR-PCT	SOUTH KOREA	ADHESIVE EPOXY COMPOSITION AND PROCESS FOR APPLYING IT PROCESS FOR APPLYING A STREAMABLE EPOXY ADHESIVE	DOW GLOBAL TECHNOLOGIES LLC	07/07/2004	10-2006-7000306		02/21/2012	10-1121395
62457C-US-DIV[1]	United States Of America	ADHESIVE PROCESS FOR APPLYING A STREAMABLE EPOXY ADHESIVE	DOW GLOBAL TECHNOLOGIES LLC	08/10/2007	11/891446	2008-0006370	07/07/2009	7557168
62457D-US-DIV[2]	United States Of America	ADHESIVE PROCESS FOR APPLYING A STREAMABLE EPOXY ADHESIVE	DOW GLOBAL TECHNOLOGIES LLC	08/10/2007	11/891444	2008-0009589	07/07/2009	7557169
62979A-US-NP	United States Of America	STABILIZED ORGANOBORANE POLYMERIZATION INITIATORS AND POLYMERIZABLE COMPOSITIONS SYSTEM FOR BONDING GLASS INTO A STRUCTURE	DOW GLOBAL TECHNOLOGIES LLC	06/09/2004	10/864719	2005-0004332	07/24/2007	7247596
63063A-DE-EPT	Germany	SYSTEM FOR BONDING GLASS INTO A STRUCTURE SYSTEM FOR BONDING GLASS INTO A STRUCTURE	DOW GLOBAL TECHNOLOGIES INC	12/10/2004	04813632.9	1694795	07/23/2008	602004015327.3
63063A-JP-PCT	Japan	SYSTEM FOR BONDING GLASS INTO A STRUCTURE SYSTEM FOR BONDING GLASS INTO A STRUCTURE	DOW GLOBAL TECHNOLOGIES LLC	12/10/2004	2006-543999		01/11/2013	5171040
63063B-US-CIP[1]	United States Of America	SYSTEM FOR BONDING GLASS INTO A STRUCTURE SYSTEM FOR BONDING GLASS INTO A STRUCTURE	DOW GLOBAL TECHNOLOGIES LLC	12/10/2004	11/008426	2005-0126683	08/26/2008	7416599
63215-US-NP	United States Of America	SYSTEM FOR BONDING GLASS INTO A STRUCTURE SYSTEM FOR BONDING GLASS INTO A STRUCTURE	DOW GLOBAL TECHNOLOGIES LLC	12/15/2004	11/012606	2006-0124225	02/24/2009	7494540

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**SCHEDULE A
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Patent Number	Country	Title	Owner	Filing Date	App. Number	Pub. Number	Pub. Date	Grant Number
63215A-CH-EPT	Switzerland	SYSTEM FOR BONDING GLASS INTO A STRUCTURE	DOW GLOBAL TECHNOLOGIES LLC	12/12/2005	05853856.2		1828334	
63215A-CN-PCT	China	SYSTEM FOR BONDING GLASS INTO A STRUCTURE	DOW GLOBAL TECHNOLOGIES LLC	12/12/2005	200580042896.9			200580042896.9
63215A-DE-EPT	Germany	SYSTEM FOR BONDING GLASS INTO A STRUCTURE	DOW GLOBAL TECHNOLOGIES LLC	12/12/2005	05853856.2		1828334	
63215A-EP-EPT	European Procedure (Patents)	SYSTEM FOR BONDING GLASS INTO A STRUCTURE	DOW GLOBAL TECHNOLOGIES LLC	12/12/2005	05853856.2		1828334	
63215A-FR-EPT	France	SYSTEM FOR BONDING GLASS INTO A STRUCTURE	DOW GLOBAL TECHNOLOGIES LLC	12/12/2005	05853856.2		1828334	
63215A-JP-PCT	Japan	SYSTEM FOR BONDING GLASS INTO A STRUCTURE	DOW GLOBAL TECHNOLOGIES LLC	12/12/2005	2007-546822		2008-524392	5112878
63215A-KR-PCT	SOUTH KOREA	SYSTEM FOR BONDING GLASS INTO A STRUCTURE	TECHNOLOGIES LLC	12/12/2005	10-2007-7013362			10-1184496
63215B-US-DIV[1]	United States Of America	SYSTEM FOR BONDING GLASS INTO A STRUCTURE	DOW GLOBAL TECHNOLOGIES LLC	08/21/2008	12/195648		2009-0205769	05/04/2010 7708853
63272A-US-NP	United States Of America	ADHESIVE FOR INSTALLING VEHICLE WINDOWS	DOW GLOBAL TECHNOLOGIES LLC	08/19/2004	10/921635		2005-0054764	09/05/2006 7101950
63272B-CN-PCT	China	COMPOSITION USEFUL AS AN ADHESIVE FOR INSTALLING VEHICLE WINDOWS	DOW GLOBAL TECHNOLOGIES INC	08/19/2004	200480024143.0		1839167	01/13/2010 200480024143.0
63272B-DE-EPT	Germany	COMPOSITION USEFUL AS AN ADHESIVE FOR INSTALLING VEHICLE WINDOWS	DOW GLOBAL TECHNOLOGIES LLC	08/19/2004	04781648.3		1658320	09/27/2017 602004051852.2
63272B-EP-EPT	European Procedure (Patents)	ADHESIVE FOR INSTALLING VEHICLE WINDOWS	DOW GLOBAL TECHNOLOGIES LLC	08/19/2004	04781648.3		1658320	09/27/2017 1658320
63272C-US-CNT	United States Of America	COMPOSITION USEFUL AS AN ADHESIVE FOR INSTALLING VEHICLE WINDOWS	DOW GLOBAL TECHNOLOGIES LLC	08/25/2006	11/510234		2006-0293489	11/16/2010 7834102
63282A-DE-EPT	Germany	LOW VOLATILE ISOCYANATE MONOMER CONTAINING POLYURETHANE PREPOLYMER AND ADHESIVE SYSTEM ACCELERATED	DOW GLOBAL TECHNOLOGIES LLC	10/11/2005	05812179.9		1799738	05/03/2017 602005051884.3
63302C-US-DIV[1]	United States Of America	ORGANOBORANE AMINE COMPLEX INITIATED POLYMERIZABLE COMPOSITIONS	DOW GLOBAL TECHNOLOGIES LLC	09/26/2007	11/861598		2008-0045680	08/06/2013 8501886

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PATENT NUMBER	INVENTOR	TITLE	OWNER	PENDING DATE	APP. NUMBER	PRI. NUMBER	GRANT NUMBER
633020-US-DW(2)	United States Of America	ACCELERATED ORGANOBORANE AMINE COMPLEX INITIATED POLYMERIZABLE COMPOSITIONS	DOW GLOBAL TECHNOLOGIES LLC	09/26/2007	11/861616	2008-0045681	8114947
63554A-US-NP	United States Of America	SILANE PREPOLYMER AND ISOCYANATE FUNCTIONAL PREPOLYMER BLEND BASED ADHESIVE COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	10/23/2006	11/585010	2007-0093628	7345130
63554B-CN-PCT	China	SILANE PREPOLYMER AND ISOCYANATE FUNCTIONAL PREPOLYMER BLEND BASED ADHESIVE COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	03/20/2013	201310103405.3	103173184	201310103405.3
63554B-DE-EPT	Germany	ADHESIVE COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	10/23/2006	06817301.2	1943292	602006025318.4
63619-CH-EPA	Switzerland	COMPOSITION	TECHNOLOGIES LLC	06/01/2004	04012885.2	1602702	1602702
63619-DE-EPA	Germany	COMPOSITION	TECHNOLOGIES LLC	06/01/2004	04012885.2	1602702	602004045425.7
63619-EP-EPA	European Procedure (Patents)	COMPOSITION	TECHNOLOGIES LLC	06/01/2004	04012885.2	1602702	1602702
63619-FR-EPA	France	COMPOSITION	TECHNOLOGIES LLC	06/01/2004	04012885.2	1602702	1602702
63619-GB-EPA	United Kingdom	COMPOSITION	TECHNOLOGIES LLC	06/01/2004	04012885.2	1602702	1602702
63619A-BR-PCT	Brazil	COMPOSITION	TECHNOLOGIES INC	05/27/2005	P10510890.0		P10510890.0
63619A-CA-PCT	Canada	COMPOSITION	TECHNOLOGIES LLC	05/27/2005	2568290		2568290
63619A-CN-PCT	China	COMPOSITION	TECHNOLOGIES LLC	05/27/2005	200580020913.9		200580020913.9
63619A-JP-PCT	Japan	COMPOSITION	TECHNOLOGIES LLC	05/27/2005	2007-513815		5032306
63619A-KR-PCT	SOUTH KOREA	COMPOSITION	TECHNOLOGIES LLC	05/27/2005	10-2006-7027532	10-2007-26670	10-1152485
63619A-US-PCT	United States Of America	COMPOSITION	TECHNOLOGIES LLC	05/27/2005	11/597978	2008-0045670	7615595
63666-BE-EPA	Belgium	COMPOSITION	TECHNOLOGIES INC	03/12/2004	04005984.2	1574537	1574537
63666-CH-EPA	Switzerland	COMPOSITION	TECHNOLOGIES INC	03/12/2004	04005984.2	1574537	1574537
63666-DE-EPA	Germany	COMPOSITION	TECHNOLOGIES INC	03/12/2004	04005984.2	1574537	1574537

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PATENT NO.	IPC CLASS.	INVENTOR	ASSIGNOR	FILED DATE	APP. NO.	INT. NO.	GRANT NO.
63666-ES-EPA	Spain	EPOXY ADHESIVE COMPOSITION	DOW GLOBAL TECHNOLOGIES INC	03/12/2004	04005984.2	1574537	01/24/2007 1574537
63666-FR-EPA	France	EPOXY ADHESIVE COMPOSITION	TECHNOLOGIES INC	03/12/2004	04005984.2	1574537	01/24/2007 1574537
63666-GB-EPA	United Kingdom	EPOXY ADHESIVE COMPOSITION	DOW GLOBAL TECHNOLOGIES INC	03/12/2004	04005984.2	1574537	01/24/2007 1574537
63666-IT-EPA	Italy	EPOXY ADHESIVE COMPOSITION	TECHNOLOGIES INC	03/12/2004	04005984.2	1574537	01/24/2007 1574537
63666-TR-EPA	Turkey	EPOXY ADHESIVE COMPOSITION	TECHNOLOGIES INC	03/12/2004	04005984.2	1574537	01/24/2007 1574537
63666A-BR-PCT	Brazil	EPOXY ADHESIVE COMPOSITION	TECHNOLOGIES INC	03/07/2005	P10506523.2		
63666A-CN-PCT	China	EPOXY ADHESIVE COMPOSITION	TECHNOLOGIES LLC	03/07/2005	200580007356.7		05/18/2011 200580007356.7
63666A-JP-PCT	Japan	EPOXY ADHESIVE COMPOSITION	TECHNOLOGIES LLC	03/07/2005	2007-502252		10/05/2012 5102018
63666A-KR-PCT	SOUTH KOREA	EPOXY ADHESIVE COMPOSITION	TECHNOLOGIES LLC	03/07/2005	10-2006-7018504		05/22/2012 10-1151092
63666B-US-NP	United States Of America	TOUGHENED EPOXY ADHESIVE COMPOSITION	TECHNOLOGIES LLC	03/11/2005	11/078088	2005-0209401	03/22/2011 7910656
63834A-US-CNT	United States Of America	PROTECTIVE COATING FOR WINDOW GLASS	DOW GLOBAL TECHNOLOGIES LLC	11/02/2011	13/287205	2012-0046375	09/25/2012 8273801
63834A-US-DIV	United States Of America	PROTECTIVE COATING FOR WINDOW GLASS	DOW GLOBAL TECHNOLOGIES LLC	08/20/2010	12/859822	2010-0316828	12/20/2011 8080299
63834A-US-NP	United States Of America	PROTECTIVE COATING FOR WINDOW GLASS	DOW GLOBAL TECHNOLOGIES LLC	06/20/2006	11/472119	2006-0287408	08/24/2010 7781493
63834B-CN-PCT	China	PROTECTIVE COATING FOR WINDOW GLASS	TECHNOLOGIES LLC	06/20/2006	200680022251.3	200680022251.3	11/21/2012 200680022251.3
63834B-DE-EPT	Germany	PROTECTIVE COATING FOR WINDOW GLASS	DOW GLOBAL TECHNOLOGIES LLC	06/20/2006	06773798.1	1904589	03/08/2017 602006051917.6
63834C-US-CIP	United States Of America	COATED GLASS ARTICLES	TECHNOLOGIES LLC	12/20/2006	11/643455	2007-0151178	08/31/2010 7786183
63834D-CN-PCT	China	COATED GLASS ARTICLES	TECHNOLOGIES LLC	12/20/2006	200680055032.5	101472852	02/08/2012 200680055032.5
63834D-DE-EPT	Germany	COATED GLASS ARTICLES	TECHNOLOGIES LLC	12/20/2006	06848064.9	2035341	04/06/2016 202006048575.1
63834D-FR-EPT	France	COATED GLASS ARTICLES	TECHNOLOGIES LLC	12/20/2006	06848064.9	2035341	04/06/2016 2035341
63834D-GB-EPT	United Kingdom	COATED GLASS ARTICLES	TECHNOLOGIES LLC	12/20/2006	06848064.9	2035341	04/06/2016 2035341
63834D-IT-EPT	Italy	COATED GLASS ARTICLES	DOW GLOBAL TECHNOLOGIES LLC	12/20/2006	06848064.9	2035341	04/06/2016 50201600061373
63835A-US-NP	United States Of America	ADHESION PROMOTER	TECHNOLOGIES LLC	09/01/2005	11/217243	2006-0051605	02/16/2010 7662482

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT NUMBER
63906-US-NP	United States Of America	HIGH-MODULES, NONCONDUCTIVE ADHESIVE USEFUL FOR INSTALLING VEHICLE WINDOWS HIGH-MODULES, NONCONDUCTIVE ADHESIVE USEFUL FOR INSTALLING VEHICLE WINDOWS	DOW GLOBAL TECHNOLOGIES LLC	11/08/2004	10/983387	2006-0096694	04/22/2008 7361292
63906A-BR-PCT	Brazil	HIGH-MODULES, NONCONDUCTIVE ADHESIVE USEFUL FOR INSTALLING VEHICLE WINDOWS	DOW GLOBAL TECHNOLOGIES INC	11/01/2005	PI0516332.3	PI0516332.3	11/14/2017 PI0516332.3
63906A-CA-PCT	Canada	HIGH-MODULES, NONCONDUCTIVE ADHESIVE USEFUL FOR INSTALLING VEHICLE WINDOWS HIGH-MODULES, NONCONDUCTIVE ADHESIVE USEFUL FOR INSTALLING VEHICLE WINDOWS	DOW GLOBAL TECHNOLOGIES LLC	11/01/2005	2580157		04/29/2014 2580157
63906A-CN-PCT	China	HIGH-MODULES, NONCONDUCTIVE ADHESIVE USEFUL FOR INSTALLING VEHICLE WINDOWS	DOW GLOBAL TECHNOLOGIES INC	11/01/2005	200580037571.1		08/11/2010 200580037571.1
63906A-DE-EPT	Germany	HIGH-MODULES, NONCONDUCTIVE ADHESIVE USEFUL FOR INSTALLING VEHICLE WINDOWS HIGH-MODULES, NONCONDUCTIVE ADHESIVE USEFUL FOR INSTALLING VEHICLE WINDOWS	DOW GLOBAL TECHNOLOGIES INC	11/01/2005	05816578.8	1812490	07/07/2010 602005022219.7
63906A-FR-EPT	France	HIGH-MODULES, NONCONDUCTIVE ADHESIVE USEFUL FOR INSTALLING VEHICLE WINDOWS	DOW GLOBAL TECHNOLOGIES INC	11/01/2005	05816578.8	1812490	07/07/2010 1812490
63906A-GB-EPT	United Kingdom	HIGH-MODULES, NONCONDUCTIVE ADHESIVE USEFUL FOR INSTALLING VEHICLE WINDOWS HIGH-MODULES, NONCONDUCTIVE ADHESIVE USEFUL FOR INSTALLING VEHICLE WINDOWS	DOW GLOBAL TECHNOLOGIES INC	11/01/2005	05816578.8	1812490	07/07/2010 1812490
63906A-IN-PCT	India	HIGH-MODULES, NONCONDUCTIVE ADHESIVE USEFUL FOR INSTALLING VEHICLE WINDOWS	DOW GLOBAL TECHNOLOGIES LLC	11/01/2005	1954/CHENP/07		05/12/2014 260610
63906A-IT-EPT	Italy	HIGH-MODULES, NONCONDUCTIVE ADHESIVE USEFUL FOR INSTALLING VEHICLE WINDOWS HIGH-MODULES, NONCONDUCTIVE ADHESIVE USEFUL FOR INSTALLING VEHICLE WINDOWS	DOW GLOBAL TECHNOLOGIES INC	11/01/2005	05816578.8	1812490	07/07/2010 1812490
63906A-JP-PCT	Japan	HIGH-MODULES, NONCONDUCTIVE ADHESIVE USEFUL FOR INSTALLING VEHICLE WINDOWS	DOW GLOBAL TECHNOLOGIES LLC	11/01/2005	2007-540359	2008-519141	10/25/2013 5394641
63906A-KR-PCT	SOUTH KOREA	HIGH-MODULES, NONCONDUCTIVE ADHESIVE USEFUL FOR INSTALLING VEHICLE WINDOWS	DOW GLOBAL TECHNOLOGIES LLC	11/01/2005	10-2007-7010305		01/18/2013 10-1226337

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PATENT NUMBER	CLASS	INVENTOR	INVENTOR DATES	APP. NUMBER	PRI. NUMBER	GRANT NUMBER
	HIGH MODULUS					
	NONCONDUCTIVE ADHESIVE					
	USEFUL FOR INSTALLING					
63906B-US-DIV[1]	VEHICLE WINDOWS	United States Of America	06/14/2007	11/818431	2007-0240808	08/10/2010 7771622
	HIGH MODULUS					
	NONCONDUCTIVE ADHESIVE					
	USEFUL FOR INSTALLING					
63906C-US-DIV[1]	VEHICLE WINDOWS	United States Of America	10/24/2007	11/877870	2008-0041521	05/19/2009 7534375
	HIGH-MODULUS					
	NONCONDUCTIVE ADHESIVE					
	USEFUL FOR INSTALLING					
63906D-US-CNT[1]	VEHICLE WINDOWS	United States Of America	12/20/2007	11/961614	2008-0099142	11/10/2009 7615167
	TWO-COMPONENT EPOXY					
63919B-CH-EPT	ADHESIVE COMPOSITION	Switzerland	02/28/2006	06721115.1	1885764	05/20/2009 1885764
	TWO-COMPONENT EPOXY					
63919B-DE-EPT	ADHESIVE COMPOSITION	Germany	02/28/2006	06721115.1	1885764	05/20/2009 602006006907.3
	TWO-COMPONENT EPOXY					
63919B-ES-EPT	ADHESIVE COMPOSITION	Spain	02/28/2006	06721115.1	1885764	05/20/2009 2333894
	TWO-COMPONENT EPOXY					
63919B-FR-EPT	ADHESIVE COMPOSITION	France	02/28/2006	06721115.1	1885764	05/20/2009 1885764
	TWO-COMPONENT EPOXY					
63919B-GB-EPT	ADHESIVE COMPOSITION	United Kingdom	02/28/2006	06721115.1	1885764	05/20/2009 1885764
	TWO-COMPONENT EPOXY					
63919B-IT-EPT	ADHESIVE COMPOSITION	Italy	02/28/2006	06721115.1	1885764	05/20/2009 1885764
	TWO-COMPONENT EPOXY					
63919B-JP-PCT	ADHESIVE COMPOSITION	Japan	02/28/2006	2007-558128	2008-531817	05/11/2012 4991575
	TWO-COMPONENT EPOXY					
63919B-KR-PCT	ADHESIVE COMPOSITION	SOUTH KOREA	02/28/2006	10-2007-7019536		03/18/2013 10-1247047
	TWO-COMPONENT EPOXY					
63919B-TR-EPT	ADHESIVE COMPOSITION	Turkey	02/28/2006	06721115.1	1885764	05/20/2009 TR2009065521
	TWO-COMPONENT EPOXY					
63919C-US-NP	ADHESIVE COMPOSITION	United States Of America	02/28/2006	11/363692	2006-0205897	03/31/2009 7511097
	TWO-COMPONENT EPOXY					
63919D-US-DIV[1]	ADHESIVE COMPOSITION	United States Of America	10/16/2008	12/252521	2009-0065143	11/16/2010 7834091
	TWO-COMPONENT EPOXY					
63919D-US-DIV[2]	ADHESIVE COMPOSITION	United States Of America	09/30/2010	12/894352	2011-0020652	05/31/2011 7951456
	METHOD OF PRIMERLESS BONDING					
63921A-US-CNT	BONDING	United States Of America	01/18/2012	13/352771	2013-0029074	07/15/2014 8778128
	METHOD OF PRIMERLESS BONDING					
63921B-CN-PCT	BONDING	China	10/28/2005	200580037208.X		12/19/2012 200580037208.X
	METHOD OF PRIMERLESS BONDING					
63921B-DE-EPT	BONDING	Germany	10/28/2005	05825086.1	1807468	12/10/2014 602005045427.6
	ENCAPSULATED PANEL					
63994A-US-NP	ASSEMBLIES AND METHODS FOR MAKING SAME	United States Of America	12/18/2007	11/958983	2008-0213545	05/10/2011 7939161
	TECHNOLOGIES LLC					

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Patent No.	Country	Title	Owner	Filing Date	App. Number	Pub. Number	Pub. Date	Grant Number
63994B-DE-EPT	Germany	ENCAPSULATED PANEL ASSEMBLIES AND METHODS FOR MAKING SAME	DOW GLOBAL TECHNOLOGIES LLC	12/18/2007	07855238.7	2094463	07/27/2016	602007047223.7
63994B-FR-EPT	France	ASSEMBLIES AND METHODS FOR MAKING SAME	DOW GLOBAL TECHNOLOGIES LLC	12/18/2007	07855238.7	2094463	07/27/2016	2094463
63994B-GB-EPT	United Kingdom	ENCAPSULATED PANEL ASSEMBLIES AND METHODS FOR MAKING SAME	DOW GLOBAL TECHNOLOGIES LLC	12/18/2007	07855238.7	2094463	07/27/2016	2094463
63994B-IT-EPT	Italy	ASSEMBLIES AND METHODS FOR MAKING SAME	DOW GLOBAL TECHNOLOGIES LLC	12/18/2007	07855238.7	2094463	07/27/2016	502016000106401
64037A-US-NP	United States Of America	BONDED HYBRID STRUCTURE	DOW GLOBAL TECHNOLOGIES LLC	02/24/2006	11/361423	2007-0277926	07/14/2009	7560003
64068A-CN-PCD	China	AMPHIPHILIC BLOCK COPOLYMER-MODIFIED EPOXY RESINS AND ADHESIVES MADE THEREFROM	DOW GLOBAL TECHNOLOGIES LLC	06/04/2010	201010198603.9	101864261	09/05/2012	201010198603.9
64068A-CN-PCT	China	AMPHIPHILIC BLOCK COPOLYMER-TOUGHENED EPOXY RESINS AND ADHESIVES MADE THEREFROM	DOW GLOBAL TECHNOLOGIES INC	11/02/2005	200580038535.7		09/29/2010	200580038535.7
64068A-DE-EPT	Germany	AMPHIPHILIC BLOCK COPOLYMER-TOUGHENED EPOXY RESINS AND ADHESIVES MADE THEREFROM	DOW GLOBAL TECHNOLOGIES INC	11/02/2005	05818168.6	1812512	01/06/2010	602005018806.1
64068A-US-PCT	United States Of America	AMPHIPHILIC BLOCK COPOLYMER-TOUGHENED EPOXY RESINS AND ADHESIVES MADE THEREFROM	DOW GLOBAL TECHNOLOGIES LLC	11/02/2005	11/663805	2009-0123759	10/26/2010	7820760
64121-DE-EPA	Germany	A NEW GENERATION OF STRUCTURAL EPOXY ADHESIVES	DOW GLOBAL TECHNOLOGIES INC	06/02/2005	05011908.0	1728825	03/31/2010	602005020260.9
64121-FR-EPA	France	A NEW GENERATION OF STRUCTURAL EPOXY ADHESIVES	DOW GLOBAL TECHNOLOGIES INC	06/02/2005	05011908.0	1728825	03/31/2010	1728825
64121-GB-EPA	United Kingdom	A NEW GENERATION OF STRUCTURAL EPOXY ADHESIVES	DOW GLOBAL TECHNOLOGIES INC	06/02/2005	05011908.0	1728825	03/31/2010	1728825
64121-IT-EPA	Italy	A NEW GENERATION OF STRUCTURAL EPOXY ADHESIVES	DOW GLOBAL TECHNOLOGIES INC	06/02/2005	05011908.0	1728825	03/31/2010	1728825

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Case Reference	Country	Title	Owner	Filing Date	App. Number	Prior Art Number	Grant Date	Grant Number
64121A-US-NP	United States Of America	TOUGHENED EPOXY ADHESIVE COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	06/02/2006	11/446037	2006-0276601	03/26/2013	8404787
64121B-BR-PCT	Brazil	NEW GENERATION OF STRUCTURAL EPOXY ADHESIVES	DOW GLOBAL TECHNOLOGIES INC	06/02/2006	P10613302-9		07/18/2017	P10613302-9
64121B-CA-PCT	Canada	NEW GENERATION OF STRUCTURAL EPOXY ADHESIVES	DOW GLOBAL TECHNOLOGIES LLC	06/02/2006	2609774		09/16/2014	2609774
64121B-CN-PCT	China	NEW GENERATION OF STRUCTURAL EPOXY ADHESIVES	DOW GLOBAL TECHNOLOGIES LLC	06/02/2006	200680019133.7	200680019133.7	05/25/2011	200680019133.7
64121B-DE-EPA	Germany	NEW GENERATION OF STRUCTURAL EPOXY ADHESIVES	DOW GLOBAL TECHNOLOGIES LLC	06/02/2006	06754093.0	1896517	11/28/2012	602006033344.7
64121B-FR-EPA	France	NEW GENERATION OF STRUCTURAL EPOXY ADHESIVES	DOW GLOBAL TECHNOLOGIES LLC	06/02/2006	06754093.0	1896517	11/28/2012	1896517
64121B-GB-EPA	United Kingdom	NEW GENERATION OF STRUCTURAL EPOXY ADHESIVES	DOW GLOBAL TECHNOLOGIES LLC	06/02/2006	06754093.0	1896517	11/28/2012	1896517
64121B-IT-EPA	Italy	NEW GENERATION OF STRUCTURAL EPOXY ADHESIVES	DOW GLOBAL TECHNOLOGIES LLC	06/02/2006	06754093.0	1896517	11/28/2012	832016000040031
64121B-JP-PCD	Japan	NEW GENERATION OF STRUCTURAL EPOXY ADHESIVES	DOW GLOBAL TECHNOLOGIES LLC	09/21/2012	2012-208119	2013-40338	11/14/2014	5647199
64121B-JP-PCT	Japan	NEW GENERATION OF STRUCTURAL EPOXY ADHESIVES	DOW GLOBAL TECHNOLOGIES LLC	06/02/2006	2008-514027	2008-542484	12/07/2012	5150484
64121B-KR-PCT	SOUTH KOREA	NEW GENERATION OF STRUCTURAL EPOXY ADHESIVES	DOW GLOBAL TECHNOLOGIES LLC	06/02/2006	2007-7028027	2008-13978	08/19/2013	10-1299846
64200A-US-NP	United States Of America	COLORED PRIMER COMPOSITIONS AND METHODS	DOW GLOBAL TECHNOLOGIES LLC	02/22/2008	12035770	2009-0017312	01/24/2012	8101043
64200B-EP-EPT	European Procedure (Patents)	COLORED PRIMER COMPOSITIONS AND METHODS	DOW GLOBAL TECHNOLOGIES LLC	02/22/2008	08730497.8	2181168		
64200B-JP-PCT	Japan	COLORED PRIMER COMPOSITIONS AND METHODS	DOW GLOBAL TECHNOLOGIES LLC	02/22/2008	2010-516076	2010-533228	01/16/2015	5680410
64245A-US-NP	United States Of America	LOW VISCOSITY FUNCTIONAL FLUIDS	DOW GLOBAL TECHNOLOGIES LLC	06/29/2006	11/427540	2007-0027039	05/31/2011	7951757

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PATENT NUMBER	COUNTRY	TITLE	OWNER	PENDING DATE	APP. NUMBER	PRI. NUMBER	GRANT NUMBER
64246A-US-NP	United States Of America	POLYURETHANE SEALANT COMPOSITIONS HAVING PRIMERLESS TO PAINT AND GLASS PROPERTIES	DOW GLOBAL TECHNOLOGIES LLC	05/30/2006	11/442839	2006-0270807	09/03/2013 8524840
64246B-CN-PCT	China	POLYURETHANE SEALANT COMPOSITIONS HAVING PRIMERLESS TO PAINT AND GLASS PROPERTIES	DOW GLOBAL TECHNOLOGIES LLC	05/30/2006	200680018752.4	200680018752.4	12/07/2011 200680018752.4
64246B-EP-EPT	European Procedure (Patents)	POLYURETHANE SEALANT COMPOSITIONS HAVING PRIMERLESS TO PAINT AND GLASS PROPERTIES	DOW GLOBAL TECHNOLOGIES LLC	05/30/2006	06771611.8	1891178	
64247A-US-NP	United States Of America	SILANE FUNCTIONAL ADHESIVE COMPOSITION AND METHOD OF BONDING A WINDOW TO A SUBSTRATE WITHOUT A PRIMER	DOW GLOBAL TECHNOLOGIES LLC	07/03/2007	11/825085	2008-0017296	09/07/2010 7789990
64247B-CN-PCT	China	SILANE FUNCTIONAL ADHESIVE COMPOSITION AND METHOD OF BONDING A WINDOW TO A SUBSTRATE WITHOUT A PRIMER	DOW GLOBAL TECHNOLOGIES INC	07/03/2007	200780028203.X	101495591	11/16/2011 200780028203.X
64247B-DE-EPT	Germany	SILANE FUNCTIONAL ADHESIVE COMPOSITION AND METHOD OF BONDING A WINDOW TO A SUBSTRATE WITHOUT A PRIMER	DOW GLOBAL TECHNOLOGIES LLC	07/03/2007	07810197.9	2046909	10/26/2011 602007018305.7
64247B-EP-EPT	European Procedure (Patents)	SILANE FUNCTIONAL ADHESIVE COMPOSITION AND METHOD OF BONDING A WINDOW TO A SUBSTRATE WITHOUT A PRIMER	DOW GLOBAL TECHNOLOGIES LLC	07/03/2007	07810197.9	2046909	10/26/2011 2046909
64358A-CA-PCT	Canada	BONDING AGENT FOR GLASS	TECHNOLOGIES LLC	10/02/2007	2665495		02/06/2018 2665495
64358A-CH-EPT	Switzerland	BONDING AGENT FOR GLASS	DOW GLOBAL TECHNOLOGIES LLC	10/02/2007	07843662.3	2079773	06/14/2017 2079773
64358A-CN-PCT	China	BONDING AGENT FOR GLASS	TECHNOLOGIES INC	10/02/2007	200780037240.7	101522746A	09/26/2012 200780037240.7
64358A-DE-EPT	Germany	BONDING AGENT FOR GLASS	DOW GLOBAL TECHNOLOGIES LLC	10/02/2007	07843662.3	2079773	06/14/2017 602007051341.3
64358A-JP-PCT	Japan	BONDING AGENT FOR GLASS	TECHNOLOGIES LLC	10/02/2007	2009-531555	2010-506008	12/06/2013 5426388
64358A-KR-PCT	SOUTH KOREA	BONDING AGENT FOR GLASS	DOW GLOBAL TECHNOLOGIES LLC	10/02/2007	2009-7006894		01/29/2014 10-1359776
64358B-US-NP	United States Of America	PRIMER COMPOSITION FOR GLASS BONDING	TECHNOLOGIES LLC	10/02/2007	11/866051	2008-0236725	04/26/2011 7931773

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64676A-US-DIV	United States Of America	ONE COMPONENT GLASS PRIMER INCLUDING OXAZOLADINE	DOW GLOBAL TECHNOLOGIES LLC	05/25/2011	13/115351	2011-0220269	8168019
64676A-US-NP	United States Of America	PRIMER INCLUDING OXAZOLADINE	DOW GLOBAL TECHNOLOGIES LLC	02/19/2008	12/033420	2008-0268261	7955702
64676B-CA-PCT	Canada	ONE COMPONENT GLASS PRIMER INCLUDING OXAZOLADINE	DOW GLOBAL TECHNOLOGIES LLC	02/19/2008	2662947		2662947
64676B-CN-PCT	China	PRIMER INCLUDING OXAZOLADINE	DOW GLOBAL TECHNOLOGIES INC	02/19/2008	200880000925.9	101547953A	200880000925.9
64676B-DE-EPT	Germany	ONE COMPONENT GLASS PRIMER INCLUDING OXAZOLADINE	DOW GLOBAL TECHNOLOGIES LLC	02/19/2008	08730134.7	2142579	602008011837.1
64676B-FR-EPT	France	PRIMER INCLUDING OXAZOLADINE	DOW GLOBAL TECHNOLOGIES LLC	02/19/2008	08730134.7	2142579	2142579
64676B-GB-EPT	United Kingdom	ONE COMPONENT GLASS PRIMER INCLUDING OXAZOLADINE	DOW GLOBAL TECHNOLOGIES INC	02/19/2008	08730134.7	2142579	2142579
64676B-IT-EPT	Italy	PRIMER INCLUDING OXAZOLADINE	DOW GLOBAL TECHNOLOGIES LLC	02/19/2008	08730134.7	2142579	2142579
64676B-JP-PCD	Japan	ONE COMPONENT GLASS PRIMER INCLUDING OXAZOLADINE	DOW GLOBAL TECHNOLOGIES LLC	02/28/2013	2013-039293	2013-151687	05/22/2015 5749755
64676B-JP-PCT	Japan	PRIMER INCLUDING OXAZOLADINE	DOW GLOBAL TECHNOLOGIES LLC	02/19/2008	2009-534955	2010-507724	05/17/2013 5270561
64676B-KR-PCT	SOUTH KOREA	ONE COMPONENT GLASS PRIMER INCLUDING OXAZOLADINE	DOW GLOBAL TECHNOLOGIES LLC	02/19/2008	2009-7011959		04/16/2012 10-1139026
64676B-RU-PCT	Russian Federation	ADHESIVE POLYMERS FOR FORMING LAMINATE STRUCTURES	DOW GLOBAL TECHNOLOGIES INC	02/19/2008	2009118301		11/03/2010 241811
64670A-US-PCT	United States Of America	ULTRASONIC ENERGY FOR ADHESIVE BONDING	DOW GLOBAL TECHNOLOGIES LLC	03/13/2008	12/527893	2010-0119832	10/06/2015 9150763
64914A-US-NP	United States Of America	ULTRASONIC ENERGY FOR ADHESIVE BONDING	TECHNOLOGIES LLC	12/20/2007	11/961114	2008-0178986	11/30/2010 7842146
64914B-CH-EPT	Switzerland	ULTRASONIC ENERGY FOR ADHESIVE BONDING	TECHNOLOGIES LLC	12/21/2007	07869764.6	2108029	08/06/2014 2108029
64914B-CN-PCT	China	ADHESIVE BONDING	TECHNOLOGIES INC	12/21/2007	200780050290.9	101589123A	03/27/2013 200780050290.9

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64914B-DE-EPT	Germany	ULTRASONIC ENERGY FOR ADHESIVE BONDING COMPOSITION USEFUL AS AN	DOW GLOBAL TECHNOLOGIES LLC	12/21/2007	07869764.6	2108029	602007038030.8
65067A-US-DIV	United States Of America	ADHESIVE FOR INSTALLING VEHICLE WINDOWS	DOW GLOBAL TECHNOLOGIES LLC	10/12/2010	12/902194	2011-0048610	8343303
65067A-US-NP	United States Of America	COMPOSITION USEFUL AS AN ADHESIVE FOR INSTALLING VEHICLE WINDOWS	DOW GLOBAL TECHNOLOGIES LLC	07/03/2007	11/824984	2008-0149257	7892395
65067B-CN-PCT	China	COMPOSITION USEFUL AS AN ADHESIVE FOR INSTALLING VEHICLE WINDOWS	DOW GLOBAL TECHNOLOGIES INC	06/05/2007	200780043028.1	101595146A	200780043028.1
65067B-DE-EPT	Germany	COMPOSITION USEFUL AS AN ADHESIVE FOR INSTALLING VEHICLE WINDOWS	DOW GLOBAL TECHNOLOGIES INC	06/05/2007	07809312.7	2097465	602007010346.0
65068A-US-NP	United States Of America	TWO PART POLYURETHANE CURABLE COMPOSITION HAVING SUBSTANTIALLY CONSISTENT G-MODULUS ACROSS THE RANGE OF USE TEMPERATURES	DOW GLOBAL TECHNOLOGIES LLC	07/22/2008	12/177706	2009-0044907	8399595
65068B-BR-PCT	Brazil	TWO PART POLYURETHANE CURABLE COMPOSITION HAVING SUBSTANTIALLY CONSISTENT G-MODULUS ACROSS THE RANGE OF USE TEMPERATURES	DOW GLOBAL TECHNOLOGIES INC	07/22/2008	P10813070.1		
65068B-CN-EPT	Switzerland	TWO PART POLYURETHANE CURABLE COMPOSITION HAVING SUBSTANTIALLY CONSISTENT G-MODULUS ACROSS THE RANGE OF USE TEMPERATURES	DOW GLOBAL TECHNOLOGIES LLC	04/11/2013	13163416.4	2762508	2762508
65068B-CH-EPT	Switzerland	TWO PART POLYURETHANE CURABLE COMPOSITION HAVING SUBSTANTIALLY CONSISTENT G-MODULUS ACROSS THE RANGE OF USE TEMPERATURES	DOW GLOBAL TECHNOLOGIES LLC	07/22/2008	08782304.5	2183294	
65068B-CN-PCT	China	TWO PART POLYURETHANE CURABLE COMPOSITION HAVING SUBSTANTIALLY CONSISTENT G-MODULUS ACROSS THE RANGE OF USE TEMPERATURES	DOW GLOBAL TECHNOLOGIES INC	07/22/2008	200880025548.4	101778877A	200880025548.4

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
650688-DE-EPD	Germany	TWO PART POLYURETHANE CURABLE COMPOSITION HAVING SUBSTANTIALLY CONSISTENT G-MODULUS ACROSS THE RANGE OF USE TEMPERATURES	DOW GLOBAL TECHNOLOGIES LLC	04/11/2013	13163416.4	2762508	09/19/2018	2762508
		TWO PART POLYURETHANE CURABLE COMPOSITION HAVING SUBSTANTIALLY CONSISTENT G-MODULUS ACROSS THE RANGE OF USE TEMPERATURES						
		TWO PART POLYURETHANE CURABLE COMPOSITION HAVING SUBSTANTIALLY CONSISTENT G-MODULUS ACROSS THE RANGE OF USE TEMPERATURES						
650688-DE-EPT	Germany	TWO PART POLYURETHANE CURABLE COMPOSITION HAVING SUBSTANTIALLY CONSISTENT G-MODULUS ACROSS THE RANGE OF USE TEMPERATURES	DOW GLOBAL TECHNOLOGIES LLC	07/22/2008	08782204.5	2183294		
		TWO PART POLYURETHANE CURABLE COMPOSITION HAVING SUBSTANTIALLY CONSISTENT G-MODULUS ACROSS THE RANGE OF USE TEMPERATURES						
		TWO PART POLYURETHANE CURABLE COMPOSITION HAVING SUBSTANTIALLY CONSISTENT G-MODULUS ACROSS THE RANGE OF USE TEMPERATURES						
650688-EP-EPD	European Procedure (Patents)	TWO PART POLYURETHANE CURABLE COMPOSITION HAVING SUBSTANTIALLY CONSISTENT G-MODULUS ACROSS THE RANGE OF USE TEMPERATURES	DOW GLOBAL TECHNOLOGIES LLC	04/11/2013	13163416.4	2762508	09/19/2018	2762508
		TWO PART POLYURETHANE CURABLE COMPOSITION HAVING SUBSTANTIALLY CONSISTENT G-MODULUS ACROSS THE RANGE OF USE TEMPERATURES						
		TWO PART POLYURETHANE CURABLE COMPOSITION HAVING SUBSTANTIALLY CONSISTENT G-MODULUS ACROSS THE RANGE OF USE TEMPERATURES						
650688-EP-EPT	European Procedure (Patents)	TWO PART POLYURETHANE CURABLE COMPOSITION HAVING SUBSTANTIALLY CONSISTENT G-MODULUS ACROSS THE RANGE OF USE TEMPERATURES	DOW GLOBAL TECHNOLOGIES LLC	07/22/2008	08782204.5	2183294		
		TWO PART POLYURETHANE CURABLE COMPOSITION HAVING SUBSTANTIALLY CONSISTENT G-MODULUS ACROSS THE RANGE OF USE TEMPERATURES						
		TWO PART POLYURETHANE CURABLE COMPOSITION HAVING SUBSTANTIALLY CONSISTENT G-MODULUS ACROSS THE RANGE OF USE TEMPERATURES						
650688-FR-EPD	France	TWO PART POLYURETHANE CURABLE COMPOSITION HAVING SUBSTANTIALLY CONSISTENT G-MODULUS ACROSS THE RANGE OF USE TEMPERATURES	DOW GLOBAL TECHNOLOGIES LLC	04/11/2013	13163416.4	2762508	09/19/2018	2762508
		TWO PART POLYURETHANE CURABLE COMPOSITION HAVING SUBSTANTIALLY CONSISTENT G-MODULUS ACROSS THE RANGE OF USE TEMPERATURES						
		TWO PART POLYURETHANE CURABLE COMPOSITION HAVING SUBSTANTIALLY CONSISTENT G-MODULUS ACROSS THE RANGE OF USE TEMPERATURES						
650688-FR-EPT	France	TWO PART POLYURETHANE CURABLE COMPOSITION HAVING SUBSTANTIALLY CONSISTENT G-MODULUS ACROSS THE RANGE OF USE TEMPERATURES	DOW GLOBAL TECHNOLOGIES LLC	07/22/2008	08782204.5	2183294		
		TWO PART POLYURETHANE CURABLE COMPOSITION HAVING SUBSTANTIALLY CONSISTENT G-MODULUS ACROSS THE RANGE OF USE TEMPERATURES						
		TWO PART POLYURETHANE CURABLE COMPOSITION HAVING SUBSTANTIALLY CONSISTENT G-MODULUS ACROSS THE RANGE OF USE TEMPERATURES						
650688-JP-PCT	Japan	TWO PART POLYURETHANE CURABLE COMPOSITION HAVING SUBSTANTIALLY CONSISTENT G-MODULUS ACROSS THE RANGE OF USE TEMPERATURES	DOW GLOBAL TECHNOLOGIES LLC	07/22/2008	2010-518335	2010-534741	04/25/2014	5530355
		TWO PART POLYURETHANE CURABLE COMPOSITION HAVING SUBSTANTIALLY CONSISTENT G-MODULUS ACROSS THE RANGE OF USE TEMPERATURES						
		TWO PART POLYURETHANE CURABLE COMPOSITION HAVING SUBSTANTIALLY CONSISTENT G-MODULUS ACROSS THE RANGE OF USE TEMPERATURES						

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NO.	CLASS.	INVENTOR	TITLE	IPC CLASS.	FILED DATE	APP. NUMBER	PRI. NUMBER	GRANT NUMBER
65068B-KR-PCT		SOUTH KOREA	TWO PART POLYURETHANE CURABLE COMPOSITION HAVING SUBSTANTIALLY CONSISTENT G-MODULUS ACROSS THE RANGE OF USE TEMPERATURES	DOW GLOBAL TECHNOLOGIES LLC	07/22/2008	2010-7001423		10-1572276
65358A-BR-PCT		Brazil	HEAT-RESISTANT STRUCTURAL EPOXY RESINS	DOW GLOBAL TECHNOLOGIES INC	04/09/2008	P10809752.6		P10809752.6
65358A-CN-PCT		China	HEAT-RESISTANT STRUCTURAL EPOXY RESINS	DOW GLOBAL TECHNOLOGIES INC	04/09/2008	200880019925.3		200880019925.3
65358A-DE-EPT		Germany	HEAT-RESISTANT STRUCTURAL EPOXY RESINS	DOW GLOBAL TECHNOLOGIES LLC	04/09/2008	08745329.6	2137277	05/25/2011 602008007195.2
65358A-FR-EPT		France	HEAT-RESISTANT STRUCTURAL EPOXY RESINS	DOW GLOBAL TECHNOLOGIES LLC	04/09/2008	08745329.6	2137277	05/25/2011 2137277
65358A-GB-EPT		United Kingdom	HEAT-RESISTANT STRUCTURAL EPOXY RESINS	DOW GLOBAL TECHNOLOGIES LLC	04/09/2008	08745329.6	2137277	05/25/2011 2137277
65358A-IT-EPT		Italy	HEAT-RESISTANT STRUCTURAL EPOXY RESINS	DOW GLOBAL TECHNOLOGIES LLC	04/09/2008	08745329.6	2137277	05/25/2011 2137277
65358A-JP-PCT		Japan	HEAT-RESISTANT STRUCTURAL EPOXY RESINS	DOW GLOBAL TECHNOLOGIES LLC	04/09/2008	2010-503168	2010-523800	10/18/2013 5390505
65358A-KR-PCT		SOUTH KOREA	HEAT-RESISTANT STRUCTURAL EPOXY RESINS	DOW GLOBAL TECHNOLOGIES LLC	04/09/2008	2009-7023461		11/25/2014 10-1467602
65358B-US-CNT		United States Of America	HEAT-RESISTANT STRUCTURAL EPOXY RESINS	DOW GLOBAL TECHNOLOGIES LLC	01/06/2012	13/344635	2012-0103517	11/19/2013 8585861
65358B-US-NP		United States Of America	HEAT-RESISTANT STRUCTURAL EPOXY RESINS	DOW GLOBAL TECHNOLOGIES LLC	04/09/2008	12/099804	2008-251202	01/17/2012 8097119
65494A-US-NP		United States Of America	ADHESION PROMOTION ADDITIVES AND METHODS FOR IMPROVING COATING COMPOSITIONS	DOW GLOBAL TECHNOLOGIES LLC	12/18/2007	11/959107	2008-0145564	11/24/2015 9193880
65494B-BR-PCT		Brazil	ADHESION PROMOTION ADDITIVES AND METHODS FOR IMPROVING COATING COMPOSITIONS	DOW GLOBAL TECHNOLOGIES INC	12/18/2007	P10719411.0		
65494B-CA-PCT		Canada	ADHESION PROMOTION ADDITIVES AND METHODS FOR IMPROVING COATING COMPOSITIONS	DOW GLOBAL TECHNOLOGIES LLC	12/18/2007	2673346		12/02/2014 2673346
65494B-CH-EPT		Switzerland	ADHESION PROMOTION ADDITIVES AND METHODS FOR IMPROVING COATING COMPOSITIONS	DOW GLOBAL TECHNOLOGIES LLC	12/18/2007	07865808.5	2121827	10/19/2016 2121827
65494B-CN-PCT		China	ADHESION PROMOTION ADDITIVES AND METHODS FOR IMPROVING COATING COMPOSITIONS	DOW GLOBAL TECHNOLOGIES INC	12/18/2007	200780046980.7		07/16/2014 200780046980.7

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65496A-FR-EPT	France	SYSTEM FOR BONDING GLASS INTO A STRUCTURE SYSTEM FOR BONDING GLASS INTO A STRUCTURE	DOW GLOBAL TECHNOLOGIES LLC	02/08/2008	08729341.1	2125365		
65496A-KR-PCT	SOUTH KOREA	INTO A STRUCTURE STRUCTURAL EPOXY RESINS CONTAINING CORE-SHELL RUBBERS	DOW GLOBAL TECHNOLOGIES LLC	02/08/2008	2009-7017032		11/18/2014	10-1464791
65501B-US-NP	United States Of America	ADHESIVE USEFUL FOR INSTALLING VEHICLE WINDOWS	DOW GLOBAL TECHNOLOGIES LLC	04/09/2008	12/099856	2008-251203	01/03/2012	8088245
65637A-CH-EPT	Switzerland	ADHESIVE USEFUL FOR INSTALLING VEHICLE WINDOWS	DOW GLOBAL TECHNOLOGIES LLC	02/01/2008	08728838.7	2118162	10/25/2017	2118162
65637A-CN-PCT	China	ADHESIVE USEFUL FOR INSTALLING VEHICLE WINDOWS	DOW GLOBAL TECHNOLOGIES LLC	02/01/2008	200880006254.7	101631814A	12/19/2012	200880006254.7
65637A-DE-EPT	Germany	ADHESIVE USEFUL FOR INSTALLING VEHICLE WINDOWS	DOW GLOBAL TECHNOLOGIES LLC	02/01/2008	08728838.7	2118162	10/25/2017	602008052638.0
65637A-EP-EPT	European Procedure (Patents)	ADHESIVE USEFUL FOR INSTALLING VEHICLE WINDOWS	DOW GLOBAL TECHNOLOGIES LLC	02/01/2008	08728838.7	2118162	10/25/2017	2118162
65637A-FR-EPT	France	ADHESIVE USEFUL FOR INSTALLING VEHICLE WINDOWS	DOW GLOBAL TECHNOLOGIES LLC	02/01/2008	08728838.7	2118162	10/25/2017	2118162
65637A-GB-EPT	United Kingdom	ADHESIVE USEFUL FOR INSTALLING VEHICLE WINDOWS	DOW GLOBAL TECHNOLOGIES LLC	02/01/2008	08728838.7	2118162	10/25/2017	2118162
65637A-JP-PCT	Japan	ADHESIVE USEFUL FOR INSTALLING VEHICLE WINDOWS	DOW GLOBAL TECHNOLOGIES LLC	02/01/2008	2009-548471	2010-518198	11/15/2013	5410993
65637A-KR-PCT	SOUTH KOREA	ADHESIVE USEFUL FOR INSTALLING VEHICLE WINDOWS	DOW GLOBAL TECHNOLOGIES INC	02/01/2008	2009-7015946		11/06/2014	10-1461014
65639-CN-PCT	China	ONE-PART STRUCTURAL EPOXY RESIN ADHESIVES CONTAINING ELASTOMERIC TOUGHENERS CAPPED WITH PHENOLS AND HYDROXY-TERMINATED ACRYLATES OR HYDROXY-TERMINATED METHACRYLATES	DOW GLOBAL TECHNOLOGIES LLC	08/11/2009	200980131360.2	102119201A	07/03/2013	200980131360.2
65639-DE-EPT	Germany	ONE-PART STRUCTURAL EPOXY RESIN ADHESIVES CONTAINING ELASTOMERIC TOUGHENERS CAPPED WITH PHENOLS AND HYDROXY-TERMINATED ACRYLATES OR HYDROXY-TERMINATED METHACRYLATES	DOW GLOBAL TECHNOLOGIES LLC	08/11/2009	09791357.8	2313470	12/07/2016	602009042950.7

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PUB. NUMBER	GRANT DATE	GRANT NUMBER
65639-US-CNT	United States Of America	ONE-PART STRUCTURAL EPOXY RESIN ADHESIVES CONTAINING ELASTOMERIC TOUGHENERS CAPPED WITH PHENOLS AND HYDROXY-TERMINATED ACRYLATES OR HYDROXY-TERMINATED METHACRYLATES	DOW GLOBAL TECHNOLOGIES LLC	04/28/2014	14/263134	2014-0275423	06/13/2017	9676887
65639-US-PCT	United States Of America	ONE-PART STRUCTURAL EPOXY RESIN ADHESIVES CONTAINING ELASTOMERIC TOUGHENERS CAPPED WITH PHENOLS AND HYDROXY-TERMINATED ACRYLATES OR HYDROXY-TERMINATED METHACRYLATES	DOW GLOBAL TECHNOLOGIES LLC	08/11/2009	13/056370	2011-0126981	06/10/2014	8747605
65694A-US-NP	United States Of America	IMPROVED PRIMER ADHESION PROMOTERS, COMPOSITIONS AND METHODS	DOW GLOBAL TECHNOLOGIES LLC	02/19/2008	12/033447	2008-0269452	10/05/2010	7807016
65694B-CN-PCT	China	IMPROVED PRIMER ADHESION PROMOTERS, COMPOSITIONS AND METHODS	DOW GLOBAL TECHNOLOGIES LLC	02/19/2008	200880013104.9		11/27/2013	200880013104.9
65694B-DE-EPT	Germany	IMPROVED PRIMER ADHESION PROMOTERS, COMPOSITIONS AND METHODS	DOW GLOBAL TECHNOLOGIES LLC	02/19/2008	08730135.4	2142581	04/08/2015	602008037555.2
65694B-JP-PCD	Japan	IMPROVED PRIMER ADHESION PROMOTERS, COMPOSITIONS AND METHODS	DOW GLOBAL TECHNOLOGIES LLC	10/23/2014	2014.216207	2015-045015	12/25/2015	5859624
65694B-JP-PCT	Japan	IMPROVED PRIMER ADHESION PROMOTERS, COMPOSITIONS AND METHODS	DOW GLOBAL TECHNOLOGIES LLC	02/19/2008	2010-506345	2010-526889	02/13/2015	5693217
65694B-KR-PCD	SOUTH KOREA	IMPROVED PRIMER ADHESION PROMOTERS, COMPOSITIONS AND METHODS	DOW GLOBAL TECHNOLOGIES LLC	12/31/2014	2014-7037104		01/15/2016	10-1587754
65694B-KR-PCT	SOUTH KOREA	IMPROVED PRIMER ADHESION PROMOTERS, COMPOSITIONS AND METHODS	DOW GLOBAL TECHNOLOGIES LLC	02/19/2008	2009-7022112		04/09/2015	10-1512523
65695A-US-CNT	United States Of America	UNIVERSAL PRIMER COMPOSITIONS AND METHODS	DOW GLOBAL TECHNOLOGIES LLC	05/20/2011	13/112378	2011-0218299	10/30/2012	8298368
65695A-US-DIV	United States Of America	UNIVERSAL PRIMER COMPOSITIONS AND METHODS	DOW GLOBAL TECHNOLOGIES LLC	11/13/2009	12/618298	2010-0063196	06/07/2011	7956151
65695A-US-NP	United States Of America	UNIVERSAL PRIMER COMPOSITIONS AND METHODS	DOW GLOBAL TECHNOLOGIES LLC	03/04/2008	12/041915	2008-0268259	04/06/2010	7691479

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PATENT NUMBER	COUNTRY	FILED	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
65695B-CH-ETD	Switzerland	UNIVERSAL PRIMER COMPOSITIONS AND METHODS	DOW GLOBAL TECHNOLOGIES LLC	02/21/2008	10157094.3	2194083	02/08/2012	2194083
65695B-CN-PCT	China	UNIVERSAL PRIMER COMPOSITIONS AND METHODS	DOW GLOBAL TECHNOLOGIES INC	02/21/2008	200910207716.8	101696344A	11/21/2012	200910207716.8
65695B-CN-PCT	China	UNIVERSAL PRIMER COMPOSITIONS AND METHODS	DOW GLOBAL TECHNOLOGIES LLC	02/21/2008	200880013114.2		11/28/2012	200880013114.2
65695B-DE-ETD	Germany	UNIVERSAL PRIMER COMPOSITIONS AND METHODS	DOW GLOBAL TECHNOLOGIES LLC	02/21/2008	10157094.3	2194083	02/08/2012	602008013400.8
65695B-EP-EPT	European Procedure (Patents)	UNIVERSAL PRIMER COMPOSITIONS AND METHODS	DOW GLOBAL TECHNOLOGIES LLC	02/21/2008	08730334.3	2142582		
65695B-ES-ETD	Spain	UNIVERSAL PRIMER COMPOSITIONS AND METHODS	DOW GLOBAL TECHNOLOGIES LLC	02/21/2008	10157094.3	2194083	02/08/2012	2194083
65695B-FR-ETD	France	UNIVERSAL PRIMER COMPOSITIONS AND METHODS	DOW GLOBAL TECHNOLOGIES LLC	02/21/2008	10157094.3	2194083	02/08/2012	2194083
65695B-GB-ETD	United Kingdom	UNIVERSAL PRIMER COMPOSITIONS AND METHODS	DOW GLOBAL TECHNOLOGIES LLC	02/21/2008	10157094.3	2194083	02/08/2012	2194083
65695B-IT-ETD	Italy	UNIVERSAL PRIMER COMPOSITIONS AND METHODS	DOW GLOBAL TECHNOLOGIES LLC	02/21/2008	10157094.3	2194083	02/08/2012	2194083
65695B-JP-PCT	Japan	UNIVERSAL PRIMER COMPOSITIONS AND METHODS	DOW GLOBAL TECHNOLOGIES LLC	01/22/2010	2010-012263	2010-144181	03/28/2014	5508873
65695B-JP-PCT	Japan	UNIVERSAL PRIMER COMPOSITIONS AND METHODS	DOW GLOBAL TECHNOLOGIES LLC	02/21/2008	2010-506347	2010-525146	12/19/2014	5666294
65695B-KR-PCT	SOUTH KOREA	UNIVERSAL PRIMER COMPOSITIONS AND METHODS	DOW GLOBAL TECHNOLOGIES LLC	02/21/2008	10-2009-7024365		01/30/2015	10-1490536
65696A-US-NP	United States Of America	ADHESIVES WITH VERY LOW SENSITIVITY TO TEMPERATURE VARIATIONS	DOW GLOBAL TECHNOLOGIES LLC	06/18/2008	12/142261	2008-0319105	12/01/2009	7625977
65696B-BR-PCT	Brazil	CRASH DURABLE EPOXY ADHESIVES WITH VERY LOW SENSITIVITY TO TEMPERATURE VARIATIONS	DOW GLOBAL TECHNOLOGIES INC	06/18/2008	PI0811680.6			

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CAS NUMBER	COUNTRY	ITEM	OWNER	RECORD DATE	APP. NUMBER	FILE NUMBER	GRANT DATE	GRANT NUMBER
65696B-CN-PCT	China	CRASH DURABLE EPOXY ADHESIVES WITH VERY LOW SENSITIVITY TO TEMPERATURE VARIATIONS	DOW GLOBAL TECHNOLOGIES INC	06/18/2008	200880020989.5	101679579	05/30/2012	200880020989.5
65696B-JP-PCT	Japan	CRASH DURABLE EPOXY ADHESIVES WITH VERY LOW SENSITIVITY TO TEMPERATURE VARIATIONS	DOW GLOBAL TECHNOLOGIES LLC	06/18/2008	2010-513367		12/12/2014	5662145
65696B-KR-PCT	SOUTH KOREA	ADHESIVES WITH VERY LOW SENSITIVITY TO TEMPERATURE VARIATIONS	DOW GLOBAL TECHNOLOGIES LLC	06/18/2008	10-2010-7001209	10-2010-0049545	11/25/2014	10-1467609
65937A-BR-PCT	Brazil	METHOD OF PREPARING GLASS AND CERAMIC ENAMELS ON GLASS FOR ADHESIVE	DOW GLOBAL TECHNOLOGIES INC	05/19/2008	P10804474.0			
65937A-CA-PCT	Canada	METHOD OF PREPARING GLASS AND CERAMIC ENAMELS ON GLASS FOR ADHESIVE	DOW GLOBAL TECHNOLOGIES LLC	05/19/2008	2659367	2659367	08/23/2011	2659367
65937A-CN-PCT	China	METHOD OF PREPARING GLASS AND CERAMIC ENAMELS ON GLASS FOR ADHESIVE	DOW GLOBAL TECHNOLOGIES INC	05/19/2008	200880000500.8	101541700A	09/19/2012	200880000500.8
65937A-DE-EPT	Germany	METHOD OF PREPARING GLASS AND CERAMIC ENAMELS ON GLASS FOR ADHESIVE	DOW GLOBAL TECHNOLOGIES LLC	05/19/2008	08755831.8	2160365	04/18/2012	602008014928.5
65937A-FR-EPT	France	METHOD OF PREPARING GLASS AND CERAMIC ENAMELS ON GLASS FOR ADHESIVE	DOW GLOBAL TECHNOLOGIES LLC	05/19/2008	08755831.8	2160365	04/18/2012	2160365
65937A-IN-PCT	India	METHOD OF PREPARING GLASS AND CERAMIC ENAMELS ON GLASS FOR ADHESIVE	DOW GLOBAL TECHNOLOGIES LLC	05/19/2008	229/CHE/NP/2009		06/03/2014	261092
65937A-IT-EPT	Italy	METHOD OF PREPARING GLASS AND CERAMIC ENAMELS ON GLASS FOR ADHESIVE	DOW GLOBAL TECHNOLOGIES LLC	05/19/2008	08755831.8	2160365	04/18/2012	2160365
65937A-JP-PCT	Japan	METHOD OF PREPARING GLASS AND CERAMIC ENAMELS ON GLASS FOR ADHESIVE	DOW GLOBAL TECHNOLOGIES LLC	05/19/2008	2009-524030	2010-500278	05/02/2013	5260517

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PATENT NUMBER	COUNTRY	TITLE	OWNER	PENDING DATE	APP. NUMBER	PIF# NUMBER	GRANT NUMBER
65937A-KR-PCT	SOUTH KOREA	METHOD OF PREPARING GLASS AND CERAMIC ENAMELS ON GLASS FOR ADHESIVE BONDING	DOW GLOBAL TECHNOLOGIES LLC	05/19/2008	2009-7001881	2009-86509	07/06/2011 1048979
65937A-MX-PCT	Mexico	METHOD OF PREPARING GLASS AND CERAMIC ENAMELS ON GLASS FOR ADHESIVE BONDING	DOW GLOBAL TECHNOLOGIES LLC	05/19/2008	MX/a/09/000948		04/10/2012 297973
65937A-US-NP	United States Of America	METHOD OF PREPARING GLASS AND CERAMIC ENAMELS ON GLASS FOR ADHESIVE BONDING	DOW GLOBAL TECHNOLOGIES LLC	01/14/2009	12/373763	2009-0260742	05/07/2013 8435371
66006A-US-NP	United States Of America	TWO PART CRASH DURABLE EPOXY ADHESIVES	DOW GLOBAL TECHNOLOGIES LLC	08/12/2008	12/190137	2009-0048370	10/02/2012 8278398
66132A-US-NP	United States Of America	POLYURETHANE SEALANT COMPOSITIONS HAVING HIGH FILLER LEVELS	DOW GLOBAL TECHNOLOGIES LLC	10/10/2008	12/249030	2009-0114336	08/11/2015 9102854
66132B-BR-PCT	Brazil	POLYURETHANE SEALANT COMPOSITIONS HAVING HIGH FILLER LEVELS	DOW GLOBAL TECHNOLOGIES INC	10/10/2008	P10817385.0		
66132B-CH-EPT	Switzerland	POLYURETHANE SEALANT COMPOSITIONS HAVING HIGH FILLER LEVELS	DOW GLOBAL TECHNOLOGIES LLC	10/10/2008	08846432.6	2207830	
66132B-CN-PCT	China	POLYURETHANE SEALANT COMPOSITIONS HAVING HIGH FILLER LEVELS	DOW GLOBAL TECHNOLOGIES INC	10/10/2008	200880115030.X	101848953A	11/07/2012 2008801.5030.X
66132B-DE-EPT	Germany	POLYURETHANE SEALANT COMPOSITIONS HAVING HIGH FILLER LEVELS	DOW GLOBAL TECHNOLOGIES LLC	10/10/2008	08846432.6	2207830	
66132B-EP-EPT	European Procedure (Patents)	POLYURETHANE SEALANT COMPOSITIONS HAVING HIGH FILLER LEVELS	DOW GLOBAL TECHNOLOGIES LLC	10/10/2008	08846432.6	2207830	
66132B-FR-EPT	France	POLYURETHANE SEALANT COMPOSITIONS HAVING HIGH FILLER LEVELS	DOW GLOBAL TECHNOLOGIES LLC	10/10/2008	08846432.6	2207830	
66132B-JP-PCT	Japan	POLYURETHANE SEALANT COMPOSITIONS HAVING HIGH FILLER LEVELS	DOW GLOBAL TECHNOLOGIES LLC	10/10/2008	2010-532114	2011-504192	04/04/2014 5512529
66132B-KR-PCT	SOUTH KOREA	POLYURETHANE SEALANT COMPOSITIONS HAVING HIGH FILLER LEVELS	DOW GLOBAL TECHNOLOGIES LLC	10/10/2008	2010-7010010		06/12/2015 10-1529865
66249-CN-PCD	China	PROCESS FOR BONDING REACTIVE ADHESIVES TO SUBSTRATES	DOW GLOBAL TECHNOLOGIES INC	04/19/2013	201310137295.2	103254866	12/07/2016 201310137295.2
66249-CN-PCT	China	PROCESS FOR BONDING REACTIVE ADHESIVES TO SUBSTRATES	DOW GLOBAL TECHNOLOGIES INC	08/28/2009	200980135289.5	102149739	06/19/2013 200980135289.5

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PATENT NUMBER	IPC CLASS	INVENTOR	PENDING DATE	APP. NUMBER	PRI. NUMBER	GRANT NUMBER
66249-DE-EPT	Germany	PROCESS FOR BONDING REACTIVE ADHESIVES TO SUBSTRATES	DOW GLOBAL TECHNOLOGIES LLC			
66249-EP-EPT	European Procedure (Patents)	PROCESS FOR BONDING REACTIVE ADHESIVES TO SUBSTRATES	DOW GLOBAL TECHNOLOGIES LLC	08/28/2009	09/792034.2	2334071
66249-FR-EPT	France	PROCESS FOR BONDING REACTIVE ADHESIVES TO SUBSTRATES	DOW GLOBAL TECHNOLOGIES LLC			
66249-GB-EPT	United Kingdom	PROCESS FOR BONDING REACTIVE ADHESIVES TO SUBSTRATES	DOW GLOBAL TECHNOLOGIES LLC			
66249-IT-EPT	Italy	PROCESS FOR BONDING REACTIVE ADHESIVES TO SUBSTRATES	DOW GLOBAL TECHNOLOGIES LLC			
66249-JP-PCT	Japan	PROCESS FOR BONDING REACTIVE ADHESIVES TO SUBSTRATES	DOW GLOBAL TECHNOLOGIES LLC	06/13/2014	2014-121955	2014-208829
66249-JP-PCT	Japan	PROCESS FOR BONDING REACTIVE ADHESIVES TO SUBSTRATES	DOW GLOBAL TECHNOLOGIES LLC	08/28/2009	2011-526907	2012-502166
66249-KR-PCT	SOUTH KOREA	PROCESS FOR BONDING REACTIVE ADHESIVES TO SUBSTRATES	DOW GLOBAL TECHNOLOGIES LLC	08/28/2009	2011-7008177	11/28/2016
66249-US-NP	United States Of America	PROCESS FOR BONDING REACTIVE ADHESIVES TO SUBSTRATES	DOW GLOBAL TECHNOLOGIES LLC	08/28/2009	12/549553	2010-0059179
66250-BR-PCT	Brazil	ADHESIVE COMPOSITION ADAPTED FOR BONDING LARGE MASS PARTS TO STRUCTURES	DOW GLOBAL TECHNOLOGIES INC	07/14/2009	P10912919.7	03/05/2013
66250-CH-EPT	Switzerland	ADHESIVE COMPOSITION ADAPTED FOR BONDING LARGE MASS PARTS TO STRUCTURES	DOW GLOBAL TECHNOLOGIES LLC	07/14/2009	09/790366.0	2318448
66250-CN-PCT	China	ADHESIVE COMPOSITION ADAPTED FOR BONDING LARGE MASS PARTS TO STRUCTURES	DOW GLOBAL TECHNOLOGIES LLC	07/14/2009	200980132627.X	10/2131839
66250-DE-EPT	Germany	ADHESIVE COMPOSITION ADAPTED FOR BONDING LARGE MASS PARTS TO STRUCTURES	DOW GLOBAL TECHNOLOGIES LLC	07/14/2009	09/790366.0	2318448
66250-EP-EPT	European Procedure (Patents)	ADHESIVE COMPOSITION ADAPTED FOR BONDING LARGE MASS PARTS TO STRUCTURES	DOW GLOBAL TECHNOLOGIES LLC	07/14/2009	09/790366.0	2318448

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
66250-FR-EPT	France	ADHESIVE COMPOSITION ADAPTED FOR BONDING LARGE MASS PARTS TO STRUCTURES	DOW GLOBAL TECHNOLOGIES LLC	07/14/2009	09790366.0	2318448	08/22/2018	2318448
66250-IN-PCT	India	ADHESIVE COMPOSITION ADAPTED FOR BONDING LARGE MASS PARTS TO STRUCTURES	DOW GLOBAL TECHNOLOGIES LLC	07/14/2009	1185/CHE/MP/2011	1185/CHE/MP/2011		
66250-JP-PCT	Japan	ADHESIVE COMPOSITION ADAPTED FOR BONDING LARGE MASS PARTS TO STRUCTURES	DOW GLOBAL TECHNOLOGIES LLC	07/14/2009	2011-523843	2012-500862	12/26/2014	5669735
66250-KR-PCT	SOUTH KOREA	ADHESIVE COMPOSITION ADAPTED FOR BONDING LARGE MASS PARTS TO STRUCTURES	DOW GLOBAL TECHNOLOGIES LLC	07/14/2009	2011-7003965		08/18/2016	10-1650965
66250-US-PCT	United States Of America	ADHESIVE COMPOSITION ADAPTED FOR BONDING LARGE MASS PARTS TO STRUCTURES PROTECTIVE COATINGS FOR WINDOW GLASS HAVING ENHANCED ADHESION TO GLASS BONDING ADHESIVES PROTECTIVE COATINGS FOR WINDOW GLASS HAVING ENHANCED ADHESION TO GLASS BONDING ADHESIVES	DOW GLOBAL TECHNOLOGIES LLC	07/14/2009	13/002666	2011-0108183	03/11/2014	8668804
66765A-US-NP	United States Of America	ADHESIVE COMPOSITION ADAPTED FOR BONDING LARGE MASS PARTS TO STRUCTURES PROTECTIVE COATINGS FOR WINDOW GLASS HAVING ENHANCED ADHESION TO GLASS BONDING ADHESIVES PROTECTIVE COATINGS FOR WINDOW GLASS HAVING ENHANCED ADHESION TO GLASS BONDING ADHESIVES	DOW GLOBAL TECHNOLOGIES LLC	12/18/2008	12/338752	2009-0162592	04/03/2012	8147974
66765B-CN-PCT	China	ADHESIVE COMPOSITION ADAPTED FOR BONDING LARGE MASS PARTS TO STRUCTURES PROTECTIVE COATINGS FOR WINDOW GLASS HAVING ENHANCED ADHESION TO GLASS BONDING ADHESIVES	DOW GLOBAL TECHNOLOGIES INC	12/18/2008	200880121503.7	101903483	09/10/2014	200880121503.7
66765B-DE-EPT	Germany	ADHESIVE COMPOSITION ADAPTED FOR BONDING LARGE MASS PARTS TO STRUCTURES PROTECTIVE COATINGS FOR WINDOW GLASS HAVING ENHANCED ADHESION TO GLASS BONDING ADHESIVES	DOW GLOBAL TECHNOLOGIES LLC	12/18/2008	08861056.3	2225339	06/29/2016	602008044935.1
66765B-FR-EPT	France	ADHESIVE COMPOSITION ADAPTED FOR BONDING LARGE MASS PARTS TO STRUCTURES PROTECTIVE COATINGS FOR WINDOW GLASS HAVING ENHANCED ADHESION TO GLASS BONDING ADHESIVES	DOW GLOBAL TECHNOLOGIES LLC	12/18/2008	08861056.3	2225339	06/29/2016	2225339
66765B-GB-EPT	United Kingdom	ADHESIVE COMPOSITION ADAPTED FOR BONDING LARGE MASS PARTS TO STRUCTURES PROTECTIVE COATINGS FOR WINDOW GLASS HAVING ENHANCED ADHESION TO GLASS BONDING ADHESIVES	DOW GLOBAL TECHNOLOGIES LLC	12/18/2008	08861056.3	2225339	06/29/2016	2225339
66765B-IT-EPT	Italy	ADHESIVE COMPOSITION ADAPTED FOR BONDING LARGE MASS PARTS TO STRUCTURES PROTECTIVE COATINGS FOR WINDOW GLASS HAVING ENHANCED ADHESION TO GLASS BONDING ADHESIVES	DOW GLOBAL TECHNOLOGIES LLC	12/18/2008	08861056.3	2225339	06/29/2016	502016000096782

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PATENT NUMBER	COUNTRY	TITLE	OWNER	PENDING DATE	APP. NUMBER	PRI. NUMBER	GRANT NUMBER
66765B-JP-PCT	Japan	PROTECTIVE COATINGS FOR WINDOW GLASS HAVING ENHANCED ADHESION TO GLASS BONDING ADHESIVES PROTECTIVE COATINGS FOR WINDOW GLASS HAVING ENHANCED ADHESION TO GLASS BONDING ADHESIVES	DOW GLOBAL TECHNOLOGIES LLC	12/18/2008	2010-539823		5571572
66765B-KR-PCT	SOUTH KOREA	PROTECTIVE COATINGS FOR WINDOW GLASS HAVING ENHANCED ADHESION TO GLASS BONDING ADHESIVES	DOW GLOBAL TECHNOLOGIES LLC	12/18/2008	2010-7015802		10-1587666
66968A-US-CIP	United States Of America	REFRIGERANT COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	05/19/2011	13/111389	2011-0272624	8246852
66968A-US-NP	United States Of America	REFRIGERANT COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	04/03/2009	12/417944	2009-0302264	8003003
66968B-BR-PCT	Brazil	REFRIGERANT COMPOSITION	DOW GLOBAL TECHNOLOGIES INC	04/03/2009	P10906547.4		
66968B-CN-PCT	China	REFRIGERANT COMPOSITION	TECHNOLOGIES INC	04/03/2009	200980120282.6	102046752A	200980120282.6
66968B-DE-EPT	Germany	REFRIGERANT COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	04/03/2009	09755484.4	2285931	602009049259.4
66968B-EP-EPT	European Procedure (Patents)	REFRIGERANT COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	04/03/2009	09755484.4	2285931	2285931
66968B-FR-EPT	France	REFRIGERANT COMPOSITION	TECHNOLOGIES LLC	04/03/2009	09755484.4	2285931	2285931
66968B-GB-EPT	United Kingdom	REFRIGERANT COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	04/03/2009	09755484.4	2285931	2285931
66968B-JP-PCT	Japan	REFRIGERANT COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	04/03/2009	2011-503201	2011-516671	5774981
66968B-KR-PCT	SOUTH KOREA	REFRIGERANT COMPOSITION	TECHNOLOGIES LLC	04/03/2009	2010-7024668		10-1593716
67437A-US-NP	United States Of America	INSTALLING VEHICLE WINDOWS PROVIDING RAPID DRIVE AWAY TIME	DOW GLOBAL TECHNOLOGIES LLC	02/26/2009	12/393550	2010-0154969	8236891
67437B-BR-PCT	Brazil	INSTALLING VEHICLE WINDOWS PROVIDING RAPID DRIVE AWAY TIME	DOW GLOBAL TECHNOLOGIES LLC	02/26/2009	P10916097.3		
67437B-CN-EPT	Switzerland	ADHESIVE USEFUL FOR INSTALLING VEHICLE WINDOWS PROVIDING RAPID DRIVE AWAY TIME	DOW GLOBAL TECHNOLOGIES LLC	02/26/2009	09789481.0	2382254	2382254
67437B-CN-PCT	China	ADHESIVE USEFUL FOR INSTALLING VEHICLE WINDOWS PROVIDING RAPID DRIVE AWAY TIME	DOW GLOBAL TECHNOLOGIES LLC	02/26/2009	200980148515.3	102239199	200980148515.3

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PATENT NO.	IPC CLASS.	INVENTOR	ASSIGNOR	FILED DATE	APP. NO.	APP. DATE	APP. NO.	APP. DATE	GRANT NO.	GRANT DATE
67437B-DE-EPT	Germany	ADHESIVE USEFUL FOR INSTALLING VEHICLE WINDOWS PROVIDING RAPID DRIVE AWAY TIME	DOW GLOBAL TECHNOLOGIES LLC	02/26/2009	09789481.0	2382254	08/16/2017	602009047794.3		
67437B-FR-EPT	France	ADHESIVE USEFUL FOR INSTALLING VEHICLE WINDOWS PROVIDING RAPID DRIVE AWAY TIME	DOW GLOBAL TECHNOLOGIES LLC	02/26/2009	09789481.0	2382254	08/16/2017	2382254		
67437B-IN-PCT	India	ADHESIVE USEFUL FOR INSTALLING VEHICLE WINDOWS PROVIDING RAPID DRIVE AWAY TIME	DOW GLOBAL TECHNOLOGIES LLC	02/26/2009	4472/CHE/MP/2011	4472/CHE/MP/2011	02/26/2018	293382		
67437B-JP-PCD	Japan	ADHESIVE USEFUL FOR INSTALLING VEHICLE WINDOWS PROVIDING RAPID DRIVE AWAY TIME	DOW GLOBAL TECHNOLOGIES LLC	11/28/2014	2014-240949	2015-091972	05/11/2018	6336381		
67437B-JP-PCT	Japan	ADHESIVE USEFUL FOR INSTALLING VEHICLE WINDOWS PROVIDING RAPID DRIVE AWAY TIME	DOW GLOBAL TECHNOLOGIES LLC	02/26/2009	2011-539527	2012-510556	07/21/2017	6178542		
67437B-KR-PCT	SOUTH KOREA	ADHESIVE USEFUL FOR INSTALLING VEHICLE WINDOWS PROVIDING RAPID DRIVE AWAY TIME	DOW GLOBAL TECHNOLOGIES LLC	02/26/2009	2011-7014389		03/17/2016	10-1605928		
67548-BR-PCT	Brazil	LOW VISCOSITY FUNCTIONAL FLUIDS	DOW GLOBAL TECHNOLOGIES LLC	06/22/2011	112012033194.9					
67548-CN-PCT	China	LOW VISCOSITY FUNCTIONAL FLUIDS	DOW GLOBAL TECHNOLOGIES LLC	06/22/2011	2011180033046.8	102971404	09/24/2014	2011180033046.8		
67548-DE-EPT	Germany	LOW VISCOSITY FUNCTIONAL FLUIDS	DOW GLOBAL TECHNOLOGIES LLC	06/22/2011	11730489.9	2588582	01/14/2015	602011013160.5		
67548-FR-EPT	France	LOW VISCOSITY FUNCTIONAL FLUIDS	DOW GLOBAL TECHNOLOGIES LLC	06/22/2011	11730489.9	2588582	01/14/2015	2588582		
67548-GB-EPT	United Kingdom	LOW VISCOSITY FUNCTIONAL FLUIDS	DOW GLOBAL TECHNOLOGIES LLC	06/22/2011	11730489.9	2588582	01/14/2015	2588582		
67548-JP-PCT	Japan	LOW VISCOSITY FUNCTIONAL FLUIDS	DOW GLOBAL TECHNOLOGIES LLC	06/22/2011	2013-518473	2013-530292	07/31/2015	5784115		
67548-KR-PCT	SOUTH KOREA	LOW VISCOSITY FUNCTIONAL FLUIDS	DOW GLOBAL TECHNOLOGIES LLC	06/22/2011	2013-7002624	10-20130-038358	05/03/2018	10-1856798		
67548-US-PCT	America	LOW VISCOSITY FUNCTIONAL FLUIDS	DOW GLOBAL TECHNOLOGIES LLC	06/22/2011	13/698706	2013-0090274	09/30/2014	8846588		
67997-CH-EPT	Switzerland	LOW ENERGY SURFACE BONDING SYSTEM CONTAINING A PREMIER WITH LONG OPEN TIME	DOW GLOBAL TECHNOLOGIES LLC	10/29/2009	09752950.7	2350211	02/28/2018	2350211		

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
67997-CN-PCT	China	LOW ENERGY SURFACE BONDING SYSTEM CONTAINING A PRIMER WITH LONG OPEN TIME	DOW GLOBAL TECHNOLOGIES LLC	10/29/2009	200980143295.5	102203194	08/14/2013	200980143295.5
67997-DE-EPT	Germany	LOW ENERGY SURFACE BONDING SYSTEM CONTAINING A PRIMER WITH LONG OPEN TIME	DOW GLOBAL TECHNOLOGIES LLC	10/29/2009	09752950.7	2350211	02/28/2018	602009050986.1
67997-EP-EPT	European Procedure (Patents)	BONDING SYSTEM CONTAINING A PRIMER WITH LONG OPEN TIME	DOW GLOBAL TECHNOLOGIES LLC	10/29/2009	09752950.7	2350211	02/28/2018	2350211
67997-FR-EPT	France	LOW ENERGY SURFACE BONDING SYSTEM CONTAINING A PRIMER WITH LONG OPEN TIME	DOW GLOBAL TECHNOLOGIES LLC	10/29/2009	09752950.7	2350211	02/28/2018	2350211
67997-GB-EPT	United Kingdom	LOW ENERGY SURFACE BONDING SYSTEM CONTAINING A PRIMER WITH LONG OPEN TIME	DOW GLOBAL TECHNOLOGIES LLC	10/29/2009	09752950.7	2350211	02/28/2018	2350211
67997-JP-PCT	Japan	LOW ENERGY SURFACE BONDING SYSTEM CONTAINING A PRIMER WITH LONG OPEN TIME	DOW GLOBAL TECHNOLOGIES LLC	10/29/2009	2011-534742	2012-507605	07/12/2013	5312602
67997-KR-PCT	SOUTH KOREA	LOW ENERGY SURFACE BONDING SYSTEM CONTAINING A PRIMER WITH LONG OPEN TIME	DOW GLOBAL TECHNOLOGIES LLC	10/29/2009	2011-7012226		07/01/2016	10-1637619
67997-US-NP	United States Of America	LOW ENERGY SURFACE BONDING SYSTEM CONTAINING A PRIMER WITH LONG OPEN TIME	DOW GLOBAL TECHNOLOGIES LLC	10/29/2009	12/608366	2010-0105829	12/20/2011	8080609
68623-CN-PCT	China	ADHESIVES CONTAINING ELASTOMERIC TOUGHENERS CAPPED WITH KETOXIMES	DOW GLOBAL TECHNOLOGIES LLC	10/11/2010	201080055248.8	102648262	12/10/2014	201080055248.8
68623-DE-EPT	Germany	ADHESIVES CONTAINING ELASTOMERIC TOUGHENERS CAPPED WITH KETOXIMES STRUCTURAL EPOXY RESIN	DOW GLOBAL TECHNOLOGIES LLC	10/11/2010	10766201.7	2496657	04/27/2016	602010032869.4
68623-FR-EPT	France	ADHESIVES CONTAINING ELASTOMERIC TOUGHENERS CAPPED WITH KETOXIMES	DOW GLOBAL TECHNOLOGIES LLC	10/11/2010	10766201.7	2496657	04/27/2016	2496657

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PATENT NUMBER	COUNTRY	TITLE	OWNER	PENDING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
68623-GB-EPT	United Kingdom	STRUCTURAL EPOXY RESIN ADHESIVES CONTAINING ELASTOMERIC TOUGHENERS CAPPED WITH KETOXIMES	DOW GLOBAL TECHNOLOGIES LLC	10/11/2010	10766201.7	2496657	04/27/2016	2496657
68623-IT-EPT	Italy	ADHESIVES CONTAINING ELASTOMERIC TOUGHENERS CAPPED WITH KETOXIMES	DOW GLOBAL TECHNOLOGIES LLC	10/11/2010	10766201.7	2496657	04/27/2016	502016000076207
68623-US-CNT	United States Of America	STRUCTURAL EPOXY RESIN ADHESIVES CONTAINING ELASTOMERIC TOUGHENERS CAPPED WITH KETOXIMES	DOW GLOBAL TECHNOLOGIES LLC	01/28/2014	144165643	2014-0138028	10/14/2014	8858752
68780-CH-EPT	Switzerland	ADHESIVE AND METHOD OF ADHERING SAID GLASS	DOW GLOBAL TECHNOLOGIES LLC	04/25/2011	11717160.3	2563831	04/20/2016	2563831
68780-CN-PCT	China	IMPROVED VEHICULAR GLASS ADHESIVE AND METHOD OF ADHERING SAID GLASS	DOW GLOBAL TECHNOLOGIES LLC	04/25/2011	201180021714.5	102869695	07/01/2015	201180021714.5
68780-DE-EPT	Germany	ADHESIVE AND METHOD OF ADHERING SAID GLASS	DOW GLOBAL TECHNOLOGIES LLC	04/25/2011	11717160.3	2563831	04/20/2016	602011025575.4
68780-FR-EPT	France	IMPROVED VEHICULAR GLASS ADHESIVE AND METHOD OF ADHERING SAID GLASS	DOW GLOBAL TECHNOLOGIES LLC	04/25/2011	11717160.3	2563831	04/20/2016	2563831
68780-GB-EPT	United Kingdom	ADHESIVE AND METHOD OF ADHERING SAID GLASS	DOW GLOBAL TECHNOLOGIES LLC	04/25/2011	11717160.3	2563831	04/20/2016	2563831
68780-IT-EPT	Italy	IMPROVED VEHICULAR GLASS ADHESIVE AND METHOD OF ADHERING SAID GLASS	DOW GLOBAL TECHNOLOGIES LLC	04/25/2011	11717160.3	2563831	04/20/2016	502016000065817
68780-JP-PCT	Japan	IMPROVED VEHICULAR GLASS ADHESIVE AND METHOD OF ADHERING SAID GLASS	DOW GLOBAL TECHNOLOGIES LLC	04/25/2011	2013-508116	2013-525575	10/30/2015	5830525
68780-KR-PCT	SOUTH KOREA	IMPROVED VEHICULAR GLASS ADHESIVE AND METHOD OF ADHERING SAID GLASS	DOW GLOBAL TECHNOLOGIES LLC	04/25/2011	10-2012-7031268	10-2013-0106273	07/17/2018	10-1881173
68780-US-NP	United States Of America	VEHICULAR GLASS ADHESIVE AND METHOD OF ADHERING SAID GLASS	DOW GLOBAL TECHNOLOGIES LLC	04/25/2011	13/093013	2011-0265932	05/20/2014	8729168
68825-DE-EPT	Germany	TWO-PART POLYURETHANE ADHESIVE FOR BONDING FIBER REINFORCED PLASTICS	DOW GLOBAL TECHNOLOGIES LLC	11/17/2011	11788745.5	2649108	09/30/2015	602011020190.5
68825-FR-EPT	France	TWO-PART POLYURETHANE ADHESIVE FOR BONDING FIBER REINFORCED PLASTICS	DOW GLOBAL TECHNOLOGIES LLC	11/17/2011	11788745.5	2649108	09/30/2015	2649108

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
68825-GB-EPT	United Kingdom	TWO-PART POLYURETHANE ADHESIVE FOR BONDING FIBER REINFORCED PLASTICS	DOW GLOBAL TECHNOLOGIES LLC	11/17/2011	11788745.5	2649108	09/30/2015	2649108
68825-IT-EPT	Italy	TWO-PART POLYURETHANE ADHESIVE FOR BONDING FIBER- REINFORCED PLASTICS	DOW GLOBAL TECHNOLOGIES LLC	11/17/2011	11788745.5	2649108	09/30/2015	502015000085810
68825-US-PCT	United States Of America	TWO-PART POLYURETHANE ADHESIVE FOR BONDING FIBER- REINFORCED PLASTICS	DOW GLOBAL TECHNOLOGIES LLC	11/17/2011	13/990149		06/09/2015	9051499
69104-CN-PCT	China	POLYURETHANE ADHESIVE COMPOSITIONS CONTAINING CALCIUM CARBONATE	DOW GLOBAL TECHNOLOGIES LLC	02/08/2012	201280008742.8	103370350	05/27/2015	
69104-EP-EPT	European Procedure (Patents)	ALKOXYSILANE CONTAINING POLYURETHANE ADHESIVE COMPOSITIONS CONTAINING CALCIUM CARBONATE	DOW GLOBAL TECHNOLOGIES LLC	02/08/2012	12704488.1	2675831		
69104-JP-PCD	Japan	POLYURETHANE ADHESIVE COMPOSITIONS CONTAINING CALCIUM CARBONATE	DOW GLOBAL TECHNOLOGIES LLC	07/12/2016	2016-137543	2017-039908	01/05/2018	6268233
69104-JP-PCT	Japan	ALKOXYSILANE CONTAINING POLYURETHANE ADHESIVE COMPOSITIONS CONTAINING CALCIUM CARBONATE	DOW GLOBAL TECHNOLOGIES LLC	02/08/2012	2013-554482	2014-511412	07/22/2016	5972910
69104-KR-PCD	SOUTH KOREA	POLYURETHANE ADHESIVE COMPOSITIONS CONTAINING CALCIUM CARBONATE	DOW GLOBAL TECHNOLOGIES LLC	06/25/2015	2015-7016962		12/29/2017	10-1815743
69104-KR-PCD[2]	SOUTH KOREA	ALKOXYSILANE CONTAINING POLYURETHANE ADHESIVE COMPOSITIONS CONTAINING CALCIUM CARBONATE	DOW GLOBAL TECHNOLOGIES LLC	12/28/2017	2017-7037650	10-2018-0004838		
69104-KR-PCT	SOUTH KOREA	POLYURETHANE ADHESIVE COMPOSITIONS CONTAINING CALCIUM CARBONATE	DOW GLOBAL TECHNOLOGIES LLC	02/08/2012	2013-7024154		03/31/2017	10-1724180
69104-US-PCT	United States Of America	ALKOXYSILANE CONTAINING POLYURETHANE ADHESIVE COMPOSITIONS CONTAINING CALCIUM CARBONATE	DOW GLOBAL TECHNOLOGIES LLC	02/08/2012	13/996270	2013-0269875	07/21/2015	9085716
69576-CN-PCT	China	WATER BASED PRIMER COMPOSITION FOR ISOCYANATE AND SILANE FUNCTIONAL ADHESIVES	DOW GLOBAL TECHNOLOGIES LLC	03/04/2011	201180023238.0	102985385	03/16/2016	201180023238.0

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
		WATER BASED PRIMER COMPOSITION FOR ISOCYANATE AND SILANE FUNCTIONAL ADHESIVES WATER BASED PRIMER						
69576-DE-EPT	Germany		DOW GLOBAL TECHNOLOGIES LLC	03/04/2011	11714446.9	2545010	01/21/2015	602011013315.2
		COMPOSITION FOR ISOCYANATE AND SILANE FUNCTIONAL ADHESIVES WATER BASED PRIMER						
69576-FR-EPT	France		DOW GLOBAL TECHNOLOGIES LLC	03/04/2011	11714446.9	2545010	01/21/2015	2545010
		WATER BASED PRIMER COMPOSITION FOR ISOCYANATE AND SILANE FUNCTIONAL ADHESIVES WATER BASED PRIMER						
69576-GB-EPT	United Kingdom		DOW GLOBAL TECHNOLOGIES LLC	03/04/2011	11714446.9	2545010	01/21/2015	2545010
		COMPOSITION FOR ISOCYANATE AND SILANE FUNCTIONAL ADHESIVES STRUCTURAL EPOXY RESIN ADHESIVES CONTAINING CHAIN-EXTENDED ELASTOMERIC TOUGHENERS CAPPED WITH PHENOL, POLYPHENOL OR AMINOPHENOL COMPOUNDS STRUCTURAL EPOXY RESIN ADHESIVES CONTAINING CHAIN-EXTENDED ELASTOMERIC TOUGHENERS CAPPED WITH PHENOL, POLYPHENOL OR AMINOPHENOL COMPOUNDS						
69576-US-PCT	United States Of America		DOW GLOBAL TECHNOLOGIES LLC	03/04/2011	13/577668		03/18/2014	8673999
		STRUCTURAL EPOXY RESIN ADHESIVES CONTAINING CHAIN-EXTENDED ELASTOMERIC TOUGHENERS CAPPED WITH PHENOL, POLYPHENOL OR AMINOPHENOL COMPOUNDS STRUCTURAL EPOXY RESIN ADHESIVES CONTAINING CHAIN-EXTENDED ELASTOMERIC TOUGHENERS CAPPED WITH PHENOL, POLYPHENOL OR AMINOPHENOL COMPOUNDS						
69844-BR-PCT	Brazil		DOW GLOBAL TECHNOLOGIES LLC	11/30/2011	112013010668.9			
		STRUCTURAL EPOXY RESIN ADHESIVES CONTAINING CHAIN-EXTENDED ELASTOMERIC TOUGHENERS CAPPED WITH PHENOL, POLYPHENOL OR AMINOPHENOL COMPOUNDS						
69844-CN-PCT	China		DOW GLOBAL TECHNOLOGIES LLC	11/30/2011	201180050786.2	103180400	08/17/2016	201180050786.2
		STRUCTURAL EPOXY RESIN ADHESIVES CONTAINING CHAIN-EXTENDED ELASTOMERIC TOUGHENERS CAPPED WITH PHENOL, POLYPHENOL OR AMINOPHENOL COMPOUNDS						
69844-EP-EPT	European Procedure (Patents)		DOW GLOBAL TECHNOLOGIES LLC	11/30/2011	11793966.0	2655516		
		STRUCTURAL EPOXY RESIN ADHESIVES CONTAINING CHAIN-EXTENDED ELASTOMERIC TOUGHENERS CAPPED WITH PHENOL, POLYPHENOL OR AMINOPHENOL COMPOUNDS						
69844-JP-PCT	Japan		DOW GLOBAL TECHNOLOGIES LLC	11/30/2011	2013-546160	2014-505761	11/04/2016	6035247

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PUB. NUMBER	GRANT DATE	GRANT NUMBER
69844-KR-PCT	SOUTH KOREA	STRUCTURAL EPOXY RESIN ADHESIVES CONTAINING CHAIN-EXTENDED ELASTOMERIC TOUGHENERS CAPPED WITH PHENOL, POLYPHENOL OR AMINOPHENOL COMPOUNDS	DOW GLOBAL TECHNOLOGIES LLC	11/30/2011	2013-7016451	10-2013-0141617		
69844-US-PCT	United States Of America	ELASTOMERIC TOUGHENERS CAPPED WITH PHENOL, POLYPHENOL OR AMINOPHENOL COMPOUNDS	DOW GLOBAL TECHNOLOGIES LLC	11/30/2011	13/821748	2013-0263995	11/10/2015	9181463
70305-CN-PCT	China	CURABLE COMPOSITIONS CONTAINING ISOCYANATE FUNCTIONAL COMPONENTS HAVING IMPROVED DURABILITY IN THE CURED STATE	DOW GLOBAL TECHNOLOGIES LLC	01/14/2015	201510021405.8	104672413		
70305-CN-PCT	China	CONTAINING ISOCYANATE FUNCTIONAL COMPONENTS HAVING IMPROVED DURABILITY IN THE CURED STATE	DOW GLOBAL TECHNOLOGIES LLC	11/23/2011	201180061085.9	103261254	02/11/2015	201180061085.9
70305-DE-EPT	Germany	CURABLE COMPOSITIONS CONTAINING ISOCYANATE FUNCTIONAL COMPONENTS HAVING IMPROVED DURABILITY IN THE CURED STATE	DOW GLOBAL TECHNOLOGIES LLC	11/23/2011	11793953.8	2655459	11/09/2016	602011032260.5
70305-FR-EPT	France	CURABLE COMPOSITIONS CONTAINING ISOCYANATE FUNCTIONAL COMPONENTS HAVING IMPROVED DURABILITY IN THE CURED STATE	DOW GLOBAL TECHNOLOGIES LLC	11/23/2011	11793953.8	2655459	11/09/2016	2655459
70305-GB-EPT	United Kingdom	CURABLE COMPOSITIONS CONTAINING ISOCYANATE FUNCTIONAL COMPONENTS HAVING IMPROVED DURABILITY IN THE CURED STATE	DOW GLOBAL TECHNOLOGIES LLC	11/23/2011	11793953.8	2655459	11/09/2016	2655459

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
70305-IT-EPT	Italy	CURABLE COMPOSITIONS CONTAINING ISOCYANATE FUNCTIONAL COMPONENTS HAVING IMPROVED DURABILITY IN THE CURED STATE	DOW GLOBAL TECHNOLOGIES LLC	11/23/2011	11793953.8	2655459	11/09/2016	502017000012317
70305-JP-PCT	Japan	CURABLE COMPOSITIONS CONTAINING ISOCYANATE FUNCTIONAL COMPONENTS HAVING IMPROVED DURABILITY IN THE CURED STATE	DOW GLOBAL TECHNOLOGIES LLC	11/23/2011	2013-546153	2014-507506	04/24/2015	5736058
70305-KR-PCT	SOUTH KOREA	CURABLE COMPOSITIONS CONTAINING ISOCYANATE FUNCTIONAL COMPONENTS HAVING IMPROVED DURABILITY IN THE CURED STATE	DOW GLOBAL TECHNOLOGIES LLC	11/23/2011	2013-7018907		11/04/2015	10-1568069
70305-US-PCT	United States Of America	CURABLE COMPOSITIONS CONTAINING ISOCYANATE FUNCTIONAL COMPONENTS HAVING IMPROVED DURABILITY IN THE CURED STATE	DOW GLOBAL TECHNOLOGIES LLC	11/23/2011	13/885279	2013-0233488	03/22/2016	9290607
70347-CN-PCT	China	DUAL CURE ADHESIVE USEFUL FOR BONDING TO GLASS	DOW GLOBAL TECHNOLOGIES LLC	04/25/2012	201280021527.1	103547606	01/20/2016	2012800215271
70347-DE-EPT	Germany	DUAL CURE ADHESIVE USEFUL FOR BONDING TO GLASS	DOW GLOBAL TECHNOLOGIES LLC	04/25/2012	12720052.5	2705065		
70347-EP-EPT	European Procedure (Patents)	DUAL CURE ADHESIVE USEFUL FOR BONDING TO GLASS	DOW GLOBAL TECHNOLOGIES LLC	04/25/2012	12720052.5	2705065	10/03/2018	2705065
70347-FR-EPT	France	DUAL CURE ADHESIVE USEFUL FOR BONDING TO GLASS	DOW GLOBAL TECHNOLOGIES LLC	04/25/2012	12720052.5	2705065		
70347-GB-EPT	United Kingdom	DUAL CURE ADHESIVE USEFUL FOR BONDING TO GLASS	DOW GLOBAL TECHNOLOGIES LLC	04/25/2012	12720052.5	2705065		
70347-IT-EPT	Italy	DUAL CURE ADHESIVE USEFUL FOR BONDING TO GLASS	DOW GLOBAL TECHNOLOGIES LLC	04/25/2012	12720052.5	2705065		
70347-JP-PCT	Japan	DUAL CURE ADHESIVE USEFUL FOR BONDING TO GLASS	DOW GLOBAL TECHNOLOGIES LLC	04/25/2012	2014-509311	2014-517099	09/11/2015	5805854

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PATENT NO.	CLASS.	FILED	INVENTOR	APPL. NO.	FILED DATE	NO. OF CLAIMS	FILED DATE	GRANT NO.	GRANT DATE
70347-KR-PCT	SOUTH KOREA	DUAL CURE ADHESIVE USEFUL FOR BONDING TO GLASS	DOW GLOBAL TECHNOLOGIES LLC		04/25/2012	2013-7029044	2013-0143660	02/19/2016	10-1597888
70347-US-NP	United States Of America	DUAL CURE ADHESIVE USEFUL FOR BONDING TO GLASS	DOW GLOBAL TECHNOLOGIES LLC		04/25/2012	13/455294	2012-0279654	06/02/2015	9045672
70397-DE-EPT	Germany	STORAGE-STABLE HEAT-ACTIVATED TERTIARY AMINE CATALYSTS FOR EPOXY RESINS	DOW GLOBAL TECHNOLOGIES LLC		06/27/2011	11/31202.5	2588554	11/19/2014	60201101546.4
70397-EP-EPD	European Procedure (Patents)	STORAGE-STABLE HEAT-ACTIVATED TERTIARY AMINE CATALYSTS FOR EPOXY RESINS	DOW GLOBAL TECHNOLOGIES LLC		10/01/2014	14187296.0	2840125		
70397-US-PCD	United States Of America	STORAGE-STABLE HEAT-ACTIVATED TERTIARY AMINE CATALYSTS FOR EPOXY RESINS	DOW GLOBAL TECHNOLOGIES LLC		03/03/2015	14/636508	2015-0166857	04/24/2018	9951256
70397-US-PCT	United States Of America	STORAGE-STABLE HEAT-ACTIVATED TERTIARY AMINE CATALYSTS FOR EPOXY RESINS	DOW GLOBAL TECHNOLOGIES LLC		06/27/2011	13/640887	2013-0090431	04/07/2015	9000120
71056-BR-PCT	Brazil	NOVEL STRUCTURAL ADHESIVE AND USE THEREOF	DOW GLOBAL TECHNOLOGIES LLC		05/01/2012	112013026699.0			
71056-CH-EPT	Switzerland	ADHESIVE AND USE THEREOF	TECHNOLOGIES LLC		05/01/2012	12721649.7	2710049	04/05/2017	2710049
71056-CN-PCT	China	NOVEL STRUCTURAL ADHESIVE AND USE THEREOF	TECHNOLOGIES LLC		05/01/2012	201280023502.5	103547610	08/11/2017	201280023502.5
71056-DE-EPT	Germany	NOVEL STRUCTURAL ADHESIVE AND USE THEREOF	TECHNOLOGIES LLC		05/01/2012	12721649.7	2710049	04/05/2017	602012030746.3
71056-EP-EPT	European Procedure (Patents)	NOVEL STRUCTURAL ADHESIVE AND USE THEREOF	DOW GLOBAL TECHNOLOGIES LLC		05/01/2012	12721649.7	2710049	04/05/2017	2710049
71056-JP-PCT	Japan	NOVEL STRUCTURAL ADHESIVE AND USE THEREOF	TECHNOLOGIES LLC		05/01/2012	2014-511381	2014-518922	12/02/2016	6049705
71056-KR-PCT	SOUTH KOREA	NOVEL STRUCTURAL ADHESIVE AND USE THEREOF	DOW GLOBAL TECHNOLOGIES LLC		05/01/2012	2013-7030371	10-2014-0030191		
71277-BR-PCT	Brazil	EPOXY RESIN WITH ENHANCED VISCOSITY STABILITY AND USE THEREOF	DOW GLOBAL TECHNOLOGIES LLC		07/16/2012	112014000231.2			
71277-CH-EPT	Switzerland	EPOXY RESIN WITH ENHANCED VISCOSITY STABILITY AND USE THEREOF	DOW GLOBAL TECHNOLOGIES LLC		07/16/2012	12738356.0	2748223		
71277-CN-PCT	China	EPOXY RESIN WITH ENHANCED VISCOSITY STABILITY AND USE THEREOF	DOW GLOBAL TECHNOLOGIES LLC		07/16/2012	201280040395.7	103732647	08/11/2017	201280040395.7

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PATENT NUMBER	COUNTRY	TITLE	OWNER	PENDING DATE	APP. NUMBER	PIA NUMBER	GRANT DATE	GRANT NUMBER
71277-DE-EPT	Germany	EPOXY RESIN WITH ENHANCED VISCOSITY STABILITY AND USE THEREOF	DOW GLOBAL TECHNOLOGIES LLC	07/16/2012	12738356.0	2748223		
71277-EP-EPT	European Procedure (Patents)	EPOXY RESIN WITH ENHANCED VISCOSITY STABILITY AND USE THEREOF	DOW GLOBAL TECHNOLOGIES LLC	07/16/2012	12738356.0	2748223		
71277-FR-EPT	France	EPOXY RESIN WITH ENHANCED VISCOSITY STABILITY AND USE THEREOF	DOW GLOBAL TECHNOLOGIES LLC	07/16/2012	12738356.0	2748223		
71277-GB-EPT	United Kingdom	EPOXY RESIN WITH ENHANCED VISCOSITY STABILITY AND USE THEREOF	DOW GLOBAL TECHNOLOGIES LLC	07/16/2012	12738356.0	2748223		
71277-IT-EPT	Italy	EPOXY RESIN WITH ENHANCED VISCOSITY STABILITY AND USE THEREOF	DOW GLOBAL TECHNOLOGIES LLC	07/16/2012	12738356.0	2748223		
71277-KR-PCT	SOUTH KOREA	EPOXY RESIN WITH ENHANCED VISCOSITY STABILITY AND USE THEREOF	DOW GLOBAL TECHNOLOGIES LLC	07/16/2012	10-2014-7003749	10-2014-0063600		
71277-US-CNT	United States Of America	EPOXY RESIN WITH ENHANCED VISCOSITY STABILITY AND USE THEREOF	DOW GLOBAL TECHNOLOGIES LLC	10/21/2015	14/918660	2016-0040049	12/12/2017	9840646
71568-AU-PCT	Australia	ADHESIVE USEFUL FOR INSTALLING VEHICLE WINDOWS	DOW GLOBAL TECHNOLOGIES LLC	03/08/2013	2013364399		09/07/2017	2013364399
71568-BR-PCT	Brazil	ADHESIVE USEFUL FOR INSTALLING VEHICLE WINDOWS	DOW GLOBAL TECHNOLOGIES LLC	03/08/2013	112015014986-3			
71568-CH-EPT	Switzerland	ADHESIVE USEFUL FOR INSTALLING VEHICLE WINDOWS	DOW GLOBAL TECHNOLOGIES LLC	03/08/2013	13715788.9	2935385	05/10/2017	2935385
71568-CN-PCT	China	ADHESIVE USEFUL FOR INSTALLING VEHICLE WINDOWS	DOW GLOBAL TECHNOLOGIES LLC	03/08/2013	201380065373.0		11/14/2017	201380065373.0
71568-DE-EPT	Germany	ADHESIVE USEFUL FOR INSTALLING VEHICLE WINDOWS	DOW GLOBAL TECHNOLOGIES LLC	03/08/2013	13715788.9	2935385	05/10/2017	602013020933.2
71568-FR-EPT	France	ADHESIVE USEFUL FOR INSTALLING VEHICLE WINDOWS	DOW GLOBAL TECHNOLOGIES LLC	03/08/2013	13715788.9	2935385	05/10/2017	2935385
71568-GB-EPT	United Kingdom	ADHESIVE USEFUL FOR INSTALLING VEHICLE WINDOWS	DOW GLOBAL TECHNOLOGIES LLC	03/08/2013	13715788.9	2935385	05/10/2017	2935385
71568-IN-PCT	India	ADHESIVE USEFUL FOR INSTALLING VEHICLE WINDOWS	DOW GLOBAL TECHNOLOGIES LLC	03/08/2013	5833/DEL/MP/2015			

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT NUMBER
71568-JP-PCD	Japan	ADHESIVE USEFUL FOR INSTALLING VEHICLE WINDOWS	DOW GLOBAL TECHNOLOGIES LLC	11/24/2017	2017-226019	2018-076509	
71568-JP-PCT	Japan	ADHESIVE USEFUL FOR INSTALLING VEHICLE WINDOWS	DOW GLOBAL TECHNOLOGIES LLC	03/08/2013	2015-549352	2016-508170	
71568-KR-PCT	SOUTH KOREA	ADHESIVE USEFUL FOR INSTALLING VEHICLE WINDOWS	DOW GLOBAL TECHNOLOGIES LLC	03/08/2013	10-2015-7016117		10-1726111
71568-US-PCT	United States Of America	ADHESIVE USEFUL FOR INSTALLING VEHICLE WINDOWS	DOW GLOBAL TECHNOLOGIES LLC	03/08/2013	14/442931	2015-0291863	9475972
71658-CH-EPT	Switzerland	CURABLE COMPOSITIONS CONTAINING ISOCYANATE FUNCTIONAL COMPONENTS HAVING IMPROVED DURABILITY	DOW GLOBAL TECHNOLOGIES LLC	06/07/2012	12727083.3	2782943	12/20/2017 2782943
71658-DE-EPT	Germany	CURABLE COMPOSITIONS CONTAINING ISOCYANATE FUNCTIONAL COMPONENTS HAVING IMPROVED DURABILITY	DOW GLOBAL TECHNOLOGIES LLC	06/07/2012	12727083.3	2782943	12/20/2017 602012041091.4
71658-EP-EPT	European Procedure (Patents)	CURABLE COMPOSITIONS CONTAINING ISOCYANATE FUNCTIONAL COMPONENTS HAVING IMPROVED DURABILITY	DOW GLOBAL TECHNOLOGIES LLC	06/07/2012	12727083.3	2782943	12/20/2017 2782943
71658-FR-EPT	France	CURABLE COMPOSITIONS CONTAINING ISOCYANATE FUNCTIONAL COMPONENTS HAVING IMPROVED DURABILITY	DOW GLOBAL TECHNOLOGIES LLC	06/07/2012	12727083.3	2782943	12/20/2017 2782943
71658-GB-EPT	United Kingdom	CURABLE COMPOSITIONS CONTAINING ISOCYANATE FUNCTIONAL COMPONENTS HAVING IMPROVED DURABILITY	DOW GLOBAL TECHNOLOGIES LLC	06/07/2012	12727083.3	2782943	12/20/2017 2782943
71658-US-PCT	United States Of America	CURABLE COMPOSITIONS CONTAINING ISOCYANATE FUNCTIONAL COMPONENTS HAVING IMPROVED DURABILITY	DOW GLOBAL TECHNOLOGIES LLC	06/07/2012	14/353429	2014-0290855	08/02/2016 9403933

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PATENT NUMBER	COUNTRY	TITLE	OWNER	ISSUANCE DATE	APP. NUMBER	INT. NUMBER	CLASS. NO.	GRANT NUMBER
71919-CH-EPT	Switzerland	WATER BASED PRIMER COMPOSITION FOR BONDING GLASS INTO A STRUCTURE WATER BASED PRIMER	DOW GLOBAL TECHNOLOGIES LLC	01/18/2013	13702165.5	2809737	06/06/2018	2809737
71919-CN-PCT	China	COMPOSITION FOR BONDING GLASS INTO A STRUCTURE WATER BASED PRIMER	DOW GLOBAL TECHNOLOGIES LLC	01/18/2013	201380007208.X	104093798	12/14/2016	201380007208.X
71919-DE-EPT	Germany	WATER BASED PRIMER COMPOSITION FOR BONDING GLASS INTO A STRUCTURE WATER BASED PRIMER	DOW GLOBAL TECHNOLOGIES LLC	01/18/2013	13702165.5	2809737	06/06/2018	2809737
71919-EP-EPT	European Procedure (Patents)	COMPOSITION FOR BONDING GLASS INTO A STRUCTURE WATER BASED PRIMER	DOW GLOBAL TECHNOLOGIES LLC	01/18/2013	13702165.5	2809737	06/06/2018	2809737
71919-FR-EPT	France	COMPOSITION FOR BONDING GLASS INTO A STRUCTURE WATER BASED PRIMER	DOW GLOBAL TECHNOLOGIES LLC	01/18/2013	13702165.5	2809737	06/06/2018	2809737
71919-GB-EPT	United Kingdom	COMPOSITION FOR BONDING GLASS INTO A STRUCTURE WATER BASED PRIMER	DOW GLOBAL TECHNOLOGIES LLC	01/18/2013	13702165.5	2809737	06/06/2018	2809737
71919-JP-PCT	Japan	COMPOSITION FOR BONDING GLASS INTO A STRUCTURE WATER BASED PRIMER	DOW GLOBAL TECHNOLOGIES LLC	01/18/2013	2014-554746	2015-511252	10/13/2017	6224623
71919-KR-PCT	SOUTH KOREA	COMPOSITION FOR BONDING GLASS INTO A STRUCTURE WATER BASED PRIMER	DOW GLOBAL TECHNOLOGIES LLC	01/18/2013	10-2014-7021322	10-2014-0119068		
71919-US-PCT	United States Of America	COMPOSITION FOR BONDING GLASS INTO A STRUCTURE HIGH MODULUS URETHANE ADHESIVE COMPOSITIONS, MANUFACTURE AND USE THEREOF	DOW GLOBAL TECHNOLOGIES LLC	01/18/2013	14/373785	2014-0367029	03/20/2018	9920224
71942-CN-PCT	China	ADHESIVE COMPOSITIONS, MANUFACTURE AND USE THEREOF	DOW GLOBAL TECHNOLOGIES LLC	07/26/2018	201810836763.8			
71942-CN-PCT	China	HIGH MODULUS URETHANE ADHESIVE COMPOSITIONS, MANUFACTURE AND USE THEREOF	DOW GLOBAL TECHNOLOGIES LLC	04/23/2013	201380026734.0	104334598		
71942-EP-EPT	European Procedure (Patents)	HIGH MODULUS URETHANE ADHESIVE COMPOSITIONS, MANUFACTURE AND USE THEREOF	DOW GLOBAL TECHNOLOGIES LLC	04/23/2013	13720679.3	2852626		
71942-IN-PCT	India	HIGH MODULUS URETHANE ADHESIVE COMPOSITIONS, MANUFACTURE AND USE THEREOF	DOW GLOBAL TECHNOLOGIES LLC	04/23/2013	8312/CHE/NP/2014			
71942-JP-PCT	Japan	ADHESIVE COMPOSITIONS, MANUFACTURE AND USE THEREOF	DOW GLOBAL TECHNOLOGIES LLC	04/23/2013	2015-514024	2015-520262	08/25/2017	6196297

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71942-KR-PCT	SOUTH KOREA	HIGH MODULUS URETHANE ADHESIVE COMPOSITIONS, MANUFACTURE AND USE THEREOF	DOW GLOBAL TECHNOLOGIES LLC	04/23/2013	10-2014-7035697	10-2015-0013856		
71942-US-PCT	United States Of America	HIGH MODULUS URETHANE ADHESIVE COMPOSITIONS, MANUFACTURE AND USE THEREOF	DOW GLOBAL TECHNOLOGIES LLC	04/23/2013	14/391180	2015-0080529		
72437-BR-PCT	Brazil	FLAME RETARDANT STRUCTURAL EPOXY RESIN ADHESIVES AND PROCESS FOR BONDING METAL MEMBERS	DOW GLOBAL TECHNOLOGIES LLC	03/22/2013	112014018126-8			
72437-CH-EPT	Switzerland	STRUCTURAL EPOXY RESIN ADHESIVES AND PROCESS FOR BONDING METAL MEMBERS	DOW GLOBAL TECHNOLOGIES LLC	03/22/2013	13714483.8	2828321	04/27/2016	2828321
72437-CN-PCT	China	FLAME RETARDANT STRUCTURAL EPOXY RESIN ADHESIVES AND PROCESS FOR BONDING METAL MEMBERS	DOW GLOBAL TECHNOLOGIES LLC	03/22/2013	201380011788.X	104136516	06/01/2016	201380011788.X
72437-DE-EPT	Germany	FLAME RETARDANT STRUCTURAL EPOXY RESIN ADHESIVES AND PROCESS FOR BONDING METAL MEMBERS	DOW GLOBAL TECHNOLOGIES LLC	03/22/2013	13714483.8	2828321	04/27/2016	602013007040.7
72437-FR-EPT	France	FLAME RETARDANT STRUCTURAL EPOXY RESIN ADHESIVES AND PROCESS FOR BONDING METAL MEMBERS	DOW GLOBAL TECHNOLOGIES LLC	03/22/2013	13714483.8	2828321	04/27/2016	2828321
72437-GB-EPT	United Kingdom	FLAME RETARDANT STRUCTURAL EPOXY RESIN ADHESIVES AND PROCESS FOR BONDING METAL MEMBERS	DOW GLOBAL TECHNOLOGIES LLC	03/22/2013	13714483.8	2828321	04/27/2016	2828321
72437-IT-EPT	Italy	FLAME RETARDANT STRUCTURAL EPOXY RESIN ADHESIVES AND PROCESS FOR BONDING METAL MEMBERS	DOW GLOBAL TECHNOLOGIES LLC	03/22/2013	13714483.8	2828321	04/27/2016	5020160000076190
72437-JP-PCT	Japan	FLAME RETARDANT STRUCTURAL EPOXY RESIN ADHESIVES AND PROCESS FOR BONDING METAL MEMBERS	DOW GLOBAL TECHNOLOGIES LLC	03/22/2013	2015-501925	2015-518065	11/10/2017	6240659
72437-KR-PCT	SOUTH KOREA	FLAME RETARDANT STRUCTURAL EPOXY RESIN ADHESIVES AND PROCESS FOR BONDING METAL MEMBERS	DOW GLOBAL TECHNOLOGIES LLC	03/22/2013	10-2014-7026375	10-2014-0138761		

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		FLAME RETARDANT STRUCTURAL EPOXY RESIN ADHESIVES AND PROCESS FOR BONDING METAL MEMBERS	DOW GLOBAL					
72437-US-PCT	United States Of America	WASH-OFF RESISTANT EPOXY AND USE THEREOF	TECHNOLOGIES LLC	03/22/2013	14/368916	2015-0025176	05/24/2016	9346983
72440-CN-PCT	China	WASH-OFF RESISTANT EPOXY AND USE THEREOF	DOW GLOBAL TECHNOLOGIES LLC	01/17/2013	201380015055.3	104205236	10/24/2017	201380015055.3
72440-EP-EPT	European Procedure (Patents)	WASH-OFF RESISTANT EPOXY AND USE THEREOF	DOW GLOBAL TECHNOLOGIES LLC	01/17/2013	13702157.2	2828860		
72440-JP-PCT	Japan	WASH-OFF RESISTANT EPOXY AND USE THEREOF	DOW GLOBAL TECHNOLOGIES LLC	01/17/2013	2015-501667	2015-514140	02/10/2017	6088635
72440-KR-PCT	SOUTH KOREA	WASH-OFF RESISTANT EPOXY AND USE THEREOF	DOW GLOBAL TECHNOLOGIES LLC	01/17/2013	2014-7025906			
72440-US-PCT	United States Of America	WASH-OFF RESISTANT EPOXY ADHESIVE COMPOSITION AND PRE-GELLED ADHESIVE	DOW GLOBAL TECHNOLOGIES LLC	01/17/2013	14/379563	2015-0037497	05/24/2016	9346984
72506-BR-PCT	Brazil	CRASH-DURABLE ADHESIVE WITH ENHANCED STRESS DURABILITY	DOW GLOBAL TECHNOLOGIES LLC	03/22/2013	112014018129-2			
72506-CN-PCT	China	CRASH-DURABLE ADHESIVE WITH ENHANCED STRESS DURABILITY	DOW GLOBAL TECHNOLOGIES LLC	03/22/2013	201380011835.0	104144959	03/09/2018	201380011835.0
72506-DE-EPT	Germany	CRASH-DURABLE ADHESIVE WITH ENHANCED STRESS DURABILITY	DOW GLOBAL TECHNOLOGIES LLC	03/22/2013	13714482.0	2828308	05/04/2016	602013007279.5
72506-FR-EPT	France	CRASH-DURABLE ADHESIVE WITH ENHANCED STRESS DURABILITY	DOW GLOBAL TECHNOLOGIES LLC	03/22/2013	13714482.0	2828308	05/04/2016	2828308
72506-GB-EPT	United Kingdom	CRASH-DURABLE ADHESIVE WITH ENHANCED STRESS DURABILITY	DOW GLOBAL TECHNOLOGIES LLC	03/22/2013	13714482.0	2828308	05/04/2016	2828308
72506-IT-EPT	Italy	CRASH-DURABLE ADHESIVE WITH ENHANCED STRESS DURABILITY	DOW GLOBAL TECHNOLOGIES LLC	03/22/2013	13714482.0	2828308	05/04/2016	502016000076524
72506-JP-PCT	Japan	CRASH-DURABLE ADHESIVE WITH ENHANCED STRESS DURABILITY	DOW GLOBAL TECHNOLOGIES LLC	03/22/2013	2015-501924	2015-517001	07/14/2017	6173424
72506-KR-PCT	SOUTH KOREA	CRASH-DURABLE ADHESIVE WITH ENHANCED STRESS DURABILITY	DOW GLOBAL TECHNOLOGIES LLC	03/22/2013	10-2014-7026370	10-2014-0138760		
72506-US-PCT	United States Of America	CRASH-DURABLE ADHESIVE WITH ENHANCED STRESS DURABILITY	DOW GLOBAL TECHNOLOGIES LLC	03/22/2013	14/368910	2015-0001281	12/12/2017	9840070

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72755-CH-EPT	Switzerland	CURABLE COMPOSITIONS CONTAINING ISOCYANATE FUNCTIONAL COMPONENTS HAVING IMPROVED DURABILITY	DOW GLOBAL TECHNOLOGIES LLC	02/21/2013	13708000.8	2872584	09/07/2016	2872584
72755-DE-EPT	Germany	CURABLE COMPOSITIONS CONTAINING ISOCYANATE FUNCTIONAL COMPONENTS HAVING IMPROVED DURABILITY	DOW GLOBAL TECHNOLOGIES LLC	02/21/2013	13708000.8	2872584	09/07/2016	602013011087.5
72755-FR-EPT	France	CURABLE COMPOSITIONS CONTAINING ISOCYANATE FUNCTIONAL COMPONENTS HAVING IMPROVED DURABILITY	DOW GLOBAL TECHNOLOGIES LLC	02/21/2013	13708000.8	2872584	09/07/2016	2872584
72755-US-PCT	United States Of America	CURABLE COMPOSITIONS CONTAINING ISOCYANATE FUNCTIONAL COMPONENTS HAVING IMPROVED DURABILITY	DOW GLOBAL TECHNOLOGIES LLC	02/21/2013	14/409799	2015-0175860	11/22/2016	9499727
72770-BR-PCT	Brazil	ACCELERATED AND TOUGHENED TWO PART EPOXY ADHESIVES	DOW GLOBAL TECHNOLOGIES LLC	08/13/2013	112014032019-5			
72770-CN-PCT	China	ACCELERATED AND TOUGHENED TWO PART EPOXY ADHESIVES	DOW GLOBAL TECHNOLOGIES LLC	08/13/2013	201380044928.3	104603224	10/13/2017	2013800449283
72770-EP-EPT	European Procedure (Patents)	ACCELERATED AND TOUGHENED TWO PART EPOXY ADHESIVES	DOW GLOBAL TECHNOLOGIES LLC	08/13/2013	13750484.1	2888331		
72770-IN-PCT	India	ACCELERATED AND TOUGHENED TWO PART EPOXY ADHESIVES	DOW GLOBAL TECHNOLOGIES LLC	08/13/2013	1069/CHENP/2015			
72770-JP-PCT	Japan	ACCELERATED AND TOUGHENED TWO PART EPOXY ADHESIVES	DOW GLOBAL TECHNOLOGIES LLC	08/13/2013	2015-529837	2015-533875	03/23/2018	6309524
72816-US-PCT	United States Of America	ULTRAFAST DUAL CURE ADHESIVE USEFUL FOR BONDING TO GLASS	DOW GLOBAL TECHNOLOGIES LLC	03/13/2013	14/437285	2015-0267093	08/16/2016	9416301
73414-EP-EPT	European Procedure (Patents)	ADHESIVE TO FIBER REINFORCED PLASTICS	DOW GLOBAL TECHNOLOGIES LLC	02/11/2013	13705698.2	2904039		
73414-US-PCD	United States Of America	ADHESIVE TO FIBER REINFORCED PLASTICS	DOW GLOBAL TECHNOLOGIES LLC	05/31/2017	15/609447	2017-0274634		

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		ACCELERATED BONDING OF ISOCYANATE FUNCTIONAL ADHESIVE TO FIBER REINFORCED PLASTICS	DOW GLOBAL TECHNOLOGIES LLC	02/11/2013	14/430614	2015-0225617	07/04/2017	9694565
73414-US-PCT	United States Of America	FAST CURING ADHESIVE USEFUL FOR BONDING TO GLASS	DOW GLOBAL TECHNOLOGIES LLC	03/04/2013	201380064095.7	104968698	03/13/2018	201380064095.7
73692-CN-PCT	China	FAST CURING ADHESIVE USEFUL FOR BONDING TO GLASS	DOW GLOBAL TECHNOLOGIES LLC	03/04/2013	13709700.2	2935384		
73692-EP-EPT	European Procedure (Patents)	FAST CURING ADHESIVE USEFUL FOR BONDING TO GLASS	DOW GLOBAL TECHNOLOGIES LLC	03/04/2013	2015-7013204		05/04/2017	10-1735226
73692-JP-PCT	Japan	FAST CURING ADHESIVE USEFUL FOR BONDING TO GLASS	DOW GLOBAL TECHNOLOGIES LLC	03/04/2013	2015-549350	2016-508169	07/21/2017	6178865
73692-KR-PCT	SOUTH KOREA	FAST CURING ADHESIVE USEFUL FOR BONDING TO GLASS	DOW GLOBAL TECHNOLOGIES LLC	03/04/2013	2015-7013204		05/04/2017	10-1735226
73692-US-PCD	United States Of America	FAST CURING ADHESIVE USEFUL FOR BONDING TO GLASS	DOW GLOBAL TECHNOLOGIES LLC	07/22/2016	15/217101	2016-0333237	11/21/2017	9822290
73692-US-PCT	United States Of America	FAST CURING ADHESIVE USEFUL FOR BONDING TO GLASS	DOW GLOBAL TECHNOLOGIES LLC	03/04/2013	14/435311	2015-0232723	08/30/2016	9428678
73693-CN-PCT	China	TWO PART MOLDED PART USEFUL AS A MIXER FOR VISCOUS CURABLE MATERIALS	DOW GLOBAL TECHNOLOGIES LLC	03/14/2013	201380074120.X	105026025	11/21/2017	201380074120.X
73693-DE-PCT	Germany	TWO PART MOLDED PART USEFUL AS A MIXER FOR VISCOUS CURABLE MATERIALS	DOW GLOBAL TECHNOLOGIES LLC	03/14/2013	112013006808.7			
73693-US-PCD	United States Of America	TWO PART MOLDED PART USEFUL AS A MIXER FOR VISCOUS CURABLE MATERIALS	DOW GLOBAL TECHNOLOGIES LLC	04/27/2017	15/498816	2017-0225133		
73693-US-PCT	United States Of America	TWO PART MOLDED PART USEFUL AS A MIXER FOR VISCOUS CURABLE MATERIALS	DOW GLOBAL TECHNOLOGIES LLC	03/14/2013	14/765385	2016-0008774	06/13/2017	9675943
74249-US-NP	United States Of America	PREPOLYMERS, METHOD FOR MAKING THEM AND ADHESIVE COMPOSITIONS MADE THEREFROM	DOW GLOBAL TECHNOLOGIES LLC	08/25/2014	14/467746	2015-0068661	09/19/2017	9765247
74250-CN-PCT	China	RAPID DRIVE AWAY TIME ADHESIVE FOR INSTALLING VEHICLE WINDOWS	DOW GLOBAL TECHNOLOGIES LLC	04/21/2014	201480023985.8	105164174		

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74250-EP-EPT	European Procedure (Patents)	RAPID DRIVE AWAY TIME ADHESIVE FOR INSTALLING VEHICLE WINDOWS	DOW GLOBAL TECHNOLOGIES LLC	04/21/2014	14725884.2	2992026	
74250-US-PCT	United States Of America	RAPID DRIVE AWAY TIME ADHESIVE FOR INSTALLING VEHICLE WINDOWS	DOW GLOBAL TECHNOLOGIES LLC	04/21/2014	14/781414	2016-0046848	
74305-DE-EPT	Germany	ADHESIVE COMPOSITIONS, MANUFACTURE AND USE THEREOF	DOW GLOBAL TECHNOLOGIES LLC	04/07/2014	14724595.5	2986685	602014012845.9
74305-EP-EPT	European Procedure (Patents)	ADHESIVE COMPOSITIONS, MANUFACTURE AND USE THEREOF	DOW GLOBAL TECHNOLOGIES LLC	04/07/2014	14724595.5	2986685	2986685
74305-US-PCT	United States Of America	ADHESIVE COMPOSITIONS, MANUFACTURE AND USE THEREOF	DOW GLOBAL TECHNOLOGIES LLC	04/07/2014	14/781349	2017-0081571	
74704-CN-PCT	China	STRUCTURAL PU ADHESIVE FOR COMPOSITE BONDING	DOW GLOBAL TECHNOLOGIES LLC	07/24/2014	201480040246.X	105377936	201480040246.X
74704-EP-EPT	European Procedure (Patents)	STRUCTURAL PU ADHESIVE FOR COMPOSITE BONDING	DOW GLOBAL TECHNOLOGIES LLC	07/24/2014	14750277.7	3027669	
74704-WO-PCT	International Procedure	STRUCTURAL PU ADHESIVE FOR COMPOSITE BONDING	DOW GLOBAL TECHNOLOGIES LLC	07/24/2014	PCT/US14/048000	WO/2015/017244	
74855-CN-PCT	China	IMPROVED POLYURETHANE PREPOLYMERS HAVING LITTLE OR NO PLASTICIZER AND THEIR USE IN VEHICULAR GLASS	DOW GLOBAL TECHNOLOGIES LLC	11/24/2014	201480064064.6	105764949	
74855-EP-EPT	European Procedure (Patents)	IMPROVED POLYURETHANE PREPOLYMERS HAVING LITTLE OR NO PLASTICIZER AND THEIR USE IN VEHICULAR GLASS	DOW GLOBAL TECHNOLOGIES LLC	11/24/2014	14812093.4	3080185	
74855-US-PCT	United States Of America	IMPROVED POLYURETHANE PREPOLYMERS HAVING LITTLE OR NO PLASTICIZER AND THEIR USE IN VEHICULAR GLASS	DOW GLOBAL TECHNOLOGIES LLC	11/24/2014	15/022941	2016-0297918	01/16/2018 9868810
74896-CN-PCT	China	ADHESIVE SYSTEM ACTIVATOR COMPOSITION, ADHESIVE SYSTEM COMPRISING THE SAME, AND METHOD OF BONDING SUSTRALES USING THE SAME	DOW GLOBAL TECHNOLOGIES LLC	09/11/2014	201480048273.1	105518045	
74896-EP-EPT	European Procedure (Patents)	ADHESIVE SYSTEM ACTIVATOR COMPOSITION, ADHESIVE SYSTEM COMPRISING THE SAME, AND METHOD OF BONDING SUSTRALES USING THE SAME	DOW GLOBAL TECHNOLOGIES LLC	09/11/2014	14772039.5	3046945	

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		ACTIVATOR COMPOSITION, ADHESIVE SYSTEM COMPRISING THE SAME, AND METHOD OF BONDING SISTRATES USING THE SAME ACTIVATOR COMPOSITION, ADHESIVE SYSTEM COMPRISING THE SAME, AND METHOD OF BONDING SISTRATES USING THE SAME						
74896-KR-PCT	SOUTH KOREA		DOW GLOBAL TECHNOLOGIES LLC	09/11/2014	10-2016-7008794		10-2016-0058827	
74896-US-PCT	United States Of America		DOW GLOBAL TECHNOLOGIES LLC	09/11/2014	14/910077		2016-0194435	08/07/2018 10040895
75476-US-PCT	United States Of America	EPOXY TWO-PART FORMULATIONS	DOW GLOBAL TECHNOLOGIES LLC	03/24/2015	15/111976		2018-0163100	
75477-BR-PCT	Brazil	DELAYED CURING HIGH Tg CRASH DURABLE ADHESIVE	DOW GLOBAL TECHNOLOGIES LLC	06/30/2015	112017000219-1			
75477-CN-PCT	China	DELAYED CURING HIGH Tg CRASH DURABLE ADHESIVE	DOW GLOBAL TECHNOLOGIES LLC	06/30/2015	201580035818.X		106715577	
75477-EP-EPT	European Procedure (Patents)	DELAYED CURING HIGH Tg CRASH DURABLE ADHESIVE	DOW GLOBAL TECHNOLOGIES LLC	06/30/2015	15744754.1		3167004	
75477-US-PCT	United States Of America	DELAYED CURING HIGH Tg CRASH DURABLE ADHESIVE	DOW GLOBAL TECHNOLOGIES LLC	06/30/2015	15/314209		2017-0107408	
75478-BR-PCT	Brazil	HAVING IMPROVED WASH-OFF RESISTANCE AND METHOD FOR DISPENSING SAME	DOW GLOBAL TECHNOLOGIES LLC	07/14/2015	112017000856-4			
75478-CN-PCT	China	STRUCTURAL ADHESIVES HAVING IMPROVED WASH-OFF RESISTANCE AND METHOD FOR DISPENSING SAME	DOW GLOBAL TECHNOLOGIES LLC	07/14/2015	201580038491.1		106661190	
75478-EP-EPT	European Procedure (Patents)	STRUCTURAL ADHESIVES HAVING IMPROVED WASH-OFF RESISTANCE AND METHOD FOR DISPENSING SAME	DOW GLOBAL TECHNOLOGIES LLC	07/14/2015	15750850.8		3172289	
75478-JP-PCT	Japan	STRUCTURAL ADHESIVES HAVING IMPROVED WASH-OFF RESISTANCE AND METHOD FOR DISPENSING SAME	DOW GLOBAL TECHNOLOGIES LLC	07/14/2015	2017-503908		2017-529417	
75478-KR-PCT	SOUTH KOREA	STRUCTURAL ADHESIVES HAVING IMPROVED WASH-OFF RESISTANCE AND METHOD FOR DISPENSING SAME	DOW GLOBAL TECHNOLOGIES LLC	07/14/2015	10-2017-7003610		10-2017-0036695	
75478-US-PCT	United States Of America	STRUCTURAL ADHESIVES HAVING IMPROVED WASH-OFF RESISTANCE AND METHOD FOR DISPENSING SAME	DOW GLOBAL TECHNOLOGIES LLC	07/14/2015	15/312800		2017-0204301	
75479-DE-EPT	Germany	POLYURETHANE-ACRYLATE EPOXY ADHESIVE	DOW GLOBAL TECHNOLOGIES LLC					

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75479-EP-EPT	European Procedure (Patents)	POLYURETHANE-ACRYLATE EPOXY ADHESIVE	DOW GLOBAL TECHNOLOGIES LLC	03/31/2015	15716661.2		3134448	
75479-FR-EPT	France	POLYURETHANE-ACRYLATE EPOXY ADHESIVE	DOW GLOBAL TECHNOLOGIES LLC					
75479-GB-EPT	United Kingdom	POLYURETHANE-ACRYLATE EPOXY ADHESIVE	DOW GLOBAL TECHNOLOGIES LLC					
75479-IT-EPT	Italy	POLYURETHANE-ACRYLATE EPOXY ADHESIVE	DOW GLOBAL TECHNOLOGIES LLC					
75479-US-PCT	United States Of America	POLYURETHANE-ACRYLATE EPOXY ADHESIVE ACCELERATE CURE OF	DOW GLOBAL TECHNOLOGIES LLC	03/31/2015	15/121663	2017-0029673	09/04/2018	10066136
75697-CN-PCT	China	MOISTURE CURABLE POLYURETHANE ADHESIVE COMPOSITIONS USEFUL FOR BONDING GLASS	DOW GLOBAL TECHNOLOGIES LLC	04/22/2015	201580021258.2		106257984	
75697-EP-EPT	European Procedure (Patents)	ACCELERATE CURE OF MOISTURE CURABLE POLYURETHANE ADHESIVE COMPOSITIONS USEFUL FOR BONDING GLASS ACCELERATE CURE OF	DOW GLOBAL TECHNOLOGIES LLC	04/22/2015	15719957.1		3140335	
75697-JP-PCT	Japan	MOISTURE CURABLE POLYURETHANE ADHESIVE COMPOSITIONS USEFUL FOR BONDING GLASS	DOW GLOBAL TECHNOLOGIES LLC	04/22/2015	2016-563994		2017-521502	
75697-KR-PCT	SOUTH KOREA	ACCELERATE CURE OF MOISTURE CURABLE POLYURETHANE ADHESIVE COMPOSITIONS USEFUL FOR BONDING GLASS ACCELERATE CURE OF	DOW GLOBAL TECHNOLOGIES LLC	04/22/2015	2016-7032908	10-2017-0005426		
75697-US-PCT	United States Of America	MOISTURE CURABLE POLYURETHANE ADHESIVE COMPOSITIONS USEFUL FOR BONDING GLASS	DOW GLOBAL TECHNOLOGIES LLC	04/22/2015	15/116323	2017-0174959		
75737-CN-PCT	China	IMPROVED METHOD AND APPARATUS FOR DISPENSING REACTIVE TWO-PART SYSTEMS	DOW GLOBAL TECHNOLOGIES LLC	03/26/2015	201580017127.7		106163931	
75737-EP-EPT	European Procedure (Patents)	IMPROVED METHOD AND APPARATUS FOR DISPENSING REACTIVE TWO-PART SYSTEMS	DOW GLOBAL TECHNOLOGIES LLC	03/26/2015	15715935.1	3129296	07/18/2018	3129296

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75737-IN-PCT	India	IMPROVED METHOD AND APPARATUS FOR DISPENSING REACTIVE TWO-PART SYSTEMS	DOW GLOBAL TECHNOLOGIES LLC	03/26/2015	201617036402		
75737-JP-PCT	Japan	IMPROVED METHOD AND APPARATUS FOR DISPENSING REACTIVE TWO-PART SYSTEMS	DOW GLOBAL TECHNOLOGIES LLC	03/26/2015	2016-559336	2017-512726	
75737-KR-PCT	SOUTH KOREA	IMPROVED METHOD AND APPARATUS FOR DISPENSING REACTIVE TWO-PART SYSTEMS	DOW GLOBAL TECHNOLOGIES LLC	03/26/2015	10-2016-7030068	10-2016-0145629	
75737-US-PCT	United States Of America	IMPROVED METHOD AND APPARATUS FOR DISPENSING REACTIVE TWO-PART SYSTEMS	DOW GLOBAL TECHNOLOGIES LLC	03/26/2015	15/113923	2017-0015052	11/21/2017 9821512
75929-US-NP	United States Of America	IMPROVED SILYL TERMINATED PREPOLYMERS METHOD FOR MAKING THEM AND ADHESIVE COMPOSITIONS MADE THEREFROM	DOW GLOBAL TECHNOLOGIES LLC	08/26/2015	14/835761	2016-0060382	03/20/2018 9920199
75930-CN-PCT	China	IMPROVED ONE PART MOISTURE CURABLE ADHESIVES	DOW GLOBAL TECHNOLOGIES LLC	06/22/2016	201680033051.1	107690464	
75930-EP-EPT	European Procedure (Patents)	IMPROVED ONE PART MOISTURE CURABLE ADHESIVES	DOW GLOBAL TECHNOLOGIES LLC	06/22/2016	16733846.6	3313921	
75930-US-PCT	United States Of America	ONE PART MOISTURE CURABLE ADHESIVES	DOW GLOBAL TECHNOLOGIES LLC	06/22/2016	15/579343	2018-0134932	
75930-WO-PCT	International Procedure	IMPROVED ONE PART MOISTURE CURABLE ADHESIVES	DOW GLOBAL TECHNOLOGIES LLC	06/22/2016	PCT/US16/038634	WO/2016/209873	
75968-BR-PCT	Brazil	EPOXY RESIN COMPOSITIONS FOR PRE-GEL OVENS	TECHNOLOGIES LLC	03/19/2015	112016023112-0		
75968-CN-PCT	China	EPOXY RESIN COMPOSITIONS FOR PRE-GEL OVENS	DOW GLOBAL TECHNOLOGIES LLC	03/19/2015	201580017920.7	106170525	
75968-EP-EPT	European Procedure (Patents)	EPOXY RESIN COMPOSITIONS FOR PRE-GEL OVENS	DOW GLOBAL TECHNOLOGIES LLC	03/19/2015	15714131.8	3131996	
75968-JP-PCT	Japan	EPOXY RESIN COMPOSITIONS FOR PRE-GEL OVENS	TECHNOLOGIES LLC	03/19/2015	2016-560544	2017-518391	
75968-KR-PCT	SOUTH KOREA	EPOXY RESIN COMPOSITIONS FOR PRE-GEL OVENS	TECHNOLOGIES LLC	03/19/2015	10-2016-7030555	10-2016-0147786	
75968-US-PCT	United States Of America	EPOXY RESIN COMPOSITIONS FOR PRE-GEL OVENS	DOW GLOBAL TECHNOLOGIES LLC	03/19/2015	15/121090	20170022402	

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT NUMBER
76048-BR-PCT	Brazil	DUAL CURE 1K PU ADHESIVE FORMULATIONS USING MATRIX ENCAPSULATED POLYAMINES	DOW GLOBAL TECHNOLOGIES LLC	07/29/2015	112017001482-3		
76048-CH-EPT	Switzerland	DUAL CURE 1K PU ADHESIVE FORMULATIONS USING MATRIX ENCAPSULATED POLYAMINES	DOW GLOBAL TECHNOLOGIES LLC	07/29/2015	15750202.2	3186289	
76048-CN-PCT	China	DUAL CURE 1K PU ADHESIVE FORMULATIONS USING MATRIX ENCAPSULATED POLYAMINES	DOW GLOBAL TECHNOLOGIES LLC	07/29/2015	201580040911.X	106661414	
76048-DE-EPT	Germany	DUAL CURE 1K PU ADHESIVE FORMULATIONS USING MATRIX ENCAPSULATED POLYAMINES	DOW GLOBAL TECHNOLOGIES LLC	07/29/2015	15750202.2	3186289	
76048-EP-EPT	European Procedure (Patents)	DUAL CURE 1K PU ADHESIVE FORMULATIONS USING MATRIX ENCAPSULATED POLYAMINES	DOW GLOBAL TECHNOLOGIES LLC	07/29/2015	15750202.2	3186289	
76048-FR-EPT	France	DUAL CURE 1K PU ADHESIVE FORMULATIONS USING MATRIX ENCAPSULATED POLYAMINES	DOW GLOBAL TECHNOLOGIES LLC	07/29/2015	15750202.2	3186289	
76048-IT-EPT	Italy	DUAL CURE 1K PU ADHESIVE FORMULATIONS USING MATRIX ENCAPSULATED POLYAMINES	DOW GLOBAL TECHNOLOGIES LLC	07/29/2015	15750202.2	3186289	
76048-JP-PCT	Japan	DUAL CURE 1K PU ADHESIVE FORMULATIONS USING MATRIX ENCAPSULATED POLYAMINES	DOW GLOBAL TECHNOLOGIES LLC	07/29/2015	2017-504732	2017-528557	
76048-KR-PCT	SOUTH KOREA	DUAL CURE 1K PU ADHESIVE FORMULATIONS USING MATRIX ENCAPSULATED POLYAMINES	DOW GLOBAL TECHNOLOGIES LLC	07/29/2015	10-2017-7004143	10-2017-0039679	
76048-US-PCT	United States Of America	DUAL CURE 1K PU ADHESIVE FORMULATIONS USING MATRIX ENCAPSULATED POLYAMINES ONE-COMPONENT STRUCTURAL ADHESIVE CONTAINING ISOCYANATE- TERMINATED PREPOLYMER	DOW GLOBAL TECHNOLOGIES LLC	07/29/2015	15/324360	2017-0204300	
76051-BR-PCT	Brazil	TERMINATED PREPOLYMER	DOW GLOBAL TECHNOLOGIES LLC	07/14/2015	112017000946-3		

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
76051-CN-PCT	China	ONE-COMPONENT STRUCTURAL ADHESIVE CONTAINING ISOCYANATE- TERMINATED PREPOLYMER ONE-COMPONENT	DOW GLOBAL TECHNOLOGIES LLC	07/14/2015	201580039174.1		106536586	
76051-EP-EPT	European Procedure (Patents)	STRUCTURAL ADHESIVE CONTAINING ISOCYANATE- TERMINATED PREPOLYMER ONE-COMPONENT	DOW GLOBAL TECHNOLOGIES LLC	07/14/2015	15742483.9		3172254	
76051-JP-PCT	Japan	STRUCTURAL ADHESIVE CONTAINING ISOCYANATE- TERMINATED PREPOLYMER ONE-COMPONENT	DOW GLOBAL TECHNOLOGIES LLC	07/14/2015	2017-503526		2017-528553	
76051-KR-PCT	SOUTH KOREA	STRUCTURAL ADHESIVE CONTAINING ISOCYANATE- TERMINATED PREPOLYMER ONE-COMPONENT	DOW GLOBAL TECHNOLOGIES LLC	07/14/2015	10-2017-7003458		10-2017-0039186	
76051-US-PCT	United States Of America	STRUCTURAL ADHESIVE CONTAINING ISOCYANATE- TERMINATED PREPOLYMER CRASH DURABLE EPOXY	DOW GLOBAL TECHNOLOGIES LLC	07/14/2015	15/314148		2017-0130107	
76258-CN-PCT	China	ADHESIVE COMPOSITIONS HAVING IMPROVED LOW- TEMPERATURE IMPACT RESISTANCE AND WASH OFF RESISTANCE	DOW GLOBAL TECHNOLOGIES LLC	08/13/2015	201580069173.1		107001897	
76258-EP-EPT	European Procedure (Patents)	CRASH DURABLE EPOXY ADHESIVE COMPOSITIONS HAVING IMPROVED LOW- TEMPERATURE IMPACT RESISTANCE AND WASH OFF RESISTANCE	DOW GLOBAL TECHNOLOGIES LLC	08/13/2015	15754083.2		3240830	
76258-US-PCT	United States Of America	ADHESIVE COMPOSITIONS HAVING IMPROVED LOW- TEMPERATURE IMPACT RESISTANCE AND WASH OFF RESISTANCE	DOW GLOBAL TECHNOLOGIES LLC	08/13/2015	15/509877		2017-0292049	
76595-BR-PCT	Brazil	REACTIVE POLYURETHANE PLASTICIZERS AND ADHESIVES MADE THEREFROM	DOW GLOBAL TECHNOLOGIES LLC	05/03/2016	112017023097-6			
76595-CN-PCT	China	REACTIVE POLYURETHANE PLASTICIZERS AND ADHESIVES MADE THEREFROM	DOW GLOBAL TECHNOLOGIES LLC	05/03/2016	201680025347.9		107849309	

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PATENT NUMBER	INVENTOR	TITLE	OWNER	ISSUANCE DATE	APP. NUMBER	PRI. NUMBER	GRANT NUMBER
76595-EP-EPT	European Procedure (Patents)	REACTIVE POLYURETHANE PLASTICIZERS AND ADHESIVES MADE THEREFROM	DOW GLOBAL TECHNOLOGIES LLC	05/03/2016	16721053.3		
76595-US-PCT	United States Of America	REACTIVE POLYURETHANE PLASTICIZERS AND ADHESIVES MADE THEREFROM	DOW GLOBAL TECHNOLOGIES LLC	05/03/2016	15/556012		2018-0051122
76595-WO-PCT	International Procedure	REACTIVE POLYURETHANE PLASTICIZERS AND ADHESIVES MADE THEREFROM	DOW GLOBAL TECHNOLOGIES LLC	05/03/2016	PCT/US16/030494		WO/2016/179131
76661-BR-PCT	Brazil	LOW TEMPERATURE CURABLE ADHESIVES AND USE THEREOF	DOW GLOBAL TECHNOLOGIES LLC	02/08/2016	112017015236-3		
76661-US-PCT	United States Of America	LOW TEMPERATURE CURABLE ADHESIVES AND USE THEREOF	DOW GLOBAL TECHNOLOGIES LLC	02/08/2016	15/531820		2017-0349795
76661-WO-PCT	International Procedure	LOW TEMPERATURE CURABLE ADHESIVES AND USE THEREOF	DOW GLOBAL TECHNOLOGIES LLC	02/08/2016	PCT/US16/016947		WO/2016/130455
76662-BR-PCT	Brazil	ADHESIVE COMPOSITION WITH GLASS SPHERES	DOW GLOBAL TECHNOLOGIES LLC	11/03/2015	112017008933-5		
76662-CN-PCT	China	ADHESIVE COMPOSITION WITH GLASS SPHERES	TECHNOLOGIES LLC	11/03/2015	201580056749.0		107075328
76662-EP-EPT	European Procedure (Patents)	ADHESIVE COMPOSITION WITH GLASS SPHERES	DOW GLOBAL TECHNOLOGIES LLC	11/03/2015	15794028.9		3218433
76662-JP-PCT	Japan	ADHESIVE COMPOSITION WITH GLASS SPHERES	TECHNOLOGIES LLC	11/03/2015	2017-522113		2017-537180
76662-KR-PCT	SOUTH KOREA United States Of America	ADHESIVE COMPOSITION WITH GLASS SPHERES	DOW GLOBAL TECHNOLOGIES LLC	11/03/2015	10-2017-7013580		10-2017-0084103
76662-US-PCT	ADHESIVE COMPOSITION WITH GLASS SPHERES	TECHNOLOGIES LLC	11/03/2015	15/325237		2017-0240778	10047250
77137-BR-PCT	Brazil	BLOCKED POLYURETHANE TOUGHENERS FOR EPOXY ADHESIVES	DOW GLOBAL TECHNOLOGIES LLC	05/31/2016	112017024945-6		
77137-CN-PCT	China	BLOCKED POLYURETHANE TOUGHENERS FOR EPOXY ADHESIVES	DOW GLOBAL TECHNOLOGIES LLC	05/31/2016	201680029849.9		107646043
77137-EP-EPT	European Procedure (Patents)	BLOCKED POLYURETHANE TOUGHENERS FOR EPOXY ADHESIVES	DOW GLOBAL TECHNOLOGIES LLC	05/31/2016	16728201.1		3303432
77137-JP-PCT	Japan	BLOCKED POLYURETHANE TOUGHENERS FOR EPOXY ADHESIVES	DOW GLOBAL TECHNOLOGIES LLC	05/31/2016	2017-560658		2018-522963

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PUB. NUMBER	GRANT NUMBER
77137-KR-PCT	SOUTH KOREA	BLOCKED POLYURETHANE TOUGHENERS FOR EPOXY ADHESIVES	DOW GLOBAL TECHNOLOGIES LLC	05/31/2016	2017-7036372	10-2018-0022673	
77137-US-PCT	United States Of America	BLOCKED POLYURETHANE TOUGHENERS FOR EPOXY ADHESIVES	DOW GLOBAL TECHNOLOGIES LLC	05/31/2016	2018-0163104		
77137-WO-PCT	International Procedure	BLOCKED POLYURETHANE TOUGHENERS FOR EPOXY ADHESIVES	DOW GLOBAL TECHNOLOGIES LLC	05/31/2016	PCT/US16034988	WO/2016/196448	
77139-BR-PCT	Brazil	LATENT TWO-PART POLYURETHANE ADHESIVES	DOW GLOBAL TECHNOLOGIES LLC	06/14/2016	112017025886-2		
77139-CN-PCT	China	LATENT TWO-PART POLYURETHANE ADHESIVES	DOW GLOBAL TECHNOLOGIES LLC	06/14/2016	201680033341.6	107709394	
77139-EP-EPT	European Procedure (Patents)	LATENT TWO-PART POLYURETHANE ADHESIVES	DOW GLOBAL TECHNOLOGIES LLC	06/14/2016	16741407.7	3310869	
77139-JP-PCT	Japan	LATENT TWO-PART POLYURETHANE ADHESIVES	DOW GLOBAL TECHNOLOGIES LLC	06/14/2016	2017-563974	2018-522098	
77139-KR-PCT	SOUTH KOREA	LATENT TWO-PART POLYURETHANE ADHESIVES	DOW GLOBAL TECHNOLOGIES LLC	06/14/2016	10-2018-7000285	10-2018-0019150	
77139-US-PCT	United States Of America	LATENT TWO-PART POLYURETHANE ADHESIVES	DOW GLOBAL TECHNOLOGIES LLC	06/14/2016	151579744	2018-0179426	
77139-WO-PCT	International Procedure	LATENT TWO-PART POLYURETHANE ADHESIVES	DOW GLOBAL TECHNOLOGIES LLC	06/14/2016	PCT/US16037449	WO/2016/205254	
77140-BR-PCT	Brazil	TWO-PART POLYURETHANE ADHESIVES MADE USING ISOCYANATE-TERMINATED QUASI-PREPOLYMERS BASED ON POLY(BUTYLENE OXIDE)	DOW GLOBAL TECHNOLOGIES LLC	06/02/2016	112017025330-5		
77140-CN-PCT	China	TWO-PART POLYURETHANE ADHESIVES MADE USING ISOCYANATE-TERMINATED QUASI-PREPOLYMERS BASED ON POLY(BUTYLENE OXIDE)	DOW GLOBAL TECHNOLOGIES LLC	06/02/2016	201680029927.5	107660218	
77140-EP-EPT	European Procedure (Patents)	QUASI-PREPOLYMERS BASED ON POLY(BUTYLENE OXIDE) TWO-PART POLYURETHANE ADHESIVES MADE USING ISOCYANATE-TERMINATED	DOW GLOBAL TECHNOLOGIES LLC	06/02/2016	16730145.6	3310825	
77140-JP-PCT	Japan	ISOCYANATE-TERMINATED QUASI-PREPOLYMERS BASED ON POLY(BUTYLENE OXIDE)	DOW GLOBAL TECHNOLOGIES LLC	06/02/2016	2017-563063	2018-524429	

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77140-KR-PCT	SOUTH KOREA	TWO-PART POLYURETHANE ADHESIVES MADE USING ISOCYANATE-TERMINATED QUASI-PREPOLYMERS BASED ON POLY(BUTYLENE OXIDE) TWO-PART POLYURETHANE ADHESIVES MADE USING ISOCYANATE-TERMINATED QUASI-PREPOLYMERS BASED ON POLY(BUTYLENE OXIDE) TWO-PART POLYURETHANE ADHESIVES MADE USING ISOCYANATE-TERMINATED QUASI-PREPOLYMERS BASED ON POLY(BUTYLENE OXIDE)	DOW GLOBAL TECHNOLOGIES LLC	06/02/2016	10-2018-7000286	10-2018-0019644	
77140-US-PCT	United States Of America	TWO-PART POLYURETHANE ADHESIVES MADE USING ISOCYANATE-TERMINATED QUASI-PREPOLYMERS BASED ON POLY(BUTYLENE OXIDE)	DOW GLOBAL TECHNOLOGIES LLC	06/02/2016	15/735175	2018-0155590	
77140-MO-PCT	International Procedure	TWO-PART POLYURETHANE ADHESIVES MADE USING ISOCYANATE-TERMINATED QUASI-PREPOLYMERS BASED ON POLY(BUTYLENE OXIDE)	DOW GLOBAL TECHNOLOGIES LLC	06/02/2016	PCT/US16/035564		
77567-BR-PCT	Brazil	METHOD FOR MAKING ELECTRORHEOLOGICAL FLUIDS	DOW GLOBAL TECHNOLOGIES LLC	06/02/2016	112017025214-7		
77567-CN-PCT	China	METHOD FOR MAKING ELECTRORHEOLOGICAL FLUIDS	DOW GLOBAL TECHNOLOGIES LLC	06/02/2016	201680029644.0	107667125	
77567-EP-PCT	European Procedure (Patents)	METHOD FOR MAKING ELECTRORHEOLOGICAL FLUIDS	DOW GLOBAL TECHNOLOGIES LLC	06/02/2016	16732801.2	3310886	
77567-IN-PCT	India	METHOD FOR MAKING ELECTRORHEOLOGICAL FLUIDS	DOW GLOBAL TECHNOLOGIES LLC	06/02/2016	201717046854	201717046854	
77567-JP-PCT	Japan	METHOD FOR MAKING ELECTRORHEOLOGICAL FLUIDS	DOW GLOBAL TECHNOLOGIES LLC	06/02/2016	2017-563343	2018-521165	
77567-KR-PCT	SOUTH KOREA	METHOD FOR MAKING ELECTRORHEOLOGICAL FLUIDS	DOW GLOBAL TECHNOLOGIES LLC	06/02/2016	10-2018-7000287	10-2018-0021782	
77567-US-PCT	United States Of America	METHOD FOR MAKING ELECTRORHEOLOGICAL FLUIDS	DOW GLOBAL TECHNOLOGIES LLC	06/02/2016	15/579597	2018-0142182	
77567-MO-PCT	International Procedure	METHOD FOR MAKING ELECTRORHEOLOGICAL FLUIDS	DOW GLOBAL TECHNOLOGIES LLC	06/02/2016	PCT/US16/035568		
77757-CN-PCT	China	DYNAMIC MIXER FOR VISCOUS CURABLE MATERIALS	DOW GLOBAL TECHNOLOGIES LLC	03/01/2016	201680067889.2	108307622	
77757-EP-PCT	European Procedure (Patents)	DYNAMIC MIXER FOR VISCOUS CURABLE MATERIALS	DOW GLOBAL TECHNOLOGIES LLC	03/01/2016	16713651.4	3383525	

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77757-KR-PCT	SOUTH KOREA	DYNAMIC MIXER FOR VISCOUS CURABLE MATERIALS	DOW GLOBAL TECHNOLOGIES LLC	03/01/2016	10-2018-7017028		10-2018-0090287
77757-US-PCT	United States Of America	DYNAMIC MIXER FOR VISCOUS CURABLE MATERIALS	DOW GLOBAL TECHNOLOGIES LLC	03/01/2016	15/779395		
77757-WO-PCT	International Procedure	DYNAMIC MIXER FOR VISCOUS CURABLE MATERIALS	DOW GLOBAL TECHNOLOGIES LLC	03/01/2016	PCT/US16/020204		WO/2017/095459
77946-WO-PCT	International Procedure	ADHESIVE HAVING IMPROVED LOW-TEMPERATURE IMPACT RESISTANCE	DOW GLOBAL TECHNOLOGIES LLC	10/06/2017	PCT/US17/055479		WO/2018/080760
77948-BR-PCT	Brazil	BLOCKED POLYURETHANE TOUGHENERS FOR EPOXY ADHESIVES	DOW GLOBAL TECHNOLOGIES LLC	09/06/2016	112018003350-2		
77948-CN-PCT	China	BLOCKED POLYURETHANE TOUGHENERS FOR EPOXY ADHESIVES	DOW GLOBAL TECHNOLOGIES LLC	09/06/2016	201680048459.6		
77948-EP-EPT	European Procedure (Patents)	BLOCKED POLYURETHANE TOUGHENERS FOR EPOXY ADHESIVES	DOW GLOBAL TECHNOLOGIES LLC	09/06/2016	16767105.6		3347391
77948-JP-PCT	Japan	BLOCKED POLYURETHANE TOUGHENERS FOR EPOXY ADHESIVES	DOW GLOBAL TECHNOLOGIES LLC	09/06/2016	2018-508154		
77948-KR-PCT	SOUTH KOREA	BLOCKED POLYURETHANE TOUGHENERS FOR EPOXY ADHESIVES	DOW GLOBAL TECHNOLOGIES LLC	09/06/2016	10-2018-7008091		10-2018-0052645
77948-US-PCT	United States Of America	BLOCKED POLYURETHANE TOUGHENERS FOR EPOXY ADHESIVES	DOW GLOBAL TECHNOLOGIES LLC	09/06/2016	15/756347		US-2018-0251633-A1
77949-CN-PCT	China	ADHESIVE FORMULATION	DOW GLOBAL TECHNOLOGIES LLC	09/29/2016	201680054675.1		108137771
77949-EP-EPT	European Procedure (Patents)	ADHESIVE FORMULATION	DOW GLOBAL TECHNOLOGIES LLC	09/29/2016	16782143.8		3359583
77949-US-PCT	United States Of America	ADHESIVE FORMULATION	DOW GLOBAL TECHNOLOGIES LLC	09/29/2016	15/761610		
77949-WO-PCT	International Procedure	ADHESIVE FORMULATION	DOW GLOBAL TECHNOLOGIES LLC	09/29/2016	PCT/US16/054300		WO/2017/062252
77951-BR-PCT	Brazil	HIGH MODULUS, TOUGHENED ONE-COMPONENT EPOXY STRUCTURAL ADHESIVES WITH HIGH ASPECT RATIO FILLEERS	DOW GLOBAL TECHNOLOGIES LLC	08/31/2016	112018003466-5		

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77951-CN-PCT	China	HIGH MODULUS, TOUGHENED ONE-COMPONENT EPOXY STRUCTURAL ADHESIVES WITH HIGH ASPECT RATIO FILLERS	DOW GLOBAL TECHNOLOGIES LLC	08/31/2016	201680049096.8		
77951-EP-EPT	European Procedure (Patents)	HIGH MODULUS, TOUGHENED ONE-COMPONENT EPOXY STRUCTURAL ADHESIVES WITH HIGH ASPECT RATIO FILLERS	DOW GLOBAL TECHNOLOGIES LLC	08/31/2016	16763668.7	3347394	
77951-JP-PCT	Japan	HIGH MODULUS, TOUGHENED ONE-COMPONENT EPOXY STRUCTURAL ADHESIVES WITH HIGH ASPECT RATIO FILLERS	DOW GLOBAL TECHNOLOGIES LLC	08/31/2016	2018-509559		
77951-KR-PCT	SOUTH KOREA	HIGH MODULUS, TOUGHENED ONE-COMPONENT EPOXY STRUCTURAL ADHESIVES WITH HIGH ASPECT RATIO FILLERS	DOW GLOBAL TECHNOLOGIES LLC	08/31/2016	10-2018-7008193	10-2018-0052647	
77951-US-PCT	United States Of America	HIGH MODULUS, TOUGHENED ONE-COMPONENT EPOXY STRUCTURAL ADHESIVES WITH HIGH ASPECT RATIO FILLERS	DOW GLOBAL TECHNOLOGIES LLC	08/31/2016	15/755080	US-2018-0258329-A1	
77977-CN-PCT	China	LONG OPEN-TIME WATER BASED PRIMER COMPOSITION FOR ISOCYANATE AND SILANE FUNCTIONAL ADHESIVE	DOW GLOBAL TECHNOLOGIES LLC				
77977-EP-EPT	European Procedure (Patents)	LONG OPEN-TIME WATER BASED PRIMER COMPOSITION FOR ISOCYANATE AND SILANE FUNCTIONAL ADHESIVE	DOW GLOBAL TECHNOLOGIES LLC				
77977-IN-PCT	India	LONG OPEN-TIME WATER BASED PRIMER COMPOSITION FOR ISOCYANATE AND SILANE FUNCTIONAL ADHESIVE	DOW GLOBAL TECHNOLOGIES LLC				
77977-JP-PCT	Japan	LONG OPEN-TIME WATER BASED PRIMER COMPOSITION FOR ISOCYANATE AND SILANE FUNCTIONAL ADHESIVE	DOW GLOBAL TECHNOLOGIES LLC				
77977-KR-PCT	SOUTH KOREA	LONG OPEN-TIME WATER BASED PRIMER COMPOSITION FOR ISOCYANATE AND SILANE FUNCTIONAL ADHESIVE	DOW GLOBAL TECHNOLOGIES LLC				

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77977-US-PCT	United States Of America	LONG OPEN-TIME WATER BASED PRIMER COMPOSITION FOR ISOCYANATE AND SILANE FUNCTIONAL ADHESIVE LONG OPEN-TIME WATER BASED PRIMER COMPOSITION FOR ISOCYANATE AND SILANE FUNCTIONAL ADHESIVE	DOW GLOBAL TECHNOLOGIES LLC					
77977-WO-PCT	International Procedure		DOW GLOBAL TECHNOLOGIES LLC	04/13/2017	PCT/US17/027323		WO/2017/184416	
78048-US-PCT	United States Of America	IMPROVED METHOD FOR ADHERING GLASS TO METAL MOUNTING BRACKETS LATENT TWO-PART POLYURETHANE ADHESIVES CURED WITH INFRARED RADIATION	DOW GLOBAL TECHNOLOGIES LLC	09/08/2016	15/757882			
78051-BR-PCT	Brazil		DOW GLOBAL TECHNOLOGIES LLC	06/14/2016	112017026296-7			
78051-CN-PCT	China	LATENT TWO-PART POLYURETHANE ADHESIVES CURED WITH INFRARED RADIATION LATENT TWO-PART POLYURETHANE ADHESIVES	DOW GLOBAL TECHNOLOGIES LLC	06/14/2016	201680034235.X		107735475	
78051-EP-EPT	European Procedure (Patents)		DOW GLOBAL TECHNOLOGIES LLC	06/14/2016	16734095.9		3310868	
78051-JP-PCT	Japan	LATENT TWO-PART POLYURETHANE ADHESIVES CURED WITH INFRARED RADIATION LATENT TWO-PART POLYURETHANE ADHESIVES	DOW GLOBAL TECHNOLOGIES LLC	06/14/2016	2017-563932		2018-522096	
78051-KR-PCT	SOUTH KOREA		DOW GLOBAL TECHNOLOGIES LLC	06/14/2016	10-2018-7000134		10-2018-0019638	
78051-US-PCT	United States Of America	LATENT TWO-PART POLYURETHANE ADHESIVES CURED WITH INFRARED RADIATION LATENT TWO-PART POLYURETHANE ADHESIVES	DOW GLOBAL TECHNOLOGIES LLC	06/14/2016	15/579745		2018-0179320	
78051-WO-PCT	International Procedure		DOW GLOBAL TECHNOLOGIES LLC	06/14/2016	PCT/US16/037451		WO/2016/205255	
78052-BR-PCT	Brazil	ONE-COMPONENT TOUGHENED EPOXY ADHESIVES WITH IMPROVED ADHESION TO OILY SURFACES AND HIGH WASH-OFF RESISTANCE	DOW GLOBAL TECHNOLOGIES LLC	09/06/2016	112018003401-0			

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78052-CN-PCT	China	ONE-COMPONENT TOUGHENED EPOXY ADHESIVES WITH IMPROVED ADHESION TO OILY SURFACES AND HIGH WASH-OFF RESISTANCE	DOW GLOBAL TECHNOLOGIES LLC	09/06/2016	201680049123.1			
78052-EP-EPT	European Procedure (Patents)	ONE-COMPONENT TOUGHENED EPOXY ADHESIVES WITH IMPROVED ADHESION TO OILY SURFACES AND HIGH WASH-OFF RESISTANCE	DOW GLOBAL TECHNOLOGIES LLC	09/06/2016	16767104.9	3347398		
78052-JP-PCT	Japan	ONE-COMPONENT TOUGHENED EPOXY ADHESIVES WITH IMPROVED ADHESION TO OILY SURFACES AND HIGH WASH-OFF RESISTANCE	DOW GLOBAL TECHNOLOGIES LLC	09/06/2016	2018-509558			
78052-KR-PCT	SOUTH KOREA	ONE-COMPONENT TOUGHENED EPOXY ADHESIVES WITH IMPROVED ADHESION TO OILY SURFACES AND HIGH WASH-OFF RESISTANCE	DOW GLOBAL TECHNOLOGIES LLC	09/06/2016	10-2018-7008194	10-2018-0052648		
78052-US-PCT	United States Of America	ONE-COMPONENT TOUGHENED EPOXY ADHESIVES WITH IMPROVED ADHESION TO OILY SURFACES AND HIGH WASH-OFF RESISTANCE	DOW GLOBAL TECHNOLOGIES LLC	09/06/2016	15/757877			
78061-CN-PCT	China	ONE-COMPONENT EPOXY-MODIFIED POLYURETHANE AND/OR POLYUREA ADHESIVES HAVING HIGH ELONGATION AND EXCELLENT THERMAL STABILITY, AND ASSEMBLY PROCESSES USING SAME	DOW GLOBAL TECHNOLOGIES LLC	12/09/2016	2017800051880			
78061-EP-EPT	European Procedure (Patents)	ONE-COMPONENT EPOXY-MODIFIED POLYURETHANE AND/OR POLYUREA ADHESIVES HAVING HIGH ELONGATION AND EXCELLENT THERMAL STABILITY, AND ASSEMBLY PROCESSES USING SAME	DOW GLOBAL TECHNOLOGIES LLC	12/09/2016	17702189.6			

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SEQUENCE	CO-PATENT	TITLE	OWNER	FILING DATE	APP. NUMBER	PUB. NUMBER	GRANT DATE	GRANT NUMBER
		ONE-COMPONENT EPOXY-MODIFIED POLYURETHANE AND/OR POLYUREA ADHESIVES HAVING HIGH ELONGATION AND EXCELLENT THERMAL STABILITY, AND ASSEMBLY PROCESSES USING SAME	DOW GLOBAL TECHNOLOGIES LLC	12/09/2016	16/064578			
78061-US-PCT	United States Of America							
78061-US-PCT	United States Of America	ONE-COMPONENT EPOXY-MODIFIED POLYURETHANE AND/OR POLYUREA ADHESIVES HAVING HIGH ELONGATION AND EXCELLENT THERMAL STABILITY, AND ASSEMBLY PROCESSES USING SAME	DOW GLOBAL TECHNOLOGIES LLC	12/09/2016	PCT/US17/012762	WO/2017/127253		
78061-WO-PCT	International Procedure							
		COMPOSITIONS CONTAINING ISOCYANATE FUNCTIONAL PREPOLYMERS AND QUATERNARY AMMONIUM MODIFIED NANOGLAYS	DOW GLOBAL TECHNOLOGIES LLC	02/03/2017	1120180161977			
78311-BR-PCT	Brazil	COMPOSITIONS CONTAINING ISOCYANATE FUNCTIONAL PREPOLYMERS AND QUATERNARY AMMONIUM MODIFIED NANOGLAYS	DOW GLOBAL TECHNOLOGIES LLC	02/03/2017	201780010873.2			
78311-CN-PCT	China	COMPOSITIONS CONTAINING ISOCYANATE FUNCTIONAL PREPOLYMERS AND QUATERNARY AMMONIUM MODIFIED NANOGLAYS	DOW GLOBAL TECHNOLOGIES LLC	02/03/2017	17705271.9			
78311-EP-EPT	European Procedure (Patents)	COMPOSITIONS CONTAINING ISOCYANATE FUNCTIONAL PREPOLYMERS AND QUATERNARY AMMONIUM MODIFIED NANOGLAYS	DOW GLOBAL TECHNOLOGIES LLC	02/03/2017	PCT/US17/016369	WO/2017/014271.4		
78311-US-PCT	United States Of America	COMPOSITIONS CONTAINING ISOCYANATE FUNCTIONAL PREPOLYMERS AND QUATERNARY AMMONIUM MODIFIED NANOGLAYS	DOW GLOBAL TECHNOLOGIES LLC	02/03/2017	PCT/US17/025712	WO/2017/176625		
78311-WO-PCT	International Procedure	COMPOSITIONS CONTAINING ISOCYANATE FUNCTIONAL PREPOLYMERS AND QUATERNARY AMMONIUM MODIFIED NANOGLAYS	DOW GLOBAL TECHNOLOGIES LLC	02/03/2017	PCT/US17/063577	WO/2018/102333		
78668-WO-PCT	International Procedure	ISOCYANATE-BLOCKED AMIDINES AS LATENT POLYURETHANE CATALYSTS	DOW GLOBAL TECHNOLOGIES LLC	11/29/2017				
78705-WO-PCT	International Procedure							

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PATENT NUMBER	IPC CLASS	INVENTOR	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
78708-BR-PCT	Brazil	LATENT TWO-PART POLYURETHANE ADHESIVES CURABLE WITH INFRARED RADIATION	DOW GLOBAL TECHNOLOGIES LLC	06/14/2016	112017026192-8		
78708-CN-PCT	China	LATENT TWO-PART POLYURETHANE ADHESIVES CURABLE WITH INFRARED RADIATION	DOW GLOBAL TECHNOLOGIES LLC	06/14/2016	201680034740.4	107787341	
78708-EP-EPT	European Procedure (Patents)	LATENT TWO-PART POLYURETHANE ADHESIVES CURABLE WITH INFRARED RADIATION	DOW GLOBAL TECHNOLOGIES LLC	06/14/2016	16741405.1	3310833	
78708-JP-PCT	Japan	LATENT TWO-PART POLYURETHANE ADHESIVES CURABLE WITH INFRARED RADIATION	DOW GLOBAL TECHNOLOGIES LLC	06/14/2016	2017-563254	2018-522095	
78708-KR-PCT	SOUTH KOREA	LATENT TWO-PART POLYURETHANE ADHESIVES CURABLE WITH INFRARED RADIATION	DOW GLOBAL TECHNOLOGIES LLC	06/14/2016	10-2018-7000141	10-2018-0018652	
78708-US-PCT	United States Of America	LATENT TWO-PART POLYURETHANE ADHESIVES CURABLE WITH INFRARED RADIATION	DOW GLOBAL TECHNOLOGIES LLC	06/14/2016	15/579738	2018-0179319	
78708-WO-PCT	International Procedure	LATENT TWO-PART POLYURETHANE ADHESIVES CURABLE WITH INFRARED RADIATION	DOW GLOBAL TECHNOLOGIES LLC	06/14/2016	PCT/US16037446	WO/2016/205251	
78709-WO-PCT	International Procedure	IN-SITU PROCESS FOR FORMING MIXTURES OF AN EPOXIDIZED POLY(PHENYLENE ETHER) AND AN EPOXY RESIN	DOW GLOBAL TECHNOLOGIES LLC	06/22/2017	PCT/US17038862	WO/2018/017280	
78710-BR-PCT	Brazil	LATENT TWO-PART POLYURETHANE ADHESIVES CURABLE WITH INFRARED RADIATION	DOW GLOBAL TECHNOLOGIES LLC	06/14/2016	112017026790-0		
78710-CN-PCT	China	LATENT TWO-PART POLYURETHANE ADHESIVES CURABLE WITH INFRARED RADIATION	DOW GLOBAL TECHNOLOGIES LLC	06/14/2016	201680034343.7	107735424	
78710-EP-EPT	European Procedure (Patents)	LATENT TWO-PART POLYURETHANE ADHESIVES CURABLE WITH INFRARED RADIATION	DOW GLOBAL TECHNOLOGIES LLC	06/14/2016	16741406.9	3310826	

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Patent Number	Country	Title	Inventor	Filing Date	App. Number	Pub. Number	Grant Number
78710-JP-PCT	Japan	LATENT TWO-PART POLYURETHANE ADHESIVES CURABLE WITH INFRARED RADIATION	DOW GLOBAL TECHNOLOGIES LLC	06/14/2016	2017-563250	2018-522094	
78710-KR-PCT	SOUTH KOREA	LATENT TWO-PART POLYURETHANE ADHESIVES CURABLE WITH INFRARED RADIATION	DOW GLOBAL TECHNOLOGIES LLC	06/14/2016	10-2018-7000696	10-2018-0019651	
78710-US-PCT	United States Of America	LATENT TWO-PART POLYURETHANE ADHESIVES CURABLE WITH INFRARED RADIATION	DOW GLOBAL TECHNOLOGIES LLC	06/14/2016	15/579742	2018-0171059	
78710-WO-PCT	International Procedure	POLYURETHANE ADHESIVES CURABLE WITH INFRARED RADIATION	DOW GLOBAL TECHNOLOGIES LLC	06/14/2016	PCT/US16/037447	WO/2016/205252	
78711-WO-PCT	International Procedure	EPOXY ADHESIVE HAVING IMPROVED LOW-TEMPERATURE IMPACT RESISTANCE	DOW GLOBAL TECHNOLOGIES LLC	10/24/2017	PCT/US17/057951	WO/2018/081032	
78713-WO-PCT	International Procedure	ADHESIVE COMPOSITION WITH GROUND RUBBER	DOW GLOBAL TECHNOLOGIES LLC	08/28/2017	PCT/US17/048871	WO/2018/048655	
79236-WO-PCT	International Procedure	SH-ANE CONTAINING HIGH MODULUS URETHANE ADHESIVES	DOW GLOBAL TECHNOLOGIES LLC	01/04/2017	PCT/US17/012165	WO/2017/189057	
79367-WO-PCT	International Procedure	ALDIMINE CONTAINING GLASS BONDING PRIMER	DOW GLOBAL TECHNOLOGIES LLC	10/02/2017	PCT/US17/054690	WO/2018/075228	
79368-WO-PCT	International Procedure	COMPOSITIONS CONTAINING HYDROPHOBIC MODIFIED ISOCYANATE FUNCTIONAL PREPOLYMER CONTAINING ADHESIVES	DOW GLOBAL TECHNOLOGIES LLC	06/12/2018	PCT/US18/037754		
79383-WO-PCT	International Procedure	EPOXY ADHESIVE RESISTANT TO OPEN BEAD HUMIDITY EXPOSURE	DOW GLOBAL TECHNOLOGIES LLC	10/04/2017	PCT/US17/055052	WO-2018-080747	
79908-WO-PCT[2]	International Procedure	GLASS BONDING ADHESIVE WITH REDUCED SLIPAGE	DOW GLOBAL TECHNOLOGIES LLC	12/21/2017	PCT/US17/067788	WO/2018/132242	
ONE-COMPONENT TOUGHENED EPOXY ADHESIVES							
80024-WO-PCT	International Procedure	CONTAINING A MIXTURE OF LATENT CURING AGENTS	DOW GLOBAL TECHNOLOGIES LLC	02/19/2018	PCT/US18/018599		
80025-WO-PCT	International Procedure	EPOXY-ACRYLIC HYBRID ADHESIVE	DOW GLOBAL TECHNOLOGIES LLC	01/29/2018	PCT/US18/015639		
80026-WO-PCT	International Procedure	HIGH TEMPERATURE EPOXY ADHESIVE FORMULATIONS	DOW GLOBAL TECHNOLOGIES LLC	04/10/2018	PCT/US18/026784		

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PATENT NUMBER	COUNTRY	TITLE	OWNER	PENDING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
80027-WO-PCT	International Procedure	SILYLAMMONIUM SALTS AS LATENT POLYURETHANE CATALYSTS	DOW GLOBAL TECHNOLOGIES LLC	07/13/2018	PCT/US18/042070			
80129-US-PSP	United States Of America	WATERBASED ONE COAT ADHESIVE COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	04/23/2018	62/661183			
80246-WO-PCT	International Procedure	LATENT TWO-PART POLYURETHANE ADHESIVES CURABLE UNDER AMBIENT CONDITIONS	DOW GLOBAL TECHNOLOGIES LLC	07/10/2018	PCT/US18/041381			
80371-WO-PCT	International Procedure	ORGANOZINC COCATALYSTS FOR IMPROVED LATENCY IN POLYURETHANE CURING	DOW GLOBAL TECHNOLOGIES LLC	07/13/2018	PCT/US18/042087			
80485-WO-PCT	International Procedure	TWO-COMPONENT ROOM TEMPERATURE CURABLE TOUGHENED EPOXY ADHESIVES	DOW GLOBAL TECHNOLOGIES LLC	08/04/2018	PCT/US2018/045292			
80487-WO-PCT	International Procedure	ONE-COMPONENT TOUGHENED EPOXY ADHESIVES	DOW GLOBAL TECHNOLOGIES LLC	07/20/2018	PCT/US18/043022			
80489-US-PSP	United States Of America	EPOXY RESIN ADHESIVE COMPOSITIONS	DOW GLOBAL TECHNOLOGIES LLC	01/08/2018	62/614660			
80577-WO-PCT	International Procedure	THREE-COMPONENT POLYURETHANE ADHESIVE COMPOSITIONS	DOW GLOBAL TECHNOLOGIES LLC	06/13/2018	PCT/US18/037317			
80578-WO-PCT	International Procedure	ADHESIVE FORMULATION	DOW GLOBAL TECHNOLOGIES LLC	07/20/2018	PCT/US18/043029			
80588-US-PSP	United States Of America	ADHESIVE USEFUL FOR INSTALLING VEHICLE WINDOWS	DOW GLOBAL TECHNOLOGIES LLC	02/02/2018	62/625488			
81006-US-PSP	United States Of America	ADHESIVE COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	10/18/2017	62/573816			
81007-US-PSP	United States Of America	TWO-COMPONENT POLYURETHANE ADHESIVE COMPOSITIONS	DOW GLOBAL TECHNOLOGIES LLC	04/02/2018	62/651286			
81008-US-PSP	United States Of America	ADHESIVE COMPOSITION METHOD FOR BONDING USING ONE-COMPONENT EPOXY ADHESIVE MIXTURES	DOW GLOBAL TECHNOLOGIES LLC	03/07/2018	62/639670			
81009-US-PSP	United States Of America	ISOCYANATE FUNCTIONAL ADHESIVE WHICH BONDS PRIMERLESS TO SILANATED ACRYLIC POLYOL BASED COATINGS	DOW GLOBAL TECHNOLOGIES LLC	05/29/2018	62/677450			
81010-WO-PCT	International Procedure		DOW GLOBAL TECHNOLOGIES LLC					

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT NUMBER
81018-US-PSP	United States Of America	ADHESIVE USEFUL FOR INSTALLING VEHICLE WINDOWS	DOW GLOBAL TECHNOLOGIES LLC	02/02/2018	62/625516		
81624-US-PSP	United States Of America	HEAT TRANSFER FLUID ONE-COMPONENT HOT MELT	DOW GLOBAL TECHNOLOGIES LLC	01/24/2018	62/621319		
81636-US-PSP	United States Of America	POLYURETHANE ADHESIVE	TECHNOLOGIES LLC	08/24/2018	62/722226		
81637-US-PSP	United States Of America	POLYURETHANE ADHESIVE COMPOSITIONS	DOW GLOBAL TECHNOLOGIES LLC	02/12/2018	62/629307		
81640-US-PSP	United States Of America	LATENT TWO-PART POLYURETHANE ADHESIVES	DOW GLOBAL TECHNOLOGIES LLC	03/19/2018	62/644775		
81641-US-PSP	United States Of America	ADHESIVE COMPOSITION POLYPROPYLENE BONDING	TECHNOLOGIES LLC	03/07/2018	62/639675		
81961-US-PSP	United States Of America	ADHESIVE AND PROCESS PRIMERLESS POLYURETHANE ADHESIVE COMPOSITIONS	DOW GLOBAL TECHNOLOGIES LLC	06/20/2018	62/687492		
81962-US-PSP	United States Of America	ADHESIVE COMPOSITIONS	DOW GLOBAL TECHNOLOGIES LLC	07/02/2018	62/693006		
43991-CA-PCT	Canada	MULTILAYER FOAMS	TECHNOLOGIES INC	11/11/1998	2312950		2312950
43991-CN-PCT	China	MULTILAYER FOAMS	DOW GLOBAL TECHNOLOGIES INC	11/11/1998	98811967.6	1281401	05/23/2007 98811967.6
43991-TR-PCT	Turkey	MULTILAYER FOAMS	TECHNOLOGIES INC	11/11/1998	00/01662		08/21/2003 00/01662
43991-US-NP	United States Of America	MULTILAYER FOAMS INSECTICIDE-CONTAINING FOAM SHEET AND PROCESS FOR THE PREPARATION THEREOF	DOW GLOBAL TECHNOLOGIES LLC	11/12/1998	09/190516	2002-0026977	08/27/2002 6440241
44248-JP-PCT	Japan	FOAMS USEFUL IN SOUND MANAGEMENT	DOW GLOBAL TECHNOLOGIES INC	05/27/1999	42124/99	768157	03/18/2004 768157
44306A-AU-PCT	Australia	FOAMS USEFUL IN SOUND MANAGEMENT	DOW GLOBAL TECHNOLOGIES INC	05/27/1999	2340217		10/06/2009 2340217
44306A-CA-PCT	Canada	FOAMS USEFUL IN SOUND MANAGEMENT	TECHNOLOGIES INC	05/27/1999	99925939.3	1115777	07/24/2002 1115777
44306A-CH-EPT	Switzerland	FOAMS USEFUL IN SOUND MANAGEMENT	DOW GLOBAL TECHNOLOGIES INC	05/27/1999	99810985.1	1318078	12/21/2005 99810985.1
44306A-CN-PCT	China	FOAMS USEFUL IN SOUND MANAGEMENT	DOW GLOBAL TECHNOLOGIES INC	05/27/1999	99925939.3	1115777	07/24/2002 69902283.5
44306A-DE-EPT	Germany	FOAMS USEFUL IN SOUND MANAGEMENT	DOW GLOBAL TECHNOLOGIES INC	05/27/1999	99925939.3	1115777	07/24/2002 1115777
44306A-ES-EPT	Spain	FOAMS USEFUL IN SOUND MANAGEMENT	TECHNOLOGIES INC	05/27/1999	99925939.3	1115777	07/24/2002 1115777
44306A-FR-EPT	France	FOAMS USEFUL IN SOUND MANAGEMENT	TECHNOLOGIES INC	05/27/1999	99925939.3	1115777	07/24/2002 1115777
44306A-GB-EPT	United Kingdom	FOAMS USEFUL IN SOUND MANAGEMENT	TECHNOLOGIES INC	05/27/1999	99925939.3	1115777	07/24/2002 1115777

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PIF. NUMBER	GRANT DATE	GRANT NUMBER
44306A-IE-EPT	Ireland	FOAMS USEFUL IN SOUND MANAGEMENT	DOW GLOBAL TECHNOLOGIES INC	05/27/1999	99925939.3	1115777	07/24/2002	1115777
44306A-IT-EPT	Italy	FOAMS USEFUL IN SOUND MANAGEMENT	DOW GLOBAL TECHNOLOGIES INC	05/27/1999	99925939.3	1115777	07/24/2002	1115777
44306A-US-PCT	United States Of America	FOAMS USEFUL IN SOUND MANAGEMENT	DOW GLOBAL TECHNOLOGIES LLC	05/27/1999	09/762161		04/13/2004	6720362
60110-CA-PCT	Canada	EXTRUDED FOAMS HAVING A MONOVINYL AROMATIC POLYMER WITH A BROAD MOLECULAR WEIGHT DISTRIBUTION	DOW GLOBAL TECHNOLOGIES INC	09/01/2000	2381559		05/11/2010	2381559
60110-CN-PCT	China	EXTRUDED FOAMS HAVING A MONOVINYL AROMATIC POLYMER WITH A BROAD MOLECULAR WEIGHT DISTRIBUTION	DOW GLOBAL TECHNOLOGIES INC	09/01/2000	00812063.3	1371402	12/12/2007	00812063.3
60110-JP-PCT	Japan	EXTRUDED FOAMS HAVING A MONOVINYL AROMATIC POLYMER WITH A BROAD MOLECULAR WEIGHT DISTRIBUTION	DOW GLOBAL TECHNOLOGIES LLC	09/01/2000	2001-522316	2003-508613	08/05/2011	4794791
60110-TR-PCT	Turkey	EXTRUDED FOAMS HAVING A MONOVINYL AROMATIC POLYMER WITH A BROAD MOLECULAR WEIGHT DISTRIBUTION	DOW GLOBAL TECHNOLOGIES INC	09/01/2000	02/00531		07/21/2006	200200531
60529A-US-NP	United States Of America	MACROCELLULAR POLYOLEFIN FOAM HAVING A HIGH SERVICE TEMPERATURE FOR ACOUSTICAL APPLICATIONS	DOW GLOBAL TECHNOLOGIES LLC	02/13/2001	09/782231		07/08/2003	6590006
60585-AT-EPT	Austria	HANDLE FOR FROTH-PAK KIT	DOW GLOBAL TECHNOLOGIES INC					
60585-BE-EPT	Belgium	HANDLE FOR FROTH-PAK KIT	DOW GLOBAL TECHNOLOGIES INC					
60585-CH-EPT	Switzerland	HANDLE FOR FROTH-PAK KIT	DOW GLOBAL TECHNOLOGIES INC					
60585-DE-EPT	Germany	HANDLE FOR FROTH-PAK KIT	DOW GLOBAL TECHNOLOGIES INC					
60585-DK-EPT	Denmark	HANDLE FOR FROTH-PAK KIT	DOW GLOBAL TECHNOLOGIES INC					
60585-FR-EPT	France	HANDLE FOR FROTH-PAK KIT	DOW GLOBAL TECHNOLOGIES INC					
60585-GB-EPT	United Kingdom	HANDLE FOR FROTH-PAK KIT	DOW GLOBAL TECHNOLOGIES INC					

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PATENT NUMBER	CO-PATENT	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT NUMBER
60585-MX-PCT	Mexico	HANDLE FOR FROTH-PAK KIT	DOW GLOBAL TECHNOLOGIES INC	10/26/2001	PA/A/03/004261		264969
60585-NL-EPT	Netherlands	HANDLE FOR FROTH-PAK KIT	DOW GLOBAL TECHNOLOGIES INC				
60585-SE-EPT	Sweden	HANDLE FOR FROTH-PAK KIT	DOW GLOBAL TECHNOLOGIES INC				
60911A-AT-EPT	Austria	POLYURETHANE FOAM COMPOSITION	DOW GLOBAL TECHNOLOGIES INC	08/08/2001	01959670.9	1311573	04/14/2010 1311573
60911A-CA-PCT	Canada	POLYURETHANE FOAM COMPOSITION	DOW GLOBAL TECHNOLOGIES INC	08/08/2001	2419059	2419059	02/02/2010 2419059
60911A-DE-EPT	Germany	POLYURETHANE FOAM COMPOSITION	DOW GLOBAL TECHNOLOGIES INC	08/08/2001	01959670.9	1311573	04/14/2010 60141838.7
60911A-ES-EPT	Spain	POLYURETHANE FOAM COMPOSITION	DOW GLOBAL TECHNOLOGIES INC	08/08/2001	01959670.9	1311573	04/14/2010 1311573
60911A-FR-EPT	France	POLYURETHANE FOAM COMPOSITION	DOW GLOBAL TECHNOLOGIES INC	08/08/2001	01959670.9	1311573	04/14/2010 1311573
60911A-GB-EPT	United Kingdom	POLYURETHANE FOAM COMPOSITION	DOW GLOBAL TECHNOLOGIES INC	08/08/2001	01959670.9	1311573	04/14/2010 1311573
60911A-IT-EPT	Italy	POLYURETHANE FOAM COMPOSITION	DOW GLOBAL TECHNOLOGIES INC	08/08/2001	01959670.9	1311573	04/14/2010 1311573
60911A-JP-PCT	Japan	POLYURETHANE FOAM COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	08/08/2001	2002-518335		09/13/2013 5362939
60911A-MX-PCT	Mexico	POLYURETHANE FOAM COMPOSITION	TECHNOLOGIES INC	08/08/2001	PA/A/03/001225		11/13/2006 241950
60911A-NO-PCT	Norway	POLYURETHANE FOAM COMPOSITION	DOW GLOBAL TECHNOLOGIES INC	08/08/2001	20030630		08/13/2012 332274
60911A-PL-PCT	Poland	POLYURETHANE FOAM COMPOSITION	DOW GLOBAL TECHNOLOGIES INC	08/08/2001	359869		08/21/2012
60911A-SE-EPT	Sweden	POLYURETHANE FOAM COMPOSITION	DOW GLOBAL TECHNOLOGIES INC	08/08/2001	01959670.9	1311573	04/14/2010 1311573
60911A-TR-EPT	Turkey	POLYURETHANE FOAM COMPOSITION	TECHNOLOGIES INC	08/08/2001	01959670.9	1311573	04/14/2010 1311573
60911A-US-REI	United States Of America	POLYURETHANE FOAM COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	10/20/2009	12/581976		05/29/2012 RE43432
60911C-US-CNT	America	POLYURETHANE FOAM COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	10/10/2006	11/545675	2007-0054972	10/06/2015 9150764
62108-CA-NP	Canada	INSULATING SHEATHING WITH TOUGH THREE-PLY FACERS	DOW GLOBAL TECHNOLOGIES INC	02/05/1999	2260671		09/16/2008 2260671
62108-CH-EPA	Switzerland	INSULATING SHEATHING WITH TOUGH THREE-PLY FACERS	DOW GLOBAL TECHNOLOGIES INC	03/01/1999	99301358.0	0940249	11/05/2008 0940249
62108-DE-EPA	Germany	INSULATING SHEATHING WITH TOUGH THREE-PLY FACERS	DOW GLOBAL TECHNOLOGIES INC	03/01/1999	99301358.0	0940249	11/05/2008 69939849.5

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PUB. NUMBER	GRANT DATE	GRANT NUMBER
62108-DK-EPA	Denmark	INSULATING SHEATHING WITH TOUGH THREE-PLY FACERS	DOW GLOBAL TECHNOLOGIES INC	03/01/1999	99301358.0	0940249	11/05/2008	0940249
62108-ES-EPA	Spain	INSULATING SHEATHING WITH TOUGH THREE-PLY FACERS	DOW GLOBAL TECHNOLOGIES INC	03/01/1999	99301358.0	0940249	11/05/2008	2317685
62108-FR-EPA	France	INSULATING SHEATHING WITH TOUGH THREE-PLY FACERS	DOW GLOBAL TECHNOLOGIES INC	03/01/1999	99301358.0	0940249	11/05/2008	0940249
62108-GB-EPA	United Kingdom	INSULATING SHEATHING WITH TOUGH THREE-PLY FACERS	DOW GLOBAL TECHNOLOGIES INC	03/01/1999	99301358.0	0940249	11/05/2008	0940249
62108-MX-NP	Mexico	INSULATING SHEATHING WITH TOUGH THREE-PLY FACERS	DOW GLOBAL TECHNOLOGIES INC	02/25/1999	1999/001868		10/24/2005	231570
62108-NL-EPA	Netherlands	INSULATING SHEATHING WITH TOUGH THREE-PLY FACERS	DOW GLOBAL TECHNOLOGIES INC	03/01/1999	99301358.0	0940249	11/05/2008	0940249
62108-SE-EPA	Sweden	INSULATING SHEATHING WITH TOUGH THREE-PLY FACERS USE OF A LOW BINDER FIBER MAT WITH A SUPPORT MAT FOR FABRICATING A FIBER REINFORCED POLYMERIC FOAM COMPOSITE	DOW GLOBAL TECHNOLOGIES INC	03/01/1999	99301358.0	0940249	11/05/2008	0940249
62146A-US-NP	United States Of America	BROMINATED BUTADIENE/VINYL AROMATIC COPOLYMERS, BLENDS OF SUCH COPOLYMERS WITH A VINYL AROMATIC POLYMER, AND POLYMERIC FOAMS FORMED FROM SUCH BLENDS	DOW GLOBAL TECHNOLOGIES LLC	07/09/2003	10/615746	2004-0053035	03/11/2008	7341638
64216A-CA-PCT	Canada	BROMINATED BUTADIENE/VINYL AROMATIC COPOLYMERS, BLENDS OF SUCH COPOLYMERS WITH A VINYL AROMATIC POLYMER, AND POLYMERIC FOAMS FORMED FROM SUCH BLENDS	DOW GLOBAL TECHNOLOGIES LLC	10/23/2006	2627253		11/19/2013	2627253
64216A-CN-PCT	China	BROMINATED BUTADIENE/VINYL AROMATIC COPOLYMERS, BLENDS OF SUCH COPOLYMERS WITH A VINYL AROMATIC POLYMER, AND POLYMERIC FOAMS FORMED FROM SUCH BLENDS	DOW GLOBAL TECHNOLOGIES LLC	10/23/2006	200680042226.1	101305022	06/20/2012	200680042226.1
64216A-DE-EPT	Germany	BROMINATED BUTADIENE/VINYL AROMATIC COPOLYMERS, BLENDS OF SUCH COPOLYMERS WITH A VINYL AROMATIC POLYMER, AND POLYMERIC FOAMS FORMED FROM SUCH BLENDS	DOW GLOBAL TECHNOLOGIES INC	10/23/2006	06836467.8	1957544	01/20/2010	602006011944.5

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
64216A-ES-EPT	Spain	BROMINATED BUTADIENE/VINYL AROMATIC COPOLYMERS, BLENDS OF SUCH COPOLYMERS WITH A VINYL AROMATIC POLYMER, AND POLYMERIC FOAMS FORMED FROM SUCH BLENDS	DOW GLOBAL TECHNOLOGIES INC	10/23/2006	06836467.8	1957544	01/20/2010	1957544
64216A-FR-EPT	France	BROMINATED BUTADIENE/VINYL AROMATIC COPOLYMERS, BLENDS OF SUCH COPOLYMERS WITH A VINYL AROMATIC POLYMER, AND POLYMERIC FOAMS FORMED FROM SUCH BLENDS	DOW GLOBAL TECHNOLOGIES INC	10/23/2006	06836467.8	1957544	01/20/2010	1957544
64216A-GB-EPT	United Kingdom	BROMINATED BUTADIENE/VINYL AROMATIC COPOLYMERS, BLENDS OF SUCH COPOLYMERS WITH A VINYL AROMATIC POLYMER, AND POLYMERIC FOAMS FORMED FROM SUCH BLENDS	DOW GLOBAL TECHNOLOGIES INC	10/23/2006	06836467.8	1957544	01/20/2010	1957544
64216A-GR-EPT	Greece	BROMINATED BUTADIENE/VINYL AROMATIC COPOLYMERS, BLENDS OF SUCH COPOLYMERS WITH A VINYL AROMATIC POLYMER, AND POLYMERIC FOAMS FORMED FROM SUCH BLENDS	DOW GLOBAL TECHNOLOGIES INC	10/23/2006	06836467.8	1957544	01/20/2010	3071549
64216A-IN-PCT	India	BROMINATED BUTADIENE/VINYL AROMATIC COPOLYMERS, BLENDS OF SUCH COPOLYMERS WITH A VINYL AROMATIC POLYMER, AND POLYMERIC FOAMS FORMED FROM SUCH BLENDS	DOW GLOBAL TECHNOLOGIES LLC	10/23/2006	2334/CHENP/2008		08/09/2016	274785
64216A-IT-EPT	Italy	BROMINATED BUTADIENE/VINYL AROMATIC COPOLYMERS, BLENDS OF SUCH COPOLYMERS WITH A VINYL AROMATIC POLYMER, AND POLYMERIC FOAMS FORMED FROM SUCH BLENDS	DOW GLOBAL TECHNOLOGIES INC	10/23/2006	06836467.8	1957544	01/20/2010	1957544

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CAS NUMBER	COUNTRY	FIELD	OWNER	FILED DATE	APP. NUMBER	PAT. NUMBER	GRANT DATE	GRANT NUMBER
64216A-JP-PCT	Japan	BROMINATED						
		BUTADIENE/VINYL AROMATIC COPOLYMERS, BLENDS OF SUCH COPOLYMERS WITH A VINYL AROMATIC POLYMER, AND POLYMERIC FOAMS FORMED FROM SUCH BLENDS	DOW GLOBAL TECHNOLOGIES LLC	10/23/2006	2008-540035	2009-516019	06/28/2013	5302001
		BROMINATED						
64216A-RU-PCT	Russian Federation	BUTADIENE/VINYL AROMATIC COPOLYMERS, BLENDS OF SUCH COPOLYMERS WITH A VINYL AROMATIC POLYMER, AND POLYMERIC FOAMS FORMED FROM SUCH BLENDS	DOW GLOBAL TECHNOLOGIES INC	10/23/2006	2008123837		03/20/2011	2414479
		BROMINATED						
		BUTADIENE/VINYL AROMATIC COPOLYMERS, BLENDS OF SUCH COPOLYMERS WITH A VINYL AROMATIC POLYMER, AND POLYMERIC FOAMS FORMED FROM SUCH BLENDS	DOW GLOBAL TECHNOLOGIES INC	10/23/2006	06836467.8	1957544	01/20/2010	TR201001581B
64216A-US-PCT	United States Of America	BROMINATED						
		BUTADIENE/VINYL AROMATIC COPOLYMERS, BLENDS OF SUCH COPOLYMERS WITH A VINYL AROMATIC POLYMER, AND POLYMERIC FOAMS FORMED FROM SUCH BLENDS	DOW GLOBAL TECHNOLOGIES LLC	10/23/2006	12/091346	2008-0287559	12/14/2010	7851558
		POLYMERIC FIBER INSULATION BATTS FOR RESIDENTIAL AND COMMERCIAL CONSTRUCTION APPLICATIONS	DOW GLOBAL TECHNOLOGIES LLC	04/26/2007	2650454		04/15/2014	2650454
64378A-DE-EPT	Germany	POLYMERIC FIBER INSULATION BATTS FOR RESIDENTIAL AND COMMERCIAL CONSTRUCTION APPLICATIONS	DOW GLOBAL TECHNOLOGIES LLC	04/26/2007	07825078.4	2013394	09/25/2013	602007033058.0
		POLYMERIC FIBER INSULATION BATTS FOR RESIDENTIAL AND COMMERCIAL CONSTRUCTION APPLICATIONS	DOW GLOBAL TECHNOLOGIES LLC	04/26/2007	07825078.4	2013394	09/25/2013	602007033058.0
		POLYMERIC FIBER INSULATION BATTS FOR RESIDENTIAL AND COMMERCIAL CONSTRUCTION APPLICATIONS	DOW GLOBAL TECHNOLOGIES LLC	04/26/2007	07825078.4	2013394	09/25/2013	602007033058.0
64378A-EP-EPT	European Procedure (Patents)	POLYMERIC FIBER INSULATION BATTS FOR RESIDENTIAL AND COMMERCIAL CONSTRUCTION APPLICATIONS	DOW GLOBAL TECHNOLOGIES LLC	04/26/2007	07825078.4	2013394	09/25/2013	2013394
		POLYMERIC FIBER INSULATION BATTS FOR RESIDENTIAL AND COMMERCIAL CONSTRUCTION APPLICATIONS	DOW GLOBAL TECHNOLOGIES LLC	04/26/2007	07825078.4	2013394	09/25/2013	2013394
		POLYMERIC FIBER INSULATION BATTS FOR RESIDENTIAL AND COMMERCIAL CONSTRUCTION APPLICATIONS	DOW GLOBAL TECHNOLOGIES LLC	04/26/2007	07825078.4	2013394	09/25/2013	2013394

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64378A-FR-EPT	France	POLYMERIC FIBER INSULATION BATTS FOR RESIDENTIAL AND COMMERCIAL CONSTRUCTION APPLICATIONS	DOW GLOBAL TECHNOLOGIES LLC	04/26/2007	07825078.4	2013394	09/25/2013	2013394
64378A-GB-EPT	United Kingdom	POLYMERIC FIBER INSULATION BATTS FOR RESIDENTIAL AND COMMERCIAL CONSTRUCTION APPLICATIONS	DOW GLOBAL TECHNOLOGIES LLC	04/26/2007	07825078.4	2013394	09/25/2013	2013394
64378A-NZ-PCT	New Zealand	POLYMERIC FIBER INSULATION BATTS FOR RESIDENTIAL AND COMMERCIAL CONSTRUCTION APPLICATIONS	DOW GLOBAL TECHNOLOGIES INC	04/26/2007	572265		05/09/2011	572265
64378A-US-PCT	United States Of America	POLYMERIC FIBER INSULATION BATTS FOR RESIDENTIAL AND COMMERCIAL CONSTRUCTION APPLICATIONS	DOW GLOBAL TECHNOLOGIES LLC	04/26/2007	12/296331	2010-0275543	04/23/2013	8424262
64700A-CA-PCT	Canada	EXPANDED STYRENIC POLYMERS CONTAINING AROMATIC PHOSPHONATE FR ADDITIVES	DOW GLOBAL TECHNOLOGIES LLC	09/03/2008	2698602		05/17/2016	2698602
64700A-CN-PCT	China	EXPANDED STYRENIC POLYMERS CONTAINING AROMATIC PHOSPHONATE FR ADDITIVES	DOW GLOBAL TECHNOLOGIES INC	09/03/2008	200880106731.7	101802077	03/27/2013	200880106731.7
64700A-DE-EPT	Germany	EXPANDED STYRENIC POLYMERS CONTAINING AROMATIC PHOSPHONATE FR ADDITIVES	DOW GLOBAL TECHNOLOGIES LLC	09/03/2008	08799088.3	2190915	01/23/2013	602008021896.1
64700A-ES-EPT	Spain	EXPANDED STYRENIC POLYMERS CONTAINING AROMATIC PHOSPHONATE FR ADDITIVES	DOW GLOBAL TECHNOLOGIES LLC	09/03/2008	08799088.3	2190915	01/23/2013	2190915
64700A-FR-EPT	France	EXPANDED STYRENIC POLYMERS CONTAINING AROMATIC PHOSPHONATE FR ADDITIVES	DOW GLOBAL TECHNOLOGIES LLC	09/03/2008	08799088.3	2190915	01/23/2013	2190915

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
64700A-GB-EPT	United Kingdom	EXPANDED STYRENIC POLYMERS CONTAINING AROMATIC PHOSPHONATE FR ADDITIVES	DOW GLOBAL TECHNOLOGIES LLC	09/03/2008	08799088.3	2190915	01/23/2013	2190915
64700A-IN-PCT	India	EXPANDED STYRENIC POLYMERS CONTAINING AROMATIC PHOSPHONATE FR ADDITIVES	DOW GLOBAL TECHNOLOGIES LLC	09/03/2008	1436/CHE/NP/2010		06/05/2017	283902
64700A-IT-EPT	Italy	EXPANDED STYRENIC POLYMERS CONTAINING AROMATIC PHOSPHONATE FR ADDITIVES	DOW GLOBAL TECHNOLOGIES LLC	09/03/2008	08799088.3	2190915	01/23/2013	2190915
64700A-TR-EPT	Turkey	EXPANDED STYRENIC POLYMERS CONTAINING AROMATIC PHOSPHONATE FR ADDITIVES	DOW GLOBAL TECHNOLOGIES LLC	09/03/2008	08799088.3	2190915	01/23/2013	2190915
64835A-US-NP	United States Of America	STYRENE ACRYLONITRILE COPOLYMER FOAM WITH INFRARED ATTENUATING AGENTS	DOW GLOBAL TECHNOLOGIES LLC	10/15/2007	11/974656	2008-0139682	04/05/2011	7919538
64835B-CA-PCT	Canada	STYRENE ACRYLONITRILE COPOLYMER FOAM WITH INFRARED ATTENUATING AGENTS	DOW GLOBAL TECHNOLOGIES LLC	10/15/2007	2671153		07/22/2014	2671153
64835B-CN-PCT	China	STYRENE ACRYLONITRILE COPOLYMER FOAM WITH INFRARED ATTENUATING AGENTS	DOW GLOBAL TECHNOLOGIES INC	10/15/2007	200780044503.7	101547964	05/23/2012	200780044503.7
64835B-DE-EPT	Germany	STYRENE ACRYLONITRILE COPOLYMER FOAM WITH INFRARED ATTENUATING AGENTS	DOW GLOBAL TECHNOLOGIES LLC	10/15/2007	07839547.2	2099852	06/20/2012	602007023456.5
64835B-ES-EPT	Spain	STYRENE ACRYLONITRILE COPOLYMER FOAM WITH INFRARED ATTENUATING AGENTS	DOW GLOBAL TECHNOLOGIES LLC	10/15/2007	07839547.2	2099852	06/20/2012	2099852
64835B-FR-EPT	France	STYRENE ACRYLONITRILE COPOLYMER FOAM WITH INFRARED ATTENUATING AGENTS	DOW GLOBAL TECHNOLOGIES LLC	10/15/2007	07839547.2	2099852	06/20/2012	2099852
64835B-GB-EPT	United Kingdom	STYRENE ACRYLONITRILE COPOLYMER FOAM WITH INFRARED ATTENUATING AGENTS	DOW GLOBAL TECHNOLOGIES LLC	10/15/2007	07839547.2	2099852	06/20/2012	2099852

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PATENT NUMBER	COUNTRY	TITLE	OWNERS	ISSUING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	CO. INVT. NUMBER
64835B-GR-EPT	Greece	STYRENE ACRYLONITRILE COPOLYMER FOAM WITH INFRARED ATTENUATING AGENTS	DOW GLOBAL TECHNOLOGIES LLC	10/15/2007	07839547.2	2099852	06/20/2012	3078933
64835B-IT-EPT	Italy	STYRENE ACRYLONITRILE COPOLYMER FOAM WITH INFRARED ATTENUATING AGENTS	DOW GLOBAL TECHNOLOGIES LLC	10/15/2007	07839547.2	2099852	06/20/2012	2099852
64835B-TR-EPT	Turkey	STYRENE ACRYLONITRILE COPOLYMER FOAM WITH INFRARED ATTENUATING AGENTS	DOW GLOBAL TECHNOLOGIES LLC	10/15/2007	07839547.2	2099852	06/20/2012	2099852
64864B-CN-PCT	China	PROCESS FOR BROMINATING BUTADIENE/VINYL AROMATIC COPOLYMERS	DOW GLOBAL TECHNOLOGIES INC	08/14/2007	200780030209.0		07/13/2011	200780030209.0
64864B-EP-EPT	European Procedure (Patents)	PROCESS FOR BROMINATING BUTADIENE/VINYL AROMATIC COPOLYMERS	DOW GLOBAL TECHNOLOGIES LLC	08/14/2007	07836890.9	2054446		
64864B-IL-PCT	Israel	PROCESS FOR BROMINATING BUTADIENE/VINYL AROMATIC COPOLYMERS	DOW GLOBAL TECHNOLOGIES INC	08/14/2007	197019	197019	02/01/2014	197019
64864B-JP-PCT	Japan	PROCESS FOR BROMINATING BUTADIENE/VINYL AROMATIC COPOLYMERS	DOW GLOBAL TECHNOLOGIES LLC	08/14/2007	2009-524677	2010-514843	05/09/2014	5536452
64864B-US-PCT	United States Of America	PROCESS FOR BROMINATING BUTADIENE/VINYL AROMATIC COPOLYMERS	DOW GLOBAL TECHNOLOGIES LLC	08/14/2007	12/375656	2009-0292079	02/14/2012	8114943
64874B-CN-PCT	China	PROCESS FOR BROMINATING BUTADIENE/VINYL AROMATIC COPOLYMERS	DOW GLOBAL TECHNOLOGIES INC	08/14/2007	200780030191.4		08/08/2012	200780030191.4
64874B-DE-EPT	Germany	PROCESS FOR BROMINATING BUTADIENE/VINYL AROMATIC COPOLYMERS	DOW GLOBAL TECHNOLOGIES LLC	08/15/2007	07836889.1	2054445	06/18/2014	602007037246.1
64874B-FR-EPT	France	PROCESS FOR BROMINATING BUTADIENE/VINYL AROMATIC COPOLYMERS	DOW GLOBAL TECHNOLOGIES LLC	08/15/2007	07836889.1	2054445	06/18/2014	2054445
64874B-GB-EPT	United Kingdom	PROCESS FOR BROMINATING BUTADIENE/VINYL AROMATIC COPOLYMERS	DOW GLOBAL TECHNOLOGIES LLC	08/15/2007	07836889.1	2054445	06/18/2014	602007037246.1
64874B-IL-PCT	Israel	PROCESS FOR BROMINATING BUTADIENE/VINYL AROMATIC COPOLYMERS	DOW GLOBAL TECHNOLOGIES INC	08/14/2007	197018	197018	05/04/2013	197018
64874B-JP-PCT	Japan	PROCESS FOR BROMINATING BUTADIENE/VINYL AROMATIC COPOLYMERS	DOW GLOBAL TECHNOLOGIES LLC	08/14/2007	2009-524676		05/09/2014	5536451

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PATENT NUMBER	INVENTOR	TITLE	OWNER	PENDING DATE	APP. NUMBER	PIF# NUMBER	GRANT NUMBER
64874B-NL-EPT	Netherlands	PROCESS FOR BROMINATING BUTADIENE/VINYL AROMATIC COPOLYMERS	DOW GLOBAL TECHNOLOGIES LLC	08/15/2007	07836889.1	2054445	2054445
64874B-US-PCT	United States Of America	PROCESS FOR BROMINATING BUTADIENE/VINYL AROMATIC COPOLYMERS	DOW GLOBAL TECHNOLOGIES LLC	08/14/2007	12/375679		8202945
64942A-CA-PCT	Canada	PHOSPHORUS-SULFUR FR ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME	DOW GLOBAL TECHNOLOGIES LLC	12/05/2007	2673524		2673524
64942A-CN-PCT	China	PHOSPHORUS-SULFUR FR SYSTEMS CONTAINING SAME	TECHNOLOGIES INC	12/05/2007	200780051671.9	101611085	200780051671.9
64942A-DE-ETD	Germany	PHOSPHORUS-SULFUR FR ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME	DOW GLOBAL TECHNOLOGIES LLC	12/05/2007	12152924.2	2514788	602007049736.1
64942A-ES-ETD	Spain	PHOSPHORUS-SULFUR FR ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME	DOW GLOBAL TECHNOLOGIES LLC	12/05/2007	12152924.2	2514788	2514788
64942A-FR-ETD	France	PHOSPHORUS-SULFUR FR ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME	DOW GLOBAL TECHNOLOGIES LLC	12/05/2007	12152924.2	2514788	2514788
64942A-GB-ETD	United Kingdom	PHOSPHORUS-SULFUR FR ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME	TECHNOLOGIES LLC	12/05/2007	12152924.2	2514788	2514788
64942A-IT-ETD	Italy	PHOSPHORUS-SULFUR FR ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME	TECHNOLOGIES LLC	12/05/2007	12152924.2	2514788	502017000045446
64942A-JP-PCT	Japan	PHOSPHORUS-SULFUR FR ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME	TECHNOLOGIES LLC	12/05/2007	2009-542785	2010-513662	5221559
64942A-NL-ETD	Netherlands	PHOSPHORUS-SULFUR FR ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME	DOW GLOBAL TECHNOLOGIES LLC	12/05/2007	12152924.2	2514788	2514788
64942B-US-CNT	United States Of America	PHOSPHORUS-SULFUR FR ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME	DOW GLOBAL TECHNOLOGIES LLC	10/18/2010	12/906203		8058332
65356A-US-NP	United States Of America	METHOD OF FORMING EXTRUDED POLYSTYRENE FOAMS AND THE PRODUCTS MADE THEREFROM	DOW GLOBAL TECHNOLOGIES LLC	08/26/2008	12/198322	2009-0062410	8092727
65356B-CA-PCT	Canada	IMPROVED METHOD OF FORMING EXTRUDED POLYSTYRENE FOAMS AND THE PRODUCTS MADE THEREFROM	DOW GLOBAL TECHNOLOGIES LLC	08/26/2008	2697095	2697095	2697095

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653568-CN-PCT	China	IMPROVED METHOD OF FORMING EXTRUDED POLYSTYRENE FOAMS AND THE PRODUCTS MADE THEREFROM IMPROVED METHOD OF FORMING EXTRUDED POLYSTYRENE FOAMS AND THE PRODUCTS MADE THEREFROM	DOW GLOBAL TECHNOLOGIES INC	08/26/2008	200880104923.4	101795842	03/06/2013 200880104923.4
653568-EP-EPT	European Procedure (Patents)	IMPROVED METHOD OF FORMING EXTRUDED POLYSTYRENE FOAMS AND THE PRODUCTS MADE THEREFROM	DOW GLOBAL TECHNOLOGIES LLC	08/26/2008	08828401.3	2185334	
653568-JP-PCT	Japan	IMPROVED METHOD OF FORMING EXTRUDED POLYSTYRENE FOAMS AND THE PRODUCTS MADE THEREFROM	DOW GLOBAL TECHNOLOGIES LLC	08/26/2008	2010-523090	2010-538124	06/20/2014 5563458
65374A-CA-PCT	Canada	ALKENYL AROMATIC FOAM WITH LOW SOLUBILITY HYDROFLUOROCARBON	DOW GLOBAL TECHNOLOGIES LLC	03/13/2008	2681769		05/24/2016 2681769
65374A-US-PCT	United States Of America	ALKENYL AROMATIC FOAM WITH LOW SOLUBILITY HYDROFLUOROCARBON	DOW GLOBAL TECHNOLOGIES LLC	03/13/2008	12531518	2010-0099783	07/22/2014 8785510
65377A-CA-PCT	Canada	LARGE CELL SIZE AND HIGH FILLER CONTENT	DOW GLOBAL TECHNOLOGIES LLC	06/12/2008	2692981		11/24/2015 2692981
65377A-CN-PCT	China	LARGE CELL SIZE AND HIGH FILLER CONTENT	DOW GLOBAL TECHNOLOGIES INC	06/12/2008	200880023211.X	101688013	12/28/2011 200880023211.X
65377A-DE-EPT	Germany	LARGE CELL SIZE AND HIGH FILLER CONTENT	DOW GLOBAL TECHNOLOGIES LLC	06/12/2008	08770762.6	2173796	03/21/2012 602008014297.3
65377A-ES-EPT	Spain	CLOSED-CELL FOAM WITH LARGE CELL SIZE AND HIGH FILLER CONTENT	DOW GLOBAL TECHNOLOGIES LLC	06/12/2008	08770762.6	2173796	03/21/2012 2173796
65377A-FR-EPT	France	CLOSED-CELL FOAM WITH LARGE CELL SIZE AND HIGH FILLER CONTENT	DOW GLOBAL TECHNOLOGIES LLC	06/12/2008	08770762.6	2173796	03/21/2012 2173796
65377A-GB-EPT	United Kingdom	CLOSED-CELL FOAM WITH LARGE CELL SIZE AND HIGH FILLER CONTENT	DOW GLOBAL TECHNOLOGIES LLC	06/12/2008	08770762.6	2173796	03/21/2012 2173796
65377A-IT-EPT	Italy	LARGE CELL SIZE AND HIGH FILLER CONTENT	DOW GLOBAL TECHNOLOGIES LLC	06/12/2008	08770762.6	2173796	03/21/2012 2173796
65377A-JP-PCT	Japan	CLOSED-CELL FOAM WITH LARGE CELL SIZE AND HIGH FILLER CONTENT	DOW GLOBAL TECHNOLOGIES LLC	06/12/2008	2010-514947	2010-532412	02/28/2014 5485882

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65377A-TR-EPT	Turkey	CLOSED-CELL FOAM WITH LARGE CELL SIZE AND HIGH FILLER CONTENT	DOW GLOBAL TECHNOLOGIES LLC	06/12/2008	08770762.6	2173796	03/21/2012	2173796
65566A-CA-PCT	Canada	ALKENYL AROMATIC POLYMER FOAM COMPRISING FLUORINATED ALKENE BLOWING AGENTS	DOW GLOBAL TECHNOLOGIES LLC	03/10/2008	2682076		05/26/2015	2682076
65566A-CN-PCT	China	ALKENYL AROMATIC POLYMER FOAM COMPRISING FLUORINATED ALKENE BLOWING AGENTS	DOW GLOBAL TECHNOLOGIES INC	03/10/2008	200880009676.X	101646724	06/20/2012	200880009676.X
65566A-DE-EPT	Germany	ALKENYL AROMATIC POLYMER FOAM COMPRISING FLUORINATED ALKENE BLOWING AGENTS	DOW GLOBAL TECHNOLOGIES LLC	03/10/2008	08731812.7	2132257	10/25/2017	602008052642.9
65566A-EP-EPT	European Procedure (Patents)	ALKENYL AROMATIC POLYMER FOAM COMPRISING FLUORINATED ALKENE BLOWING AGENTS	DOW GLOBAL TECHNOLOGIES LLC	03/10/2008	08731812.7	2132257	10/25/2017	2132257
65566A-EP-ETD	European Procedure (Patents)	ALKENYL AROMATIC POLYMER FOAM COMPRISING FLUORINATED ALKENE BLOWING AGENTS	DOW GLOBAL TECHNOLOGIES LLC	08/22/2016	16186006.9	3135719		
65566A-ES-EPT	Spain	ALKENYL AROMATIC POLYMER FOAM COMPRISING FLUORINATED ALKENE BLOWING AGENTS	DOW GLOBAL TECHNOLOGIES LLC	03/10/2008	08731812.7	2132257	10/25/2017	2132257
65566A-FR-EPT	France	ALKENYL AROMATIC POLYMER FOAM COMPRISING FLUORINATED ALKENE BLOWING AGENTS	DOW GLOBAL TECHNOLOGIES LLC	03/10/2008	08731812.7	2132257	10/25/2017	2132257
65566A-GB-EPT	United Kingdom	ALKENYL AROMATIC POLYMER FOAM COMPRISING FLUORINATED ALKENE BLOWING AGENTS	DOW GLOBAL TECHNOLOGIES LLC	03/10/2008	08731812.7	2132257	10/25/2017	2132257
65566A-GR-EPT	Greece	ALKENYL AROMATIC POLYMER FOAM COMPRISING FLUORINATED ALKENE BLOWING AGENTS	DOW GLOBAL TECHNOLOGIES LLC	03/10/2008	08731812.7	2132257	10/25/2017	2132257
65566A-IT-EPT	Italy	ALKENYL AROMATIC POLYMER FOAM COMPRISING FLUORINATED ALKENE BLOWING AGENTS	DOW GLOBAL TECHNOLOGIES LLC	03/10/2008	08731812.7	2132257	10/25/2017	502018000002495
65566A-JP-PCT	Japan	ALKENYL AROMATIC POLYMER FOAM COMPRISING FLUORINATED ALKENE BLOWING AGENTS	DOW GLOBAL TECHNOLOGIES LLC	03/10/2008	2010-501049	2010-522808	08/08/2014	5592249

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Patent No.	Country	Title	Inventor	App. No.	Pub. No.	Pub. Date	Grant No.
65566A-NL-EPT	Netherlands	ALKENYL AROMATIC POLYMER FOAM COMPRISING FLUORINATED ALKENE BLOWING AGENTS	DOW GLOBAL TECHNOLOGIES LLC	03/10/2008	08731812.7	2132257	2132257
65566A-TR-EPT	Turkey	ALKENYL AROMATIC POLYMER FOAM COMPRISING FLUORINATED ALKENE BLOWING AGENTS	DOW GLOBAL TECHNOLOGIES LLC	03/10/2008	08731812.7	2132257	2132257
65566A-US-PCT	United States Of America	QUALITY POLYMER FOAM FLUORINATED ALKENE BLOWING AGENTS	DOW GLOBAL TECHNOLOGIES LLC	03/10/2008	12/527131	2010-0087555	8198340
65982A-CN-PCT	China	PROCESS FOR RECOVERING BROMINATED BUTADIENE POLYMERS FROM SOLUTION	DOW GLOBAL TECHNOLOGIES INC	06/19/2008	200880023111.7	101754983	200880023111.7
65982A-DE-EPT	Germany	PROCESS FOR RECOVERING BROMINATED BUTADIENE POLYMERS FROM SOLUTION	DOW GLOBAL TECHNOLOGIES LLC	06/19/2008	08771516.5	2170962	602008015692.3
65982A-FR-EPT	France	BROMINATED BUTADIENE POLYMERS FROM SOLUTION PROCESS FOR RECOVERING	DOW GLOBAL TECHNOLOGIES LLC	06/19/2008	08771516.5	2170962	2170962
65982A-GB-EPT	United Kingdom	BROMINATED BUTADIENE POLYMERS FROM SOLUTION PROCESS FOR RECOVERING	DOW GLOBAL TECHNOLOGIES LLC	06/19/2008	08771516.5	2170962	2170962
65982A-IL-PCT	Israel	BROMINATED BUTADIENE POLYMERS FROM SOLUTION PROCESS FOR RECOVERING	DOW GLOBAL TECHNOLOGIES INC	06/19/2008	202987	202987	202987
65982A-IN-PCT	India	BROMINATED BUTADIENE POLYMERS FROM SOLUTION PROCESS FOR RECOVERING	DOW GLOBAL TECHNOLOGIES LLC	06/19/2008	13/CHENP/2010	07/28/2017	285823
65982A-NL-EPT	Netherlands	BROMINATED BUTADIENE POLYMERS FROM SOLUTION PROCESS FOR RECOVERING	DOW GLOBAL TECHNOLOGIES LLC	06/19/2008	08771516.5	2170962	2170962
65982A-US-NP	United States Of America	BROMINATED BUTADIENE POLYMERS FROM SOLUTION EXTRUDED POLYMER FOAMS	DOW GLOBAL TECHNOLOGIES LLC	06/26/2008	12/146636	11/15/2011	8058389
66074A-CA-PCT	Canada	CONTAINING BROMINATED FATTY ACID-BASED FLAME RETARDANT ADDITIVES	DOW GLOBAL TECHNOLOGIES LLC	10/08/2008	2703941	11/08/2016	2703941
66074A-CN-PCT	China	CONTAINING BROMINATED FATTY ACID-BASED FLAME RETARDANT ADDITIVES	DOW GLOBAL TECHNOLOGIES INC	10/08/2008	200880113952.7	101842424	200880113952.7
66074A-DE-EPT	Germany	EXTRUDED POLYMER FOAMS CONTAINING BROMINATED FATTY ACID-BASED FLAME RETARDANT ADDITIVES	DOW GLOBAL TECHNOLOGIES INC	10/08/2008	08845889.8	2207841	602008009872.9

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PATENT NUMBER	CO-PATENT	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
66074A-FR-EPT	France	EXTRUDED POLYMER FOAMS CONTAINING BROMINATED FATTY ACID-BASED FLAME RETARDANT ADDITIVES	DOW GLOBAL TECHNOLOGIES INC	10/08/2008	08845889.8	2207841	09/14/2011	2207841
66074A-GB-EPT	United Kingdom	EXTRUDED POLYMER FOAMS CONTAINING BROMINATED FATTY ACID-BASED FLAME RETARDANT ADDITIVES	DOW GLOBAL TECHNOLOGIES INC	10/08/2008	08845889.8	2207841	09/14/2011	2207841
66074A-JP-PCT	Japan	EXTRUDED POLYMER FOAMS CONTAINING BROMINATED FATTY ACID-BASED FLAME RETARDANT ADDITIVES	DOW GLOBAL TECHNOLOGIES LLC	10/08/2008	2010-532112		01/10/2014	5449177
66074A-TR-EPT	Turkey	EXTRUDED POLYMER FOAMS CONTAINING BROMINATED FATTY ACID-BASED FLAME RETARDANT ADDITIVES	DOW GLOBAL TECHNOLOGIES INC	10/08/2008	08845889.8	2207841	09/14/2011	TR201110039
66074B-US-DIV	United States Of America	FATTY ACID-BASED FLAME RETARDANT ADDITIVES	DOW GLOBAL TECHNOLOGIES LLC	11/30/2011	13/307728		12/04/2012	8324288
66308A-CN-PCT	China	PARTIAL SOLVENT STRIPPING PROCESS FOR RECOVERING BROMINATED BUTADIENE POLYMERS FROM SOLUTION	DOW GLOBAL TECHNOLOGIES INC	10/16/2008	200880115024.4	101848942	04/18/2012	200880115024.4
66308A-DE-EPT	Germany	PARTIAL SOLVENT STRIPPING PROCESS FOR RECOVERING BROMINATED BUTADIENE POLYMERS FROM SOLUTION	DOW GLOBAL TECHNOLOGIES LLC	10/16/2008	08848178.3	2207812	11/23/2011	602008011606.9
66308A-FR-EPT	France	PARTIAL SOLVENT STRIPPING PROCESS FOR RECOVERING BROMINATED BUTADIENE POLYMERS FROM SOLUTION	DOW GLOBAL TECHNOLOGIES LLC	10/16/2008	08848178.3	2207812	11/23/2011	2207812
66308A-GB-EPT	United Kingdom	PARTIAL SOLVENT STRIPPING PROCESS FOR RECOVERING BROMINATED BUTADIENE POLYMERS FROM SOLUTION	DOW GLOBAL TECHNOLOGIES LLC	10/16/2008	08848178.3	2207812	11/23/2011	2207812
66308A-IL-PCT	Israel	PARTIAL SOLVENT STRIPPING PROCESS FOR RECOVERING BROMINATED BUTADIENE POLYMERS FROM SOLUTION	DOW GLOBAL TECHNOLOGIES INC	10/16/2008	205533	205533	03/01/2014	205533
66308A-IN-PCT	India	PARTIAL SOLVENT STRIPPING PROCESS FOR RECOVERING BROMINATED BUTADIENE POLYMERS FROM SOLUTION	DOW GLOBAL TECHNOLOGIES INC	10/16/2008	2683/CHENP/2010		09/21/2016	275776

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	Pub. NUMBER	GRANT DATE	GRANT NUMBER
66308A-NL-EPT	Netherlands	PARTIAL SOLVENT STRIPPING PROCESS FOR RECOVERING BROMINATED BUTADIENE POLYMERS FROM SOLUTION PARTIAL SOLVENT STRIPPING PROCESS FOR RECOVERING BROMINATED BUTADIENE POLYMERS FROM SOLUTION	DOW GLOBAL TECHNOLOGIES LLC	10/16/2008	08848178.3	2207812	11/23/2011	2207812
66308B-US-NP	United States Of America	BROMINATED BUTADIENE POLYMERS FROM SOLUTION	DOW GLOBAL TECHNOLOGIES LLC	10/24/2008	12/25/761		03/09/2010	7674862
66379A-CA-PCT	Canada	POSITIVE SKEW STYRENE-ACRYLONITRILE COPOLYMER FOAM	DOW GLOBAL TECHNOLOGIES LLC	03/30/2009	2721103	2721103	11/24/2015	2721103
66379A-CN-PCT	China	ACRYLONITRILE COPOLYMER FOAM	DOW GLOBAL TECHNOLOGIES INC	03/30/2009	200980114383.2	102015853	05/08/2013	200980114383.2
66379A-DE-EPT	Germany	POSITIVE SKEW STYRENE-ACRYLONITRILE COPOLYMER FOAM	DOW GLOBAL TECHNOLOGIES LLC	03/30/2009	09735537.4	2268723	06/05/2013	602009016255.5
66379A-ES-EPT	Spain	ACRYLONITRILE COPOLYMER FOAM	DOW GLOBAL TECHNOLOGIES LLC	03/30/2009	09735537.4	2268723	06/05/2013	2268723
66379A-FR-EPT	France	POSITIVE SKEW STYRENE-ACRYLONITRILE COPOLYMER FOAM	DOW GLOBAL TECHNOLOGIES LLC	03/30/2009	09735537.4	2268723	06/05/2013	2268723
66379A-GB-EPT	United Kingdom	ACRYLONITRILE COPOLYMER FOAM	DOW GLOBAL TECHNOLOGIES LLC	03/30/2009	09735537.4	2268723	06/05/2013	2268723
66379A-GR-EPT	Greece	POSITIVE SKEW STYRENE-ACRYLONITRILE COPOLYMER FOAM	DOW GLOBAL TECHNOLOGIES LLC	03/30/2009	09735537.4	2268723	06/05/2013	3081465
66379A-IT-EPT	Italy	ACRYLONITRILE COPOLYMER FOAM	DOW GLOBAL TECHNOLOGIES LLC	03/30/2009	09735537.4	2268723	06/05/2013	2268723
66379A-JP-PCT	Japan	POSITIVE SKEW STYRENE-ACRYLONITRILE COPOLYMER FOAM	DOW GLOBAL TECHNOLOGIES LLC	03/30/2009	2011-506332	2011-518917	07/11/2014	5576339
66379A-TR-EPT	Turkey	ACRYLONITRILE COPOLYMER FOAM	DOW GLOBAL TECHNOLOGIES LLC	03/30/2009	09735537.4	2268723	06/05/2013	2268723
66379A-US-PCT	United States Of America	POSITIVE SKEW STYRENE-ACRYLONITRILE COPOLYMER FOAM	DOW GLOBAL TECHNOLOGIES LLC	03/30/2009	12/933173	2011-0028577	12/04/2012	8324287
66425A-CA-PCD	Canada	BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME	DOW GLOBAL TECHNOLOGIES LLC	09/02/2015	2903441		07/05/2016	2903441

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PATENT NUMBER	CO-PATENT	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
		BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME						
66425A-CA-PCT	Canada	BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS	DOW GLOBAL TECHNOLOGIES LLC	01/30/2009	2715442		05/17/2016	2715442
66425A-CN-PCD	China	BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS	DOW GLOBAL TECHNOLOGIES INC	08/31/2012	201210320008.7	102936382	02/18/2015	201210320008.7
66425A-CN-PCD[2]	China	BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS	DOW GLOBAL TECHNOLOGIES INC	08/31/2012	201210320132.3	102936383	07/30/2014	201210320132.3
66425A-CN-PCD[3]	China	BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS	DOW GLOBAL TECHNOLOGIES INC	08/31/2012	201210320007.2		01/21/2015	201210320007.2
66425A-CN-PCT	China	BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS	DOW GLOBAL TECHNOLOGIES INC	01/30/2009	200980106287.3	101959954	03/27/2013	200980106287.3
66425A-DE-EPD	Germany	BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS	DOW GLOBAL TECHNOLOGIES LLC	10/20/2011	11185884.1	2410015	09/18/2013	602009018990.5
66425A-DE-EPT	Germany	BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS	DOW GLOBAL TECHNOLOGIES LLC	01/30/2009	09714653.4	2247664	06/06/2012	602009007483.0
66425A-DE-ETD[2]	Germany	BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS	DOW GLOBAL TECHNOLOGIES LLC	10/20/2011	11185886.6	2410016	09/11/2013	602009018814.3
66425A-DE-ETD[3]	Germany	BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS	DOW GLOBAL TECHNOLOGIES LLC	10/20/2011	11185887.4	2410014	09/04/2013	602009018646.9
66425A-ES-EPD	Spain	BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS	DOW GLOBAL TECHNOLOGIES LLC	10/20/2011	11185884.1	2410015	09/18/2013	2410015
66425A-ES-EPT	Spain	BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS	DOW GLOBAL TECHNOLOGIES LLC	01/30/2009	09714653.4	2247664	06/06/2012	2247664

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PATENT NUMBER	CO-PATENT	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
66425A-ES-ETD[2]	Spain	BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME	DOW GLOBAL TECHNOLOGIES LLC	10/20/2011	11185886.6	2410016	09/11/2013	2410016
66425A-ES-ETD[3]	Spain	BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME	DOW GLOBAL TECHNOLOGIES LLC	10/20/2011	11185887.4	2410014	09/04/2013	2410014
66425A-FR-EPD	France	BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME	DOW GLOBAL TECHNOLOGIES LLC	10/20/2011	11185884.1	2410015	09/18/2013	2410015
66425A-FR-EPT	France	BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME	DOW GLOBAL TECHNOLOGIES LLC	01/30/2009	09714653.4	2247664	06/06/2012	2247664
66425A-FR-ETD[2]	France	BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME	DOW GLOBAL TECHNOLOGIES LLC	10/20/2011	11185886.6	2410016	09/11/2013	2410016
66425A-FR-ETD[3]	France	BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME	DOW GLOBAL TECHNOLOGIES LLC	10/20/2011	11185887.4	2410014	09/04/2013	2410014
66425A-GB-EPD	United Kingdom	BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME	DOW GLOBAL TECHNOLOGIES LLC	10/20/2011	11185884.1	2410015	09/18/2013	2410015
66425A-GB-EPT	United Kingdom	BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME	DOW GLOBAL TECHNOLOGIES LLC	01/30/2009	09714653.4	2247664	06/06/2012	2247664
66425A-GB-ETD[2]	United Kingdom	BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME	DOW GLOBAL TECHNOLOGIES LLC	10/20/2011	11185886.6	2410016	09/11/2013	2410016
66425A-GB-ETD[3]	United Kingdom	BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME	DOW GLOBAL TECHNOLOGIES LLC	10/20/2011	11185887.4	2410014	09/04/2013	2410014
66425A-GR-EPD	Greece	BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME	DOW GLOBAL TECHNOLOGIES LLC	10/20/2011	11185884.1	2410015	09/18/2013	3082291

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT NUMBER
66425A-GR-EPT	Greece	BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME	DOW GLOBAL TECHNOLOGIES LLC	01/30/2009	09714653.4	2247664	2247664
66425A-GR-ETD[2]	Greece	BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME	DOW GLOBAL TECHNOLOGIES LLC	10/20/2011	11185886.6	2410016	3082181
66425A-GR-ETD[3]	Greece	BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME	DOW GLOBAL TECHNOLOGIES LLC	10/20/2011	11185887.4	2410014	3082187
66425A-IN-PCT	India	BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME	DOW GLOBAL TECHNOLOGIES LLC	01/30/2009	5254/CHENP/2010		287698
66425A-IT-EPT	Italy	BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME	DOW GLOBAL TECHNOLOGIES LLC	10/20/2011	11185884.1	2410015	2410015
66425A-IT-EPT	Italy	BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME	DOW GLOBAL TECHNOLOGIES LLC	01/30/2009	09714653.4	2247664	2247664
66425A-IT-ETD[2]	Italy	BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME	DOW GLOBAL TECHNOLOGIES LLC	10/20/2011	11185886.6	2410016	2410016
66425A-IT-ETD[3]	Italy	BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME	DOW GLOBAL TECHNOLOGIES LLC	10/20/2011	11185887.4	2410014	2410014
66425A-JP-PCT	Japan	BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME	DOW GLOBAL TECHNOLOGIES LLC	01/30/2009	2010-548777	2011-513537	5243559
66425A-JP-PCTD[3]	Japan	BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME	DOW GLOBAL TECHNOLOGIES LLC	01/31/2013	2013-016450		5775103
66425A-TR-EPT	Turkey	BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME	DOW GLOBAL TECHNOLOGIES LLC	10/20/2011	11185884.1	2410015	2410015

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
66425A-TR-EPT	Turkey	BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME	DOW GLOBAL TECHNOLOGIES LLC	01/30/2009	09714653.4	2247664	06/06/2012	2247664
66425A-TR-ETD[2]	Turkey	BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME	DOW GLOBAL TECHNOLOGIES LLC	10/20/2011	11185886.6	2410016	09/11/2013	2410016
66425A-TR-ETD[3]	Turkey	BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME	DOW GLOBAL TECHNOLOGIES LLC	10/20/2011	11185887.4	2410014	09/04/2013	2410014
66425A-US-PCT	United States Of America	BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME	DOW GLOBAL TECHNOLOGIES LLC	01/30/2009	12/866848		08/14/2012	8242183
66426B-CA-PCT	Canada	PRODUCING A LOW DENSITY FOAM BLEND OF STYRENIC POLYMER AND POLYOLEFIN	DOW GLOBAL TECHNOLOGIES LLC	12/15/2008	2714210		05/17/2016	2714210
66426B-CN-PCT	China	ARTICLE AND METHOD OF PRODUCING A LOW DENSITY FOAM BLEND OF STYRENIC POLYMER AND POLYOLEFIN	DOW GLOBAL TECHNOLOGIES INC	12/15/2008	200880125458.2	101925643	03/06/2013	200880125458.2
66426B-DE-EPT	Germany	ARTICLE AND METHOD OF PRODUCING A LOW DENSITY FOAM BLEND OF STYRENIC POLYMER AND POLYOLEFIN	DOW GLOBAL TECHNOLOGIES LLC	12/15/2008	08872107.1	2240539	01/22/2014	602008030151.6
66426B-ES-EPT	Spain	ARTICLE AND METHOD OF PRODUCING A LOW DENSITY FOAM BLEND OF STYRENIC POLYMER AND POLYOLEFIN	DOW GLOBAL TECHNOLOGIES LLC	12/15/2008	08872107.1	2240539	01/22/2014	2240539
66426B-FR-EPT	France	ARTICLE AND METHOD OF PRODUCING A LOW DENSITY FOAM BLEND OF STYRENIC POLYMER AND POLYOLEFIN	DOW GLOBAL TECHNOLOGIES LLC	12/15/2008	08872107.1	2240539	01/22/2014	2240539
66426B-GB-EPT	United Kingdom	ARTICLE AND METHOD OF PRODUCING A LOW DENSITY FOAM BLEND OF STYRENIC POLYMER AND POLYOLEFIN	DOW GLOBAL TECHNOLOGIES LLC	12/15/2008	08872107.1	2240539	01/22/2014	2240539
66426B-IT-EPT	Italy	ARTICLE AND METHOD OF PRODUCING A LOW DENSITY FOAM BLEND OF STYRENIC POLYMER AND POLYOLEFIN	DOW GLOBAL TECHNOLOGIES LLC	12/15/2008	08872107.1	2240539	01/22/2014	2240539

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Patent Number	Country	Title	Inventor	Filing Date	App. Number	Pub. Number	Grant Number
664268-JP-PCT	Japan	ARTICLE AND METHOD OF PRODUCING A LOW DENSITY FOAM BLEND OF STYRENIC POLYMER AND POLYOLEFIN ARTICLE AND METHOD OF PRODUCING A LOW DENSITY FOAM BLEND OF STYRENIC POLYMER AND POLYOLEFIN	DOW GLOBAL TECHNOLOGIES LLC	12/15/2008	2010-545857		5632293
664268-TR-EPT	Turkey	PROCESS FOR FORMING AND DEVOLATILIZING BROMINATED POLYBUTADIENE POLYMER PARTICLES	DOW GLOBAL TECHNOLOGIES LLC	12/15/2008	08872107.1	2240539	2240539
66742-DE-EPT	Germany	PROCESS FOR FORMING AND DEVOLATILIZING BROMINATED POLYBUTADIENE POLYMER PARTICLES	DOW GLOBAL TECHNOLOGIES LLC	08/18/2009	09791609.2		602009009897.7
66742-FR-EPT	France	PROCESS FOR FORMING AND DEVOLATILIZING BROMINATED POLYBUTADIENE POLYMER PARTICLES	DOW GLOBAL TECHNOLOGIES LLC	08/18/2009	09791609.2		2315795
66742-GB-EPT	United Kingdom	PROCESS FOR FORMING AND DEVOLATILIZING BROMINATED POLYBUTADIENE POLYMER PARTICLES	DOW GLOBAL TECHNOLOGIES LLC	08/18/2009	09791609.2		2315795
66742-IL-PCT	Israel	PROCESS FOR FORMING AND DEVOLATILIZING BROMINATED POLYBUTADIENE POLYMER PARTICLES	DOW GLOBAL TECHNOLOGIES LLC	08/18/2009	211220	211220	211220
66742-IN-PCT	India	PROCESS FOR FORMING AND DEVOLATILIZING BROMINATED POLYBUTADIENE POLYMER PARTICLES	DOW GLOBAL TECHNOLOGIES LLC	08/18/2009	1102/CHE/MP/2011	1102/CHE/MP/2011	289485
66742-JP-PCT	Japan	PROCESS FOR FORMING AND DEVOLATILIZING BROMINATED POLYBUTADIENE POLYMER PARTICLES	DOW GLOBAL TECHNOLOGIES LLC	08/18/2009	2011-523928	2012-500324	5628810
66742-US-PCT	United States Of America	PROCESS FOR FORMING AND DEVOLATILIZING BROMINATED POLYBUTADIENE POLYMER PARTICLES	DOW GLOBAL TECHNOLOGIES LLC	08/18/2009	13/057251		8883253
66947A-CN-PCT	China	BUTADIENE COPOLYMERS BY THE ADDITION OF WATER OR CERTAIN SOL VENTS	DOW GLOBAL TECHNOLOGIES INC	02/25/2009	200980107836.9	101959901	200980107836.9

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PATENT NUMBER	COUNTRY	TITLE	OWNER	PENDING DATE	APP. NUMBER	PRI. NUMBER	GRANT. DATE	GRANT. NUMBER
66947A-DE-EPT	Germany	PROCESS FOR BROMINATING BUTADIENE COPOLYMERS BY THE ADDITION OF WATER OR CERTAIN SOL VENTS PROCESS FOR BROMINATING BUTADIENE COPOLYMERS BY THE ADDITION OF WATER OR CERTAIN SOL VENTS	DOW GLOBAL TECHNOLOGIES LLC	02/25/2009	09747028.0	2269342	04/09/2014	602009023128.6
66947A-FR-EPT	France	PROCESS FOR BROMINATING BUTADIENE COPOLYMERS BY THE ADDITION OF WATER OR CERTAIN SOL VENTS	DOW GLOBAL TECHNOLOGIES LLC	02/25/2009	09747028.0	2269342	04/09/2014	2269342
66947A-GB-EPT	United Kingdom	PROCESS FOR BROMINATING BUTADIENE COPOLYMERS BY THE ADDITION OF WATER OR CERTAIN SOL VENTS PROCESS FOR BROMINATING BUTADIENE COPOLYMERS BY THE ADDITION OF WATER OR CERTAIN SOL VENTS	DOW GLOBAL TECHNOLOGIES LLC	02/25/2009	09747028.0	2269342	04/09/2014	2269342
66947A-IL-PCT	Israel	PROCESS FOR BROMINATING BUTADIENE COPOLYMERS BY THE ADDITION OF WATER OR CERTAIN SOL VENTS	DOW GLOBAL TECHNOLOGIES INC	02/25/2009	207907	207907	02/01/2014	207907
66947A-IN-PCT	India	PROCESS FOR BROMINATING BUTADIENE COPOLYMERS BY THE ADDITION OF WATER OR CERTAIN SOL VENTS PROCESS FOR BROMINATING BUTADIENE COPOLYMERS BY THE ADDITION OF WATER OR CERTAIN SOL VENTS	DOW GLOBAL TECHNOLOGIES LLC	02/25/2009	5492/CHENP/2010		11/09/2017	289388
66947A-JP-PCD	Japan	PROCESS FOR BROMINATING BUTADIENE COPOLYMERS BY THE ADDITION OF WATER OR CERTAIN SOL VENTS	DOW GLOBAL TECHNOLOGIES LLC	05/16/2014	2014-102471	2014-141690	08/07/2015	5789031
66947A-JP-PCT	Japan	PROCESS FOR BROMINATING BUTADIENE COPOLYMERS BY THE ADDITION OF WATER OR CERTAIN SOL VENTS PROCESS FOR BROMINATING BUTADIENE COPOLYMERS BY THE ADDITION OF WATER OR CERTAIN SOL VENTS	DOW GLOBAL TECHNOLOGIES LLC	02/25/2009	2010-549727	2011-528380		
66947A-NL-EPT	Netherlands	PROCESS FOR BROMINATING BUTADIENE COPOLYMERS BY THE ADDITION OF WATER OR CERTAIN SOL VENTS	DOW GLOBAL TECHNOLOGIES LLC	02/25/2009	09747028.0	2269342	04/09/2014	2269342
66947A-US-PCT	United States Of America	PROCESS FOR BROMINATING BUTADIENE COPOLYMERS BY THE ADDITION OF WATER OR CERTAIN SOL VENTS PROCESS FOR BROMINATING BUTADIENE/VINYL AROMATIC COPOLYMERS	DOW GLOBAL TECHNOLOGIES LLC	02/25/2009	12/866992		06/05/2012	8193287
66948B-CN-PCT	China	PROCESS FOR BROMINATING BUTADIENE/VINYL AROMATIC COPOLYMERS	DOW GLOBAL TECHNOLOGIES INC	04/03/2009	200980110987.X	101981061	02/06/2013	200980110987.X
66948B-DE-EPT	Germany	PROCESS FOR BROMINATING BUTADIENE/VINYL AROMATIC COPOLYMERS PROCESS FOR BROMINATING BUTADIENE/VINYL AROMATIC COPOLYMERS	DOW GLOBAL TECHNOLOGIES LLC	04/03/2009	09729336.9	2268676	09/12/2012	6020090909722.9
66948B-FR-EPT	France	PROCESS FOR BROMINATING BUTADIENE/VINYL AROMATIC COPOLYMERS	DOW GLOBAL TECHNOLOGIES LLC	04/03/2009	09729336.9	2268676	09/12/2012	2268676

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT NUMBER
66948B-GB-EPT	United Kingdom	PROCESS FOR BROMINATING BUTADIENE/VINYL AROMATIC COPOLYMERS	DOW GLOBAL TECHNOLOGIES LLC	04/03/2009	09729336.9	2268676	2268676
66948B-IL-PCT	Israel	PROCESS FOR BROMINATING BUTADIENE/VINYL AROMATIC COPOLYMERS	DOW GLOBAL TECHNOLOGIES INC	04/03/2009	208472		208472
66948B-IN-PCT	India	PROCESS FOR BROMINATING BUTADIENE/VINYL AROMATIC COPOLYMERS	DOW GLOBAL TECHNOLOGIES LLC	04/03/2009	6317/CHE:NP/2010		286738
66948B-JP-PCT	Japan	PROCESS FOR BROMINATING BUTADIENE/VINYL AROMATIC COPOLYMERS	DOW GLOBAL TECHNOLOGIES LLC	04/03/2009	2011-504092	2011-517471	5421356
66948B-NL-EPT	Netherlands	PROCESS FOR BROMINATING BUTADIENE/VINYL AROMATIC COPOLYMERS	DOW GLOBAL TECHNOLOGIES LLC	04/03/2009	09729336.9	2268676	2268676
66948B-US-PCT	United States Of America	PROCESS FOR BROMINATING BUTADIENE/VINYL AROMATIC COPOLYMERS	DOW GLOBAL TECHNOLOGIES LLC	04/03/2009	12/920839		8304492
66988A-CN-PCT	China	TWO-STEP PROCESS FOR BROMINATING BUTADIENE COPOLYMERS	DOW GLOBAL TECHNOLOGIES INC	04/17/2009	200980114783.3	102015774	200980114783.3
66988A-DE-EPT	Germany	TWO-STEP PROCESS FOR BROMINATING BUTADIENE COPOLYMERS	DOW GLOBAL TECHNOLOGIES LLC	04/17/2009	09739430.8	2274338	602009011910.9
66988A-FR-EPT	France	TWO-STEP PROCESS FOR BROMINATING BUTADIENE COPOLYMERS	DOW GLOBAL TECHNOLOGIES LLC	04/17/2009	09739430.8	2274338	2274338
66988A-GB-EPT	United Kingdom	TWO-STEP PROCESS FOR BROMINATING BUTADIENE COPOLYMERS	DOW GLOBAL TECHNOLOGIES LLC	04/17/2009	09739430.8	2274338	2274338
66988A-IL-PCT	Israel	TWO-STEP PROCESS FOR BROMINATING BUTADIENE COPOLYMERS	DOW GLOBAL TECHNOLOGIES INC	04/17/2009	209038	209038	209038
66988A-IN-PCT	India	TWO-STEP PROCESS FOR BROMINATING BUTADIENE COPOLYMERS	DOW GLOBAL TECHNOLOGIES LLC	04/17/2009	6956/CHE:NP/2010	6956/CHE:NP/2010	289068
66988A-JP-PCT	Japan	TWO-STEP PROCESS FOR BROMINATING BUTADIENE COPOLYMERS	DOW GLOBAL TECHNOLOGIES LLC	04/17/2009	2011-507532	2011-519992	5508397
66988A-NL-EPT	Netherlands	TWO-STEP PROCESS FOR BROMINATING BUTADIENE COPOLYMERS	DOW GLOBAL TECHNOLOGIES LLC	04/17/2009	09739430.8	2274338	2274338
67172-CA-PCT	Canada	STABILIZERS FOR POLYMERS CONTAINING ALIPHATICALLY-BOUND BROMINE	DOW GLOBAL TECHNOLOGIES LLC	12/07/2009	2747386		2747386

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PATENT NUMBER	CO-PATENT	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT NUMBER
67172-CN-PCT	China	STABILIZERS FOR POLYMERS CONTAINING ALIPHATICALLY- BOUND BROMINE	DOW GLOBAL TECHNOLOGIES LLC	12/07/2009	200980150884.6	102257050	200980150884.6
67172-DE-EPT	Germany	STABILIZERS FOR POLYMERS CONTAINING ALIPHATICALLY- BOUND BROMINE	DOW GLOBAL TECHNOLOGIES LLC	12/07/2009	09768300.7	2379628	602009018206.4
67172-ES-EPT	Spain	CONTAINING ALIPHATICALLY- BOUND BROMINE	DOW GLOBAL TECHNOLOGIES LLC	12/07/2009	09768300.7	2379628	2379628
67172-FR-EPT	France	STABILIZERS FOR POLYMERS CONTAINING ALIPHATICALLY- BOUND BROMINE	DOW GLOBAL TECHNOLOGIES LLC	12/07/2009	09768300.7	2379628	2379628
67172-GB-EPT	United Kingdom	CONTAINING ALIPHATICALLY- BOUND BROMINE	DOW GLOBAL TECHNOLOGIES LLC	12/07/2009	09768300.7	2379628	2379628
67172-GR-EPT	Greece	STABILIZERS FOR POLYMERS CONTAINING ALIPHATICALLY- BOUND BROMINE	DOW GLOBAL TECHNOLOGIES LLC	12/07/2009	09768300.7	2379628	3082061
67172-IN-PCT	India	CONTAINING ALIPHATICALLY- BOUND BROMINE	DOW GLOBAL TECHNOLOGIES LLC	12/07/2009	4298/CHENP/2011	4298/CHENP/2011	292563
67172-IT-EPT	Italy	STABILIZERS FOR POLYMERS CONTAINING ALIPHATICALLY- BOUND BROMINE	DOW GLOBAL TECHNOLOGIES LLC	12/07/2009	09768300.7	2379628	2379628
67172-JP-PCT	Japan	CONTAINING ALIPHATICALLY- BOUND BROMINE	DOW GLOBAL TECHNOLOGIES LLC	12/07/2009	2011-542234	2012-512942	5462278
67172-RU-PCT	Russian Federation	STABILIZERS FOR POLYMERS CONTAINING ALIPHATICALLY- BOUND BROMINE	DOW GLOBAL TECHNOLOGIES LLC	12/07/2009	2011129655	2011129655	2011129655
67172-TR-EPT	Turkey	STABILIZERS FOR POLYMERS CONTAINING ALIPHATICALLY- BOUND BROMINE	DOW GLOBAL TECHNOLOGIES LLC	12/07/2009	09768300.7	2379628	2379628
67172-US-CNT	United States Of America	STABILIZERS FOR POLYMERS CONTAINING ALIPHATICALLY- BOUND BROMINE	DOW GLOBAL TECHNOLOGIES LLC	01/25/2016	15/004708	05/30/2017	9663649
67174-CA-NP	Canada	CONTINUOUSLY INSULATED WALL ASSEMBLY	DOW GLOBAL TECHNOLOGIES LLC	06/25/2009	2670509	07/19/2016	2670509
67174-US-NP	United States Of America	CONTINUOUSLY INSULATED WALL ASSEMBLY	DOW GLOBAL TECHNOLOGIES LLC	06/12/2009	12/483331	2009-0320397	8397465
67257-CN-PCT	China	SOLVENT TRANSFER PROCESS FOR ORGANIC POLYMERS	TECHNOLOGIES LLC	08/03/2009	200980139457.8	102171257	200980139457.8
67257-DE-EPT	Germany	SOLVENT TRANSFER PROCESS FOR ORGANIC POLYMERS	TECHNOLOGIES LLC	08/03/2009	09748164.2	2313441	602009010204.4
67257-FR-EPT	France	SOLVENT TRANSFER PROCESS FOR ORGANIC POLYMERS	TECHNOLOGIES LLC	08/03/2009	09748164.2	2313441	2313441

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PATENT NUMBER	COUNTRY	TITLE	OWNER	PENDING DATE	APP. NUMBER	PUB. NUMBER	GRANT NUMBER
67257-GB-EPT	United Kingdom	SOLVENT TRANSFER PROCESS FOR ORGANIC POLYMERS	DOW GLOBAL TECHNOLOGIES LLC	08/03/2009	09748164.2	2313441	2313441
67257-IL-PCT	Israel	SOLVENT TRANSFER PROCESS FOR ORGANIC POLYMERS	DOW GLOBAL TECHNOLOGIES LLC	08/03/2009	210994	210994	210994
67257-IN-PCT	India	SOLVENT TRANSFER PROCESS FOR ORGANIC POLYMERS	DOW GLOBAL TECHNOLOGIES LLC	08/03/2009	741/CHE/NP/2011	741/CHE/NP/2011	289602
67257-JP-PCT	Japan	SOLVENT TRANSFER PROCESS FOR ORGANIC POLYMERS	TECHNOLOGIES LLC	08/03/2009	2011-522140	2011-530624	04/18/2014
67257-NL-EPT	Netherlands	SOLVENT TRANSFER PROCESS FOR ORGANIC POLYMERS	DOW GLOBAL TECHNOLOGIES LLC	08/03/2009	09748164.2	2313441	10/03/2012
67257-US-PCT	United States Of America	SOLVENT TRANSFER PROCESS FOR ORGANIC POLYMERS	DOW GLOBAL TECHNOLOGIES LLC	08/03/2009	13/055796		07/09/2013
67258-CN-PCT	China	PROCESS FOR BROMINATING UNSATURATED ORGANIC COMPOUNDS USING A QUATERNARY PHOSPHONIUM TRIBROMIDE AS THE BROMINATING AGENT	DOW GLOBAL TECHNOLOGIES LLC	08/13/2009	200980132676.3	102131835	06/18/2014
67258-DE-EPT	Germany	UNSATURATED ORGANIC COMPOUNDS USING A QUATERNARY PHOSPHONIUM TRIBROMIDE AS THE BROMINATING AGENT	DOW GLOBAL TECHNOLOGIES LLC	08/13/2009	09791481.6	2318445	11/21/2012
67258-FR-EPT	France	PROCESS FOR BROMINATING UNSATURATED ORGANIC COMPOUNDS USING A QUATERNARY PHOSPHONIUM TRIBROMIDE AS THE BROMINATING AGENT	DOW GLOBAL TECHNOLOGIES LLC	08/13/2009	09791481.6	2318445	11/21/2012
67258-GB-EPT	United Kingdom	PROCESS FOR BROMINATING UNSATURATED ORGANIC COMPOUNDS USING A QUATERNARY PHOSPHONIUM TRIBROMIDE AS THE BROMINATING AGENT	DOW GLOBAL TECHNOLOGIES LLC	08/13/2009	09791481.6	2318445	11/21/2012
67258-IL-PCT	Israel	PROCESS FOR BROMINATING UNSATURATED ORGANIC COMPOUNDS USING A QUATERNARY PHOSPHONIUM TRIBROMIDE AS THE BROMINATING AGENT	DOW GLOBAL TECHNOLOGIES LLC	08/13/2009	211331	211331	03/01/2015

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PATENT NUMBER	CO-PATENT	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT NUMBER
67258-IN-PCT	India	PROCESS FOR BROMINATING UNSATURATED ORGANIC COMPOUNDS USING A QUATERNARY PHOSPHONIUM TRIBROMIDE AS THE BROMINATING AGENT	DOW GLOBAL TECHNOLOGIES LLC	08/13/2009	1212/CHE/NP/2011	1212/CHE/NP/2011	289271
67258-JP-PCT	Japan	PROCESS FOR BROMINATING UNSATURATED ORGANIC COMPOUNDS USING A QUATERNARY PHOSPHONIUM TRIBROMIDE AS THE BROMINATING AGENT	DOW GLOBAL TECHNOLOGIES LLC	08/13/2009	2011-523880	2012-500863	5624039
67258-NL-EPT	Netherlands	UNSATURATED ORGANIC COMPOUNDS USING A QUATERNARY PHOSPHONIUM TRIBROMIDE AS THE BROMINATING AGENT	DOW GLOBAL TECHNOLOGIES LLC	08/13/2009	09/791481.6	2318445	2318445
67258-US-PCT	United States Of America	PROCESS FOR BROMINATING UNSATURATED ORGANIC COMPOUNDS USING A QUATERNARY PHOSPHONIUM TRIBROMIDE AS THE BROMINATING AGENT	DOW GLOBAL TECHNOLOGIES LLC	08/13/2009	13/057255	2011-0136984	8372921
67262-CA-PCT	Canada	NANOPOROUS POLYMERIC FOAM HAVING HIGH POROSITY	DOW GLOBAL TECHNOLOGIES LLC	11/01/2010	2780126		2780126
67262-CN-PCT	China	NANOPOROUS POLYMERIC FOAM HAVING HIGH POROSITY	DOW GLOBAL TECHNOLOGIES LLC	11/01/2010	201080053457.9	102630239	201080053457.9
67262-DE-EPT	Germany	NANOPOROUS POLYMERIC FOAM HAVING HIGH POROSITY	DOW GLOBAL TECHNOLOGIES LLC	11/01/2010	10774399.9	2504384	602010049332.6
67262-EP-EPT	European Procedure (Patents)	NANOPOROUS POLYMERIC FOAM HAVING HIGH POROSITY	DOW GLOBAL TECHNOLOGIES LLC	11/01/2010	10774399.9	2504384	2504384
67262-FR-EPT	France	NANOPOROUS POLYMERIC FOAM HAVING HIGH POROSITY	DOW GLOBAL TECHNOLOGIES LLC	11/01/2010	10774399.9	2504384	2504384
67262-GB-EPT	United Kingdom	NANOPOROUS POLYMERIC FOAM HAVING HIGH POROSITY	DOW GLOBAL TECHNOLOGIES LLC	11/01/2010	10774399.9	2504384	2504384
67262-JP-PCT	Japan	NANOPOROUS POLYMERIC FOAM HAVING HIGH POROSITY	DOW GLOBAL TECHNOLOGIES LLC	11/01/2010	2012-541087	2013-512307	5856974

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PATENT NUMBER	CO-PATENT	TITLE	OWNER	ISSUANCE DATE	APP. NUMBER	PRI. NUMBER	GRANT NUMBER
67262-NL-EPT	Netherlands	NANOPOROUS POLYMERIC FOAM HAVING HIGH POROSITY	DOW GLOBAL TECHNOLOGIES LLC	11/01/2010	10774399.9	2504384	2504384
67262-US-PCT	United States Of America	NANOPOROUS POLYMERIC FOAM HAVING HIGH POROSITY	DOW GLOBAL TECHNOLOGIES LLC	11/01/2010	13/504561	2012-0225272	08/01/2017 9718938
67514-CN-PCT	China	PROCESS FOR BROMINATING BUTADIENE POLYMERS USING ESTER SOLVENT MIXTURES	DOW GLOBAL TECHNOLOGIES LLC	12/07/2009	2009801-50882.7	102257016	04/09/2014 2009801-50882.7
67514-DE-EPT	Germany	BUTADIENE POLYMERS USING ESTER SOLVENT MIXTURES	DOW GLOBAL TECHNOLOGIES LLC	12/07/2009	09765218.4	2379605	03/12/2014 602009022452.2
67514-FR-EPT	France	PROCESS FOR BROMINATING BUTADIENE POLYMERS USING ESTER SOLVENT MIXTURES	DOW GLOBAL TECHNOLOGIES LLC	12/07/2009	09765218.4	2379605	03/12/2014 2379605
67514-GB-EPT	United Kingdom	PROCESS FOR BROMINATING BUTADIENE POLYMERS USING ESTER SOLVENT MIXTURES	DOW GLOBAL TECHNOLOGIES LLC	12/07/2009	09765218.4	2379605	03/12/2014 2379605
67514-IL-PCT	Israel	PROCESS FOR BROMINATING BUTADIENE POLYMERS USING ESTER SOLVENT MIXTURES	DOW GLOBAL TECHNOLOGIES LLC	12/07/2009	213552		03/30/2017 213552
67514-IN-PCT	India	BUTADIENE POLYMERS USING ESTER SOLVENT MIXTURES	DOW GLOBAL TECHNOLOGIES LLC	12/07/2009	4207/CHE/NP/2011	4207/CHE/NP/2011	04/03/2018 295399
67514-JP-PCT	Japan	PROCESS FOR BROMINATING BUTADIENE POLYMERS USING ESTER SOLVENT MIXTURES	DOW GLOBAL TECHNOLOGIES LLC	12/07/2009	2011-542235	2012-512943	09/12/2014 5612599
67514-NL-EPT	Netherlands	BUTADIENE POLYMERS USING ESTER SOLVENT MIXTURES	DOW GLOBAL TECHNOLOGIES LLC	12/07/2009	09765218.4	2379605	03/12/2014 2379605
67514-US-PCT	United States Of America	PROCESS FOR BROMINATING BUTADIENE POLYMERS USING ESTER SOLVENT MIXTURES	DOW GLOBAL TECHNOLOGIES LLC	12/07/2009	13/131603		07/15/2014 8779066
67525-CA-PCT	Canada	EXTRUDED POLYMER FOAM FORMING	DOW GLOBAL TECHNOLOGIES LLC	02/24/2010	2750730		03/07/2017 2750730
67525-CN-PCT	China	EXTRUDED POLYMER FOAM FORMING	DOW GLOBAL TECHNOLOGIES LLC	02/24/2010	201080010272.X	102341226	03/05/2014 201080010272.X
67525-EP-EPT	European Procedure (Patents)	EXTRUDED POLYMER FOAM FORMING	DOW GLOBAL TECHNOLOGIES LLC	02/24/2010	10705526.1	2403702	
67525-JP-PCT	Japan	EXTRUDED POLYMER FOAM PROCESS WITH STAGED FORMING	DOW GLOBAL TECHNOLOGIES LLC	02/24/2010	2011-552984	2012-519753	01/16/2015 5681120

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PATENT NUMBER	COUNTRY	TITLE	OWNER	PENDING DATE	APP. NUMBER	PIF# NUMBER	GRANT DATE	GRANT NUMBER
67525-US-PCT	United States Of America	EXTRUDED POLYMER FOAM PROCESS WITH STAGED FORMING	DOW GLOBAL TECHNOLOGIES LLC	02/24/2010	13/145295	2012-0004333	07/02/2013	8476327
67526-CA-PCT	Canada	THERMAL INSULATING PANEL COMPOSITE	DOW GLOBAL TECHNOLOGIES LLC	07/15/2010	2768217		09/19/2017	2768217
67526-CN-PCT	China	THERMAL INSULATING PANEL COMPOSITE	DOW GLOBAL TECHNOLOGIES LLC	07/15/2010	201080032320.5	102482446	09/11/2013	201080032320.5
67526-US-PCT	United States Of America	THERMAL INSULATING PANEL COMPOSITE	DOW GLOBAL TECHNOLOGIES LLC	07/15/2010	13/377975	2012-0114895	11/20/2012	8313818
67593-CA-PCT	Canada	POLYMERIC FOAM CONTAINING ALUMINA BOEHMITE	DOW GLOBAL TECHNOLOGIES LLC	03/18/2010	2756693		06/21/2016	2756693
67593-CN-PCT	China	POLYMERIC FOAM CONTAINING ALUMINA BOEHMITE	DOW GLOBAL TECHNOLOGIES LLC	03/18/2010	201080014146.1	102365319	05/08/2013	201080014146.1
67593-DE-EPT	Germany	POLYMERIC FOAM CONTAINING ALUMINA BOEHMITE	DOW GLOBAL TECHNOLOGIES LLC	03/18/2010	10711113.0	2411458	06/25/2014	602010016987.1
67593-ES-EPT	Spain	POLYMERIC FOAM CONTAINING ALUMINA BOEHMITE	DOW GLOBAL TECHNOLOGIES LLC	03/18/2010	10711113.0	2411458	06/25/2014	2411458
67593-FR-EPT	France	POLYMERIC FOAM CONTAINING ALUMINA BOEHMITE	TECHNOLOGIES LLC	03/18/2010	10711113.0	2411458	06/25/2014	2411458
67593-GB-EPT	United Kingdom	POLYMERIC FOAM CONTAINING ALUMINA BOEHMITE	DOW GLOBAL TECHNOLOGIES LLC	03/18/2010	10711113.0	2411458	06/25/2014	2411458
67593-IT-EPT	Italy	POLYMERIC FOAM CONTAINING ALUMINA BOEHMITE	DOW GLOBAL TECHNOLOGIES LLC	03/18/2010	10711113.0	2411458	06/25/2014	2411458
67593-JP-PCT	Japan	POLYMERIC FOAM CONTAINING ALUMINA BOEHMITE	DOW GLOBAL TECHNOLOGIES LLC	03/18/2010	2012-502119	2012-523070	05/01/2015	5739406
67593-TR-EPT	Turkey	POLYMERIC FOAM CONTAINING ALUMINA BOEHMITE	DOW GLOBAL TECHNOLOGIES LLC	03/18/2010	10711113.0	2411458	06/25/2014	2411458
67596-CA-PCT	Canada	POLYMER FOAM WITH LOW BROMINE CONTENT	TECHNOLOGIES LLC	01/05/2010	2749282		03/14/2017	2749282
67596-EP-EPT	European Procedure (Patents)	POLYMER FOAM WITH LOW BROMINE CONTENT	DOW GLOBAL TECHNOLOGIES LLC	01/05/2010	10701162.9	2387595		
67596-JP-PCT	Japan	POLYMER FOAM WITH LOW BROMINE CONTENT	TECHNOLOGIES LLC	01/05/2010	2011-546275	2012-515249	09/26/2014	5620406
67596-US-PCT	United States Of America	POLYMER FOAM WITH LOW BROMINE CONTENT	TECHNOLOGIES LLC	01/05/2010	13/139406	2011-0275730	11/15/2016	9493624

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67871-CA-PCT	Canada	EXTRUDED POLYMER FOAMS CONTAINING ESTERS OF A SUGAR AND A BROMINATED FATTY ACID AS A FLAME RETARDANT ADDITIVE EXTRUDED POLYMER FOAMS CONTAINING ESTERS OF A SUGAR AND A BROMINATED FATTY ACID AS A FLAME RETARDANT ADDITIVE	DOW GLOBAL TECHNOLOGIES LLC	10/15/2009	2742264	2742264	09/27/2016	2742264
67871-CN-PCT	China	EXTRUDED POLYMER FOAMS CONTAINING ESTERS OF A SUGAR AND A BROMINATED FATTY ACID AS A FLAME RETARDANT ADDITIVE	DOW GLOBAL TECHNOLOGIES LLC	10/15/2009	200980143274.3	102197042	03/26/2014	200980143274.3
67871-DE-EPT	Germany	EXTRUDED POLYMER FOAMS CONTAINING ESTERS OF A SUGAR AND A BROMINATED FATTY ACID AS A FLAME RETARDANT ADDITIVE EXTRUDED POLYMER FOAMS CONTAINING ESTERS OF A SUGAR AND A BROMINATED FATTY ACID AS A FLAME RETARDANT ADDITIVE	DOW GLOBAL TECHNOLOGIES LLC	10/15/2009	09741533.5	2387578	06/11/2014	602009024614.3
67871-ES-EPT	Spain	EXTRUDED POLYMER FOAMS CONTAINING ESTERS OF A SUGAR AND A BROMINATED FATTY ACID AS A FLAME RETARDANT ADDITIVE	DOW GLOBAL TECHNOLOGIES LLC	10/15/2009	09741533.5	2387578	06/11/2014	2387578
67871-FR-EPT	France	EXTRUDED POLYMER FOAMS CONTAINING ESTERS OF A SUGAR AND A BROMINATED FATTY ACID AS A FLAME RETARDANT ADDITIVE EXTRUDED POLYMER FOAMS CONTAINING ESTERS OF A SUGAR AND A BROMINATED FATTY ACID AS A FLAME RETARDANT ADDITIVE	DOW GLOBAL TECHNOLOGIES LLC	10/15/2009	09741533.5	2387578	06/11/2014	2387578
67871-GB-EPT	United Kingdom	EXTRUDED POLYMER FOAMS CONTAINING ESTERS OF A SUGAR AND A BROMINATED FATTY ACID AS A FLAME RETARDANT ADDITIVE	DOW GLOBAL TECHNOLOGIES LLC	10/15/2009	09741533.5	2387578	06/11/2014	2387578
67871-IL-PCT	Israel	EXTRUDED POLYMER FOAMS CONTAINING ESTERS OF A SUGAR AND A BROMINATED FATTY ACID AS A FLAME RETARDANT ADDITIVE EXTRUDED POLYMER FOAMS CONTAINING ESTERS OF A SUGAR AND A BROMINATED FATTY ACID AS A FLAME RETARDANT ADDITIVE	DOW GLOBAL TECHNOLOGIES LLC	10/15/2009	212520		10/01/2015	212520
67871-IN-PCT	India	EXTRUDED POLYMER FOAMS CONTAINING ESTERS OF A SUGAR AND A BROMINATED FATTY ACID AS A FLAME RETARDANT ADDITIVE	DOW GLOBAL TECHNOLOGIES LLC	10/15/2009	2856/CHENP/2011		04/05/2018	295543
67871-IT-EPT	Italy	EXTRUDED POLYMER FOAMS CONTAINING ESTERS OF A SUGAR AND A BROMINATED FATTY ACID AS A FLAME RETARDANT ADDITIVE	DOW GLOBAL TECHNOLOGIES LLC	10/15/2009	09741533.5	2387578	06/11/2014	2387578

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
67871-JP-PCT	Japan	EXTRUDED POLYMER FOAMS CONTAINING ESTERS OF A SUGAR AND A BROMINATED FATTY ACID AS A FLAME RETARDANT ADDITIVE	DOW GLOBAL TECHNOLOGIES LLC	10/15/2009	2011-534602	2012-507529	02/13/2015	5694943
67871-TR-EPT	Turkey	EXTRUDED POLYMER FOAMS CONTAINING ESTERS OF A SUGAR AND A BROMINATED FATTY ACID AS A FLAME RETARDANT ADDITIVE	DOW GLOBAL TECHNOLOGIES LLC	10/15/2009	09741533.5	2387578	06/11/2014	2387578
67871-US-PCT	United States Of America	EXTRUDED POLYMER FOAMS CONTAINING ESTERS OF A SUGAR AND A BROMINATED FATTY ACID AS A FLAME RETARDANT ADDITIVE	DOW GLOBAL TECHNOLOGIES LLC	10/15/2009	13/125001	2011-0313068	05/28/2013	8450383
68046-CA-PCT	Canada	INFRARED ATTENUATED POLYMERIC FOAM INSULATION WITH FLAME RETARDANT PERFORMANCE	DOW GLOBAL TECHNOLOGIES LLC	06/01/2010	2761163		09/05/2017	2761163
68046-CN-PCT	China	INFRARED ATTENUATED POLYMERIC FOAM INSULATION WITH FLAME RETARDANT PERFORMANCE	DOW GLOBAL TECHNOLOGIES LLC	06/01/2010	201080024313.0	102459437	03/26/2014	201080024313.0
68046-DE-EPT	Germany	INFRARED ATTENUATED POLYMERIC FOAM INSULATION WITH FLAME RETARDANT PERFORMANCE	DOW GLOBAL TECHNOLOGIES LLC	06/01/2010	10722498.2	2438111	01/17/2018	602010048103.4
68046-EP-EPT	European Procedure (Patents)	POLYMERIC FOAM INSULATION WITH FLAME RETARDANT PERFORMANCE	DOW GLOBAL TECHNOLOGIES LLC	06/01/2010	10722498.2	2438111	01/17/2018	2438111
68046-ES-EPT	Spain	INFRARED ATTENUATED POLYMERIC FOAM INSULATION WITH FLAME RETARDANT PERFORMANCE	DOW GLOBAL TECHNOLOGIES LLC	06/01/2010	10722498.2	2438111	01/17/2018	2438111
68046-FR-EPT	France	POLYMERIC FOAM INSULATION WITH FLAME RETARDANT PERFORMANCE	DOW GLOBAL TECHNOLOGIES LLC	06/01/2010	10722498.2	2438111	01/17/2018	2438111
68046-GB-EPT	United Kingdom	INFRARED ATTENUATED POLYMERIC FOAM INSULATION WITH FLAME RETARDANT PERFORMANCE	DOW GLOBAL TECHNOLOGIES LLC	06/01/2010	10722498.2	2438111	01/17/2018	2438111
68046-IT-EPT	Italy	INFRARED ATTENUATED POLYMERIC FOAM INSULATION WITH FLAME RETARDANT PERFORMANCE	DOW GLOBAL TECHNOLOGIES LLC	06/01/2010	10722498.2	2438111	01/17/2018	502018000009634

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
68046-JP-PCT	Japan	INFRARED ATTENUATED POLYMERIC FOAM INSULATION WITH FLAME RETARDANT PERFORMANCE	DOW GLOBAL TECHNOLOGIES LLC	06/01/2010	2012-514027	2012-528921	07/31/2015	5785159
68046-NL-EPT	Netherlands	INFRARED ATTENUATED POLYMERIC FOAM INSULATION WITH FLAME RETARDANT PERFORMANCE	DOW GLOBAL TECHNOLOGIES LLC	06/01/2010	10722498.2	2438111	01/17/2018	2438111
68047-CA-NP	Canada	METHOD FOR SEALING FLASHING JOINTS BELOW FLASHING	DOW GLOBAL TECHNOLOGIES LLC	05/30/2011	2741274		03/13/2018	2741274
68047-US-NP	United States Of America	METHOD FOR SEALING FLASHING JOINTS BELOW FLASHING	DOW GLOBAL TECHNOLOGIES LLC	05/18/2011	13/110027	2011-0296768	06/25/2013	8468750
68050-CN-PCT	China	PROCESS FOR BROMINATING UNSATURATED ORGANIC COMPOUNDS WITH REMOVAL OF QUATERNARY AMMONIUM OR QUATERNARY PHOSPHONIUM MONOCHLORIDES	DOW GLOBAL TECHNOLOGIES LLC	02/02/2010	201080015111.X	102378769	06/12/2013	201080015111.X
68050-DE-EPT	Germany	UNSATURATED ORGANIC COMPOUNDS WITH REMOVAL OF QUATERNARY AMMONIUM OR QUATERNARY PHOSPHONIUM MONOCHLORIDES	DOW GLOBAL TECHNOLOGIES LLC	02/02/2010	10703736.8	2414403	04/30/2014	602010015559.5
68050-FR-EPT	France	PROCESS FOR BROMINATING UNSATURATED ORGANIC COMPOUNDS WITH REMOVAL OF QUATERNARY AMMONIUM OR QUATERNARY PHOSPHONIUM MONOCHLORIDES	DOW GLOBAL TECHNOLOGIES LLC	02/02/2010	10703736.8	2414403	04/30/2014	2414403
68050-GB-EPT	United Kingdom	UNSATURATED ORGANIC COMPOUNDS WITH REMOVAL OF QUATERNARY AMMONIUM OR QUATERNARY PHOSPHONIUM MONOCHLORIDES	DOW GLOBAL TECHNOLOGIES LLC	02/02/2010	10703736.8	2414403	04/30/2014	2414403

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
68050-IL-PCT	Israel	PROCESS FOR BROMINATING UNSATURATED ORGANIC COMPOUNDS WITH REMOVAL OF QUATERNARY AMMONIUM OR QUATERNARY PHOSPHONIUM	DOW GLOBAL TECHNOLOGIES LLC	02/02/2010	215380	215380	04/01/2015	215380
		MONOCHLORIDES						
68050-IN-PCT	India	PROCESS FOR BROMINATING UNSATURATED ORGANIC COMPOUNDS WITH REMOVAL OF QUATERNARY AMMONIUM OR QUATERNARY PHOSPHONIUM	DOW GLOBAL TECHNOLOGIES LLC	02/02/2010	7081/CHENP/2011	7081/CHENP/2011	08/10/2018	299861
		MONOCHLORIDES						
68050-JP-PCT	Japan	PROCESS FOR BROMINATING UNSATURATED ORGANIC COMPOUNDS WITH REMOVAL OF QUATERNARY AMMONIUM OR QUATERNARY PHOSPHONIUM	DOW GLOBAL TECHNOLOGIES LLC	02/02/2010	2012-503437	2012-522101	08/15/2014	5596780
		MONOCHLORIDES						
68050-NL-EPT	Netherlands	PROCESS FOR BROMINATING UNSATURATED ORGANIC COMPOUNDS WITH REMOVAL OF QUATERNARY AMMONIUM OR QUATERNARY PHOSPHONIUM	DOW GLOBAL TECHNOLOGIES LLC	02/02/2010	10703736.8	2414403	04/30/2014	2414403
		MONOCHLORIDES						
68050-US-PCT	United States Of America	PROCESS FOR BROMINATING UNSATURATED ORGANIC COMPOUNDS WITH REMOVAL OF QUATERNARY AMMONIUM OR QUATERNARY PHOSPHONIUM	DOW GLOBAL TECHNOLOGIES LLC	02/02/2010	13/257999	2012-0016088	04/29/2014	8710155
		MONOCHLORIDES						
68325-CN-PCT	China	THICK DIMENSIONALLY STABLE INFRARED ABSORBING FOAM	DOW GLOBAL TECHNOLOGIES LLC	07/27/2010	201080034301.6	102470573	11/05/2014	201080034301.6
		THICK DIMENSIONALLY STABLE INFRARED ABSORBING FOAM						
68325-EP-EPT	European Procedure (Patents)	THICK DIMENSIONALLY STABLE INFRARED ABSORBING FOAM	DOW GLOBAL TECHNOLOGIES LLC	07/27/2010	10742343.6	2461956		
		THICK DIMENSIONALLY STABLE INFRARED ABSORBING FOAM						
68325-JP-PCT	Japan	MONOMODAL EXTRUDED POLYSTYRENE FOAM	DOW GLOBAL TECHNOLOGIES LLC	07/27/2010	2012-523644	2013-500891	05/13/2016	5932645
		MONOMODAL EXTRUDED POLYSTYRENE FOAM						
68326-CA-PCT	Canada	MONOMODAL EXTRUDED POLYSTYRENE FOAM	DOW GLOBAL TECHNOLOGIES LLC	07/28/2010	2772047		04/04/2017	2772047
		MONOMODAL EXTRUDED POLYSTYRENE FOAM						

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PATENT NUMBER	COUNTRY	TITLE	OWNER	PENDING DATE	APP. NUMBER	PR. NUMBER	GRANT DATE	GRANT NUMBER
68326-CN-PCT	China	MONOMODAL EXTRUDED POLYSTYRENE FOAM	DOW GLOBAL TECHNOLOGIES LLC	07/28/2010	201080038280.5	102482444	09/25/2013	201080038280.5
68326-DE-EPT	Germany	MONOMODAL EXTRUDED POLYSTYRENE FOAM	DOW GLOBAL TECHNOLOGIES LLC	07/28/2010	10740800.7	2470590	08/23/2017	602010044626.3
68326-FR-EPT	France	MONOMODAL EXTRUDED POLYSTYRENE FOAM	DOW GLOBAL TECHNOLOGIES LLC	07/28/2010	10740800.7	2470590	08/23/2017	2470590
68326-GB-EPT	United Kingdom	MONOMODAL EXTRUDED POLYSTYRENE FOAM	DOW GLOBAL TECHNOLOGIES LLC	07/28/2010	10740800.7	2470590	08/23/2017	2470590
68326-JP-PCT	Japan	MONOMODAL EXTRUDED POLYSTYRENE FOAM	DOW GLOBAL TECHNOLOGIES LLC	07/28/2010	2012-526793	2013-503241	10/10/2014	5628919
68506-CN-PCT	China	PERFORATED LAMINATED POLYMERIC FOAM ARTICLES	DOW GLOBAL TECHNOLOGIES LLC	09/03/2010	201080042787.8	102548734	11/12/2014	201080042787.8
68506-DE-EPT	Germany	PERFORATED LAMINATED POLYMERIC FOAM ARTICLES	DOW GLOBAL TECHNOLOGIES LLC	09/03/2010	10752976.0	2480397	02/26/2014	602010013786.4
68506-ES-EPT	Spain	PERFORATED LAMINATED POLYMERIC FOAM ARTICLES	DOW GLOBAL TECHNOLOGIES LLC	09/03/2010	10752976.0	2480397	02/26/2014	2480397
68506-FR-EPT	France	PERFORATED LAMINATED POLYMERIC FOAM ARTICLES	DOW GLOBAL TECHNOLOGIES LLC	09/03/2010	10752976.0	2480397	02/26/2014	2480397
68506-GB-EPT	United Kingdom	PERFORATED LAMINATED POLYMERIC FOAM ARTICLES	DOW GLOBAL TECHNOLOGIES LLC	09/03/2010	10752976.0	2480397	02/26/2014	2480397
68506-IT-EPT	Italy	PERFORATED LAMINATED POLYMERIC FOAM ARTICLES	DOW GLOBAL TECHNOLOGIES LLC	09/03/2010	10752976.0	2480397	02/26/2014	2480397
68506-JP-PCT	Japan	PERFORATED LAMINATED POLYMERIC FOAM ARTICLES	DOW GLOBAL TECHNOLOGIES LLC	09/03/2010	2012-530912	2013-505858	12/26/2014	5671043
68506-TR-EPT	Turkey	PERFORATED LAMINATED POLYMERIC FOAM ARTICLES	DOW GLOBAL TECHNOLOGIES LLC	09/03/2010	10752976.0	2480397	02/26/2014	2480397
68506-US-NP	United States Of America	PERFORATED LAMINATED POLYMERIC FOAM ARTICLES	DOW GLOBAL TECHNOLOGIES LLC	09/03/2010	12/875539	2011-0076446	12/13/2011	8075989
68526-CA-PCT	Canada	LAMINATED FOAMS WITH MATING PEAKS AND GROOVES	DOW GLOBAL TECHNOLOGIES LLC	04/20/2011	2797669		06/12/2018	2797669
68526-CN-PCT	China	LAMINATED FOAMS WITH MATING PEAKS AND GROOVES	DOW GLOBAL TECHNOLOGIES LLC	04/20/2011	201180021713.0	102869497	06/24/2015	201180021713.0
68526-DE-EPT	Germany	LAMINATED FOAMS WITH MATING PEAKS AND GROOVES	DOW GLOBAL TECHNOLOGIES LLC	04/20/2011	11717134.8	2563588	07/30/2014	602011008736.3
68526-ES-EPT	Spain	LAMINATED FOAMS WITH MATING PEAKS AND GROOVES	DOW GLOBAL TECHNOLOGIES LLC	04/20/2011	11717134.8	2563588	07/30/2014	2563588
68526-FR-EPT	France	LAMINATED FOAMS WITH MATING PEAKS AND GROOVES	DOW GLOBAL TECHNOLOGIES LLC	04/20/2011	11717134.8	2563588	07/30/2014	2563588
68526-GB-EPT	United Kingdom	LAMINATED FOAMS WITH MATING PEAKS AND GROOVES	DOW GLOBAL TECHNOLOGIES LLC	04/20/2011	11717134.8	2563588	07/30/2014	2563588
68526-IT-EPT	Italy	LAMINATED FOAMS WITH MATING PEAKS AND GROOVES	DOW GLOBAL TECHNOLOGIES LLC	04/20/2011	11717134.8	2563588	07/30/2014	2563588
68526-JP-PCT	Japan	LAMINATED FOAMS WITH MATING PEAKS AND GROOVES	DOW GLOBAL TECHNOLOGIES LLC	04/20/2011	2013-508035	2013-525158	04/17/2015	5731634
68526-TR-EPT	Turkey	LAMINATED FOAMS WITH MATING PEAKS AND GROOVES	DOW GLOBAL TECHNOLOGIES LLC	04/20/2011	11717134.8	2563588	07/30/2014	2563588

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PATENT NUMBER	COUNTRY	TITLE	OWNER	PENDING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
68576-US-PCT	United States Of America	LAMINATED FOAMS WITH MATING PEAKS AND GROOVES	DOW GLOBAL TECHNOLOGIES LLC	04/20/2011	13/636714		12/03/2013	8597768
68576-CA-PCT	Canada	BROMINATED AND EPOXIDIZED FLAME RETARDANTS	DOW GLOBAL TECHNOLOGIES LLC	06/18/2010	2766398		01/17/2017	2766398
68576-CN-PCT	China	BROMINATED AND EPOXIDIZED FLAME RETARDANTS	DOW GLOBAL TECHNOLOGIES LLC	06/18/2010	201080029665.5	102471397	11/06/2013	201080029665.5
68576-EP-EPT	European Procedure (Patents)	BROMINATED AND EPOXIDIZED FLAME RETARDANTS	DOW GLOBAL TECHNOLOGIES LLC	06/18/2010	10740776.9	2448975		
68576-IN-PCT	India	BROMINATED AND EPOXIDIZED FLAME RETARDANTS	DOW GLOBAL TECHNOLOGIES LLC	06/18/2010	9960/CHE/JP/2011	9960/CHE/JP/2011		
68576-JP-PCD	Japan	BROMINATED AND EPOXIDIZED FLAME RETARDANTS	DOW GLOBAL TECHNOLOGIES LLC	08/06/2015	2015-157351	2016-026243	08/04/2017	6185519
68576-RU-PCT	Russian Federation	BROMINATED AND EPOXIDIZED FLAME RETARDANTS	DOW GLOBAL TECHNOLOGIES LLC	06/18/2010	2012103018		08/12/2014	2530021
68576-US-NP	United States Of America	BROMINATED AND EPOXIDIZED FLAME RETARDANTS	DOW GLOBAL TECHNOLOGIES LLC	06/29/2010	12/825591	2010-0331497	10/29/2013	8569424
68577-CA-PCT	Canada	STYRENE-ACRYLONITRILE COPOLYMER FOAM WITH MINIMAL YELLOWING	DOW GLOBAL TECHNOLOGIES LLC	05/04/2011	2796733		07/31/2018	2796733
68577-DE-EPT	Germany	STYRENE-ACRYLONITRILE COPOLYMER FOAM WITH MINIMAL YELLOWING	DOW GLOBAL TECHNOLOGIES LLC	05/04/2011	11776269.0	2569083	01/21/2015	602011013394.2
68577-FR-EPT	France	STYRENE-ACRYLONITRILE COPOLYMER FOAM WITH MINIMAL YELLOWING	DOW GLOBAL TECHNOLOGIES LLC	05/04/2011	11776269.0	2569083	01/21/2015	2569083
68577-GB-EPT	United Kingdom	STYRENE-ACRYLONITRILE COPOLYMER FOAM WITH MINIMAL YELLOWING	DOW GLOBAL TECHNOLOGIES LLC	05/04/2011	11776269.0	2569083	01/21/2015	2569083
68577-JP-PCT	Japan	STYRENE-ACRYLONITRILE COPOLYMER FOAM WITH MINIMAL YELLOWING	DOW GLOBAL TECHNOLOGIES LLC	05/04/2011	2013-510165	2013-526634	06/02/2017	6151638
68577-NL-EPT	Netherlands	STYRENE-ACRYLONITRILE COPOLYMER FOAM WITH MINIMAL YELLOWING	DOW GLOBAL TECHNOLOGIES LLC	05/04/2011	11776269.0	2569083	01/21/2015	2569083
68577-US-PCT	United States Of America	STYRENE-ACRYLONITRILE COPOLYMER FOAM WITH MINIMAL YELLOWING	DOW GLOBAL TECHNOLOGIES LLC	05/04/2011	13/640058	2013-0053466	06/09/2015	9051438

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
69014-CA-PCT	Canada	EXTRUDED POLYSTYRENE FOAM WITH BROAD COMONOMER CONTENT DISTRIBUTION	DOW GLOBAL TECHNOLOGIES LLC	09/08/2010	2773828		09/17/2017	2773828
69014-CN-PCT	China	EXTRUDED POLYSTYRENE FOAM WITH BROAD COMONOMER CONTENT DISTRIBUTION	DOW GLOBAL TECHNOLOGIES LLC	09/08/2010	201080043820.9	102575041	02/16/2014	201080043820.9
69014-DE-EPT	Germany	EXTRUDED POLYSTYRENE FOAM WITH BROAD COMONOMER CONTENT DISTRIBUTION	DOW GLOBAL TECHNOLOGIES LLC	09/08/2010	10754628.5	2486086	04/13/2016	602010032258.0
69014-ES-EPT	Spain	EXTRUDED POLYSTYRENE FOAM WITH BROAD COMONOMER CONTENT DISTRIBUTION	DOW GLOBAL TECHNOLOGIES LLC	09/08/2010	10754628.5	2486086	04/13/2016	2486086
69014-FR-EPT	France	EXTRUDED POLYSTYRENE FOAM WITH BROAD COMONOMER CONTENT DISTRIBUTION	DOW GLOBAL TECHNOLOGIES LLC	09/08/2010	10754628.5	2486086	04/13/2016	2486086
69014-GB-EPT	United Kingdom	EXTRUDED POLYSTYRENE FOAM WITH BROAD COMONOMER CONTENT DISTRIBUTION	DOW GLOBAL TECHNOLOGIES LLC	09/08/2010	10754628.5	2486086	04/13/2016	2486086
69014-GR-EPT	Greece	EXTRUDED POLYSTYRENE FOAM WITH BROAD COMONOMER CONTENT DISTRIBUTION	DOW GLOBAL TECHNOLOGIES LLC	09/08/2010	10754628.5	2486086	04/13/2016	3089396
69014-IT-EPT	Italy	EXTRUDED POLYSTYRENE FOAM WITH BROAD COMONOMER CONTENT DISTRIBUTION	DOW GLOBAL TECHNOLOGIES LLC	09/08/2010	10754628.5	2486086	04/13/2016	502016000062198
69014-JP-PCT	Japan	EXTRUDED POLYSTYRENE FOAM WITH BROAD COMONOMER CONTENT DISTRIBUTION	DOW GLOBAL TECHNOLOGIES LLC	09/08/2010	2012-533186	2013-506748	05/15/2015	5746190
69014-NL-EPT	Netherlands	EXTRUDED POLYSTYRENE FOAM WITH BROAD COMONOMER CONTENT DISTRIBUTION	DOW GLOBAL TECHNOLOGIES LLC	09/08/2010	10754628.5	2486086	04/13/2016	2486086
69014-TR-EPT	Turkey	EXTRUDED POLYSTYRENE FOAM WITH BROAD COMONOMER CONTENT DISTRIBUTION	DOW GLOBAL TECHNOLOGIES LLC	09/08/2010	10754628.5	2486086	04/13/2016	2486086

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
69014-US-NP	United States Of America	EXTRUDED POLYSTYRENE FOAM WITH BROAD COMONOMER CONTENT DISTRIBUTION	DOW GLOBAL TECHNOLOGIES LLC	09/08/2010	12/877166	2011-0082223	09/18/2012	8268904
69192-BE-EPT	Belgium	PROFESSIONAL GRADE ONE COMPONENT POLYURETHANE FOAM WITH NON-LIQUEFIED INERT PROPELLANT	DOW GLOBAL TECHNOLOGIES LLC	03/17/2011	11710382.0	2552988	03/11/2015	2552988
69192-CN-PCT	China	PROFESSIONAL GRADE ONE COMPONENT POLYURETHANE FOAM WITH NON-LIQUEFIED INERT PROPELLANT	DOW GLOBAL TECHNOLOGIES LLC	03/17/2011	201180017211.0	1082834427	02/04/2015	201180017211.0
69192-DE-EPT	Germany	PROFESSIONAL GRADE ONE COMPONENT POLYURETHANE FOAM WITH NON-LIQUEFIED INERT PROPELLANT	DOW GLOBAL TECHNOLOGIES LLC	03/17/2011	11710382.0	2552988	03/11/2015	602011014578.9
69192-ES-EPT	Spain	PROFESSIONAL GRADE ONE COMPONENT POLYURETHANE FOAM WITH NON-LIQUEFIED INERT PROPELLANT	DOW GLOBAL TECHNOLOGIES LLC	03/17/2011	11710382.0	2552988	03/11/2015	2552988
69192-FR-EPT	France	PROFESSIONAL GRADE ONE COMPONENT POLYURETHANE FOAM WITH NON-LIQUEFIED INERT PROPELLANT	DOW GLOBAL TECHNOLOGIES LLC	03/17/2011	11710382.0	2552988	03/11/2015	2552988
69192-GB-EPT	United Kingdom	PROFESSIONAL GRADE ONE COMPONENT POLYURETHANE FOAM WITH NON-LIQUEFIED INERT PROPELLANT	DOW GLOBAL TECHNOLOGIES LLC	03/17/2011	11710382.0	2552988	03/11/2015	2552988
69192-IT-EPT	Italy	PROFESSIONAL GRADE ONE COMPONENT POLYURETHANE FOAM WITH NON-LIQUEFIED INERT PROPELLANT	DOW GLOBAL TECHNOLOGIES LLC	03/17/2011	11710382.0	2552988	03/11/2015	2552988
69192-NL-EPT	Netherlands	PROFESSIONAL GRADE ONE COMPONENT POLYURETHANE FOAM WITH NON-LIQUEFIED INERT PROPELLANT	DOW GLOBAL TECHNOLOGIES LLC	03/17/2011	11710382.0	2552988	03/11/2015	2552988
69192-TR-EPT	Turkey	PROFESSIONAL GRADE ONE COMPONENT POLYURETHANE FOAM WITH NON-LIQUEFIED INERT PROPELLANT	DOW GLOBAL TECHNOLOGIES LLC	03/17/2011	11710382.0	2552988	03/11/2015	2552988
69221-EP-EPT	European Procedure (Patents)	PROCESS FOR BROMINATING BUTADIENE POLYMERS	DOW GLOBAL TECHNOLOGIES LLC	05/26/2011	11725261.9	2580250		
69221-IN-PCT	India	PROCESS FOR BROMINATING BUTADIENE POLYMERS	DOW GLOBAL TECHNOLOGIES LLC	05/26/2011	171/CHENP/2013	171/CHENP/2013		
69221-JP-PCT	Japan	PROCESS FOR BROMINATING BUTADIENE POLYMERS	DOW GLOBAL TECHNOLOGIES LLC	05/26/2011	2013-515358	2013-528691	07/17/2015	5778766

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PATENT NUMBER	CO-PATENT	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT NUMBER
69225-CN-PCT	China	INORGANIC NANOPOROUS PARTICLES WITH WATER DISPERSIBLE POLYURETHANE BINDER	DOW GLOBAL TECHNOLOGIES LLC	06/30/2010	201080067861.1	102985470	201080067861.1
69225-DE-EPT	Germany	INORGANIC NANOPOROUS PARTICLES WITH WATER DISPERSIBLE POLYURETHANE BINDER	DOW GLOBAL TECHNOLOGIES LLC	06/30/2010	10853889.3	2588517	602010027284.2
69225-ES-EPT	Spain	INORGANIC NANOPOROUS PARTICLES WITH WATER DISPERSIBLE POLYURETHANE BINDER	DOW GLOBAL TECHNOLOGIES LLC	06/30/2010	10853889.3	2588517	2588517
69225-FR-EPT	France	INORGANIC NANOPOROUS PARTICLES WITH WATER DISPERSIBLE POLYURETHANE BINDER	DOW GLOBAL TECHNOLOGIES LLC	06/30/2010	10853889.3	2588517	2588517
69225-GB-EPT	United Kingdom	INORGANIC NANOPOROUS PARTICLES WITH WATER DISPERSIBLE POLYURETHANE BINDER	DOW GLOBAL TECHNOLOGIES LLC	06/30/2010	10853889.3	2588517	2588517
69225-IT-EPT	Italy	INORGANIC NANOPOROUS PARTICLES WITH WATER DISPERSIBLE POLYURETHANE BINDER	DOW GLOBAL TECHNOLOGIES LLC	06/30/2010	10853889.3	2588517	502015000077887
69225-JP-PCT	Japan	INORGANIC NANOPOROUS PARTICLES WITH WATER DISPERSIBLE POLYURETHANE BINDER	DOW GLOBAL TECHNOLOGIES LLC	06/30/2010	2013-516951	2013-534958	5571851
69225-NL-EPT	Netherlands	INORGANIC NANOPOROUS PARTICLES WITH WATER DISPERSIBLE POLYURETHANE BINDER	DOW GLOBAL TECHNOLOGIES LLC	06/30/2010	10853889.3	2588517	2588517
69429-CA-PCT	Canada	NANOPOROUS POLYMERIC FOAM HAVING HIGH CELL DENSITY WITHOUT NANOFILLER	DOW GLOBAL TECHNOLOGIES LLC	02/23/2011	2791656	07/17/2018	2791656
69429-CN-PCT	China	NANOPOROUS POLYMERIC FOAM HAVING HIGH CELL DENSITY WITHOUT NANOFILLER	DOW GLOBAL TECHNOLOGIES LLC	02/23/2011	201180013100.2	102791783	201180013100.2
69429-DE-EPT	Germany	NANOPOROUS POLYMERIC FOAM HAVING HIGH CELL DENSITY WITHOUT NANOFILLER	DOW GLOBAL TECHNOLOGIES LLC	02/23/2011	11713542.6	2545110	602011032665.1

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PATENT NO.	INVENTOR	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NO.	GRANT NO.	GRANT DATE
69429-FR-EPT	France	NANOPOROUS POLYMERIC FOAM HAVING HIGH CELL DENSITY WITHOUT NANOFILLER NANOPOROUS POLYMERIC FOAM HAVING HIGH CELL DENSITY WITHOUT	DOW GLOBAL TECHNOLOGIES LLC	02/23/2011	11713542.6	2545110	11/23/2016	2545110
69429-GB-EPT	United Kingdom	NANOFILLER NANOPOROUS POLYMERIC FOAM HAVING HIGH CELL DENSITY WITHOUT	DOW GLOBAL TECHNOLOGIES LLC	02/23/2011	11713542.6	2545110	11/23/2016	2545110
69429-IN-PCT	India	NANOFILLER NANOPOROUS POLYMERIC FOAM HAVING HIGH CELL DENSITY WITHOUT	DOW GLOBAL TECHNOLOGIES LLC	02/23/2011	7617/CHE/NP/2012	7617/CHE/NP/2012		
69429-IT-EPT	Italy	NANOFILLER NANOPOROUS POLYMERIC FOAM HAVING HIGH CELL DENSITY WITHOUT	DOW GLOBAL TECHNOLOGIES LLC	02/23/2011	11713542.6	2545110	11/23/2016	502017000018144
69429-JP-PCT	Japan	NANOFILLER NANOPOROUS POLYMERIC FOAM HAVING HIGH CELL DENSITY WITHOUT	DOW GLOBAL TECHNOLOGIES LLC	02/23/2011	2012-557071	2013-522391	11/06/2015	5833580
69429-US-PCT	United States Of America	NANOFILLER MELT DEVOLATILIZATION EXTRUSION PROCESS	DOW GLOBAL TECHNOLOGIES LLC	02/23/2011	13/578092	2012-0321873	11/17/2015	9187611
70112-CN-PCT	China	MELT DEVOLATILIZATION EXTRUSION PROCESS	DOW GLOBAL TECHNOLOGIES LLC	10/12/2011	201180052724.5	103189176	05/18/2016	201180052724.5
70112-DE-EPT	Germany	MELT DEVOLATILIZATION EXTRUSION PROCESS	DOW GLOBAL TECHNOLOGIES LLC	10/12/2011	11773950.8	2608945	01/13/2016	602011022682.7
70112-FR-EPT	France	MELT DEVOLATILIZATION EXTRUSION PROCESS	DOW GLOBAL TECHNOLOGIES LLC	10/12/2011	11773950.8	2608945	01/13/2016	2608945
70112-GB-EPT	United Kingdom	MELT DEVOLATILIZATION EXTRUSION PROCESS	DOW GLOBAL TECHNOLOGIES LLC	10/12/2011	11773950.8	2608945	01/13/2016	2608945
70112-IL-PCT	Israel	MELT DEVOLATILIZATION EXTRUSION PROCESS	DOW GLOBAL TECHNOLOGIES LLC	10/12/2011	225898			
70112-IN-PCT	India	MELT DEVOLATILIZATION EXTRUSION PROCESS	DOW GLOBAL TECHNOLOGIES LLC	10/12/2011	3957/CHE/NP/2013	3957/CHE/NP/2013		
70112-JP-PCT	Japan	MELT DEVOLATILIZATION EXTRUSION PROCESS	DOW GLOBAL TECHNOLOGIES LLC	10/12/2011	2013-536653	2013-540628	01/15/2016	5869584
70112-NL-EPT	Netherlands	MELT DEVOLATILIZATION EXTRUSION PROCESS	DOW GLOBAL TECHNOLOGIES LLC	10/12/2011	11773950.8	2608945	01/13/2016	2608945
70112-US-PCT	United States Of America	MELT DEVOLATILIZATION EXTRUSION PROCESS PROCESS FOR BROMINATING BUTADIENE POLYMERS USING MIXED SOLVENTS	DOW GLOBAL TECHNOLOGIES LLC	10/12/2011	13/825885	2013-0285271	01/19/2016	9238723
70269-CN-PCT	China	MIXED SOLVENTS	DOW GLOBAL TECHNOLOGIES LLC	09/19/2011	201180047573.4	103140507	05/13/2015	201180047573.4

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PATENT NUMBER	CO-PATENT	TITLE	OWNER	PENDING DATE	APP. NUMBER	PRI. NUMBER	GRANT NUMBER
70269-DE-EPT	Germany	PROCESS FOR BROMINATING BUTADIENE POLYMERS USING MIXED SOLVENTS	DOW GLOBAL TECHNOLOGIES LLC	09/19/2011	11764396.5	2596030	602011007085.1
70269-FR-EPT	France	PROCESS FOR BROMINATING BUTADIENE POLYMERS USING MIXED SOLVENTS	DOW GLOBAL TECHNOLOGIES LLC	09/19/2011	11764396.5	2596030	2596030
70269-GB-EPT	United Kingdom	PROCESS FOR BROMINATING BUTADIENE POLYMERS USING MIXED SOLVENTS	DOW GLOBAL TECHNOLOGIES LLC	09/19/2011	11764396.5	2596030	2596030
70269-IL-PCT	Israel	PROCESS FOR BROMINATING BUTADIENE POLYMERS USING MIXED SOLVENTS	DOW GLOBAL TECHNOLOGIES LLC	09/19/2011	225366		225366
70269-IN-PCT	India	PROCESS FOR BROMINATING BUTADIENE POLYMERS USING MIXED SOLVENTS	DOW GLOBAL TECHNOLOGIES LLC	09/19/2011	3200/CHE/MP/2013		
70269-JP-PCT	Japan	PROCESS FOR BROMINATING BUTADIENE POLYMERS USING MIXED SOLVENTS	DOW GLOBAL TECHNOLOGIES LLC	09/19/2011	2013-531640	2013-538919	5898213
70269-NL-EPT	Netherlands	PROCESS FOR BROMINATING BUTADIENE POLYMERS USING MIXED SOLVENTS	DOW GLOBAL TECHNOLOGIES LLC	09/19/2011	11764396.5	2596030	2596030
70269-US-PCT	United States Of America	PROCESS FOR BROMINATING BUTADIENE POLYMERS USING MIXED SOLVENTS	DOW GLOBAL TECHNOLOGIES LLC	09/19/2011	13/817447		9062133
70428-CN-PCT	China	HOLLOW LATEX MATRIX NANOPOROUS PARTICLES IN A HOLLOW LATEX MATRIX	DOW GLOBAL TECHNOLOGIES LLC	11/15/2010	201080070146.3	103210032	201080070146.3
70428-DE-EPT	Germany	HOLLOW LATEX MATRIX NANOPOROUS PARTICLES IN A HOLLOW LATEX MATRIX	DOW GLOBAL TECHNOLOGIES LLC	11/15/2010	10859761.8	2616509	6020110022062.1
70428-FR-EPT	France	HOLLOW LATEX MATRIX NANOPOROUS PARTICLES IN A HOLLOW LATEX MATRIX	DOW GLOBAL TECHNOLOGIES LLC	11/15/2010	10859761.8	2616509	2616509
70428-JP-PCT	Japan	HOLLOW LATEX MATRIX NANOPOROUS PARTICLES IN A HOLLOW LATEX MATRIX	DOW GLOBAL TECHNOLOGIES LLC	11/15/2010	2013-539110	2013-543036	5745083
70428-US-PCT	United States Of America	HOLLOW LATEX MATRIX NANOPOROUS PARTICLES IN A HOLLOW LATEX MATRIX	DOW GLOBAL TECHNOLOGIES LLC	11/15/2010	13/879522	2013-0224464	9650500
70614-CA-PCT	Canada	POLYSTYRENE MELT EXTRUSION PROCESS	DOW GLOBAL TECHNOLOGIES LLC	11/22/2011	2820460		
70614-CN-PCT	China	POLYSTYRENE MELT EXTRUSION PROCESS	DOW GLOBAL TECHNOLOGIES LLC	11/22/2011	201180060559.8	103361297	201180060559.8
70614-DE-EPT	Germany	POLYSTYRENE MELT EXTRUSION PROCESS	DOW GLOBAL TECHNOLOGIES LLC	11/22/2011	11793933.0	2630185	
70614-EP-EPT	European Procedure (Patents)	POLYSTYRENE MELT EXTRUSION PROCESS	DOW GLOBAL TECHNOLOGIES LLC	11/22/2011	11793933.0	2630185	2630185
70614-ES-EPT	Spain	POLYSTYRENE MELT EXTRUSION PROCESS	DOW GLOBAL TECHNOLOGIES LLC	11/22/2011	11793933.0	2630185	

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PATENT NUMBER	INVENTOR	TITLE	OWNER	PENDING DATE	APP. NUMBER	PRI. NUMBER	GRANT NUMBER
70614-FR-EPT	France	POLYSTYRENE MELT EXTRUSION PROCESS POLYSTYRENE MELT	DOW GLOBAL TECHNOLOGIES LLC DOW GLOBAL	11/22/2011	11793933.0	2630185	
70614-GB-EPT	United Kingdom	EXTRUSION PROCESS POLYSTYRENE MELT	TECHNOLOGIES LLC	11/22/2011	11793933.0	2630185	
70614-GR-EPT	Greece	EXTRUSION PROCESS POLYSTYRENE MELT	DOW GLOBAL TECHNOLOGIES LLC DOW GLOBAL	11/22/2011	11793933.0	2630185	
70614-IL-PCT	Israel	EXTRUSION PROCESS POLYSTYRENE MELT	TECHNOLOGIES LLC	11/22/2011	226862		09/30/2017 226862
70614-IN-PCT	India	EXTRUSION PROCESS POLYSTYRENE MELT	DOW GLOBAL TECHNOLOGIES LLC DOW GLOBAL	11/22/2011	4511/CHE/NP/2013		
70614-IT-EPT	Italy	EXTRUSION PROCESS POLYSTYRENE MELT	TECHNOLOGIES LLC	11/22/2011	11793933.0	2630185	
70614-JP-PCT	Japan	EXTRUSION PROCESS POLYSTYRENE MELT	DOW GLOBAL TECHNOLOGIES LLC DOW GLOBAL	11/22/2011	2013-544506	2013-545872	03/04/2016 5894188
70614-NL-EPT	Netherlands	EXTRUSION PROCESS POLYSTYRENE MELT	TECHNOLOGIES LLC	11/22/2011	11793933.0	2630185	
70614-RU-PCT	Russian Federation	EXTRUSION PROCESS POLYSTYRENE MELT	DOW GLOBAL TECHNOLOGIES LLC DOW GLOBAL	11/22/2011	2013132970		11/22/2017 2593628
70614-TR-EPT	Turkey United States Of America	EXTRUSION PROCESS POLYSTYRENE MELT	TECHNOLOGIES LLC DOW GLOBAL	11/22/2011	11793933.0	2630185	
70614-US-PCT	Extrusion Process	High Strength Extruded Thermoplastic Polymer	DOW GLOBAL TECHNOLOGIES LLC	11/22/2011	13/990533		12/13/2016 9517579
70614-BR-PCT	Brazil	High Strength Extruded Thermoplastic Polymer	DOW GLOBAL TECHNOLOGIES LLC	12/14/2011	112013015136.6		
70614-CN-PCT	China	High Strength Extruded Thermoplastic Polymer	DOW GLOBAL TECHNOLOGIES LLC	12/14/2011	201180062967.7	103270094	04/01/2015 201180062967.7
70614-DE-EPT	Germany	High Strength Extruded Thermoplastic Polymer	DOW GLOBAL TECHNOLOGIES LLC	12/14/2011	11808037.3	2627697	09/02/2015 602011019455.0
70614-ES-EPT	Spain	High Strength Extruded Thermoplastic Polymer	DOW GLOBAL TECHNOLOGIES LLC	12/14/2011	11808037.3	2627697	09/02/2015 2627697
70614-FR-EPT	France	High Strength Extruded Thermoplastic Polymer	DOW GLOBAL TECHNOLOGIES LLC	12/14/2011	11808037.3	2627697	09/02/2015 2627697
70614-GB-EPT	United Kingdom	High Strength Extruded Thermoplastic Polymer	DOW GLOBAL TECHNOLOGIES LLC	12/14/2011	11808037.3	2627697	09/02/2015 2627697
70614-IN-PCT	India	High Strength Extruded Thermoplastic Polymer	DOW GLOBAL TECHNOLOGIES LLC	12/14/2011	4842/CHE/NP/2013	4842/CHE/NP/2013	
70614-IT-EPT	Italy	High Strength Extruded Thermoplastic Polymer	DOW GLOBAL TECHNOLOGIES LLC	12/14/2011	11808037.3	2627697	09/02/2015 502015000077901

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PATENT NUMBER	COUNTRY	TITLE	OWNER	PENDING DATE	APP. NUMBER	PUB. NUMBER	GRANT DATE	GRANT NUMBER
70644-KR-PCT	SOUTH KOREA	HIGH STRENGTH EXTRUDED THERMOPLASTIC POLYMER FOAM	DOW GLOBAL TECHNOLOGIES LLC	12/14/2011	10-2013-7020019	10-2014-0017537	05/15/2018	10-1859913
70644-NL-EPT	Netherlands	HIGH STRENGTH EXTRUDED THERMOPLASTIC POLYMER FOAM	DOW GLOBAL TECHNOLOGIES LLC	12/14/2011	11808037.3	2627697	09/02/2015	2627697
70644-US-PCT	United States Of America	HIGH STRENGTH EXTRUDED THERMOPLASTIC POLYMER FOAM	DOW GLOBAL TECHNOLOGIES LLC	12/14/2011	13/884997	2013-0266766	01/05/2016	9228070
70753-CN-PCT	China	SLEEVE ACTIVATED COMPRESSED FLUID DISPENSING DEVICE WITH INTERNAL SEAL	DOW GLOBAL TECHNOLOGIES LLC	02/16/2012	201280010135.5	103391817	08/10/2016	201280010135.5
70753-DE-EPT	Germany	SLEEVE ACTIVATED COMPRESSED FLUID DISPENSING DEVICE WITH INTERNAL SEAL	DOW GLOBAL TECHNOLOGIES LLC	02/16/2012	12706752.8	2658659	04/29/2015	602012006996.1
70753-ES-EPT	Spain	SLEEVE ACTIVATED COMPRESSED FLUID DISPENSING DEVICE WITH INTERNAL SEAL	DOW GLOBAL TECHNOLOGIES LLC	02/16/2012	12706752.8	2658659	04/29/2015	2658659
70753-FR-EPT	France	SLEEVE ACTIVATED COMPRESSED FLUID DISPENSING DEVICE WITH INTERNAL SEAL	DOW GLOBAL TECHNOLOGIES LLC	02/16/2012	12706752.8	2658659	04/29/2015	2658659
70753-GB-EPT	United Kingdom	SLEEVE ACTIVATED COMPRESSED FLUID DISPENSING DEVICE WITH INTERNAL SEAL	DOW GLOBAL TECHNOLOGIES LLC	02/16/2012	12706752.8	2658659	04/29/2015	2658659
70753-IT-EPT	Italy	SLEEVE ACTIVATED COMPRESSED FLUID DISPENSING DEVICE WITH INTERNAL SEAL	DOW GLOBAL TECHNOLOGIES LLC	02/16/2012	12706752.8	2658659	04/29/2015	2658659
70753-JP-PCT	Japan	SLEEVE ACTIVATED COMPRESSED FLUID DISPENSING DEVICE WITH INTERNAL SEAL	DOW GLOBAL TECHNOLOGIES LLC	02/16/2012	2013-555450	2014-509258	12/04/2015	5848366
70753-NL-EPT	Netherlands	SLEEVE ACTIVATED COMPRESSED FLUID DISPENSING DEVICE WITH INTERNAL SEAL	DOW GLOBAL TECHNOLOGIES LLC	02/16/2012	12706752.8	2658659	04/29/2015	2658659
70753-US-PCT	United States Of America	SLEEVE ACTIVATED COMPRESSED FLUID DISPENSING DEVICE WITH INTERNAL SEAL	DOW GLOBAL TECHNOLOGIES LLC	02/16/2012	13/982391	2013-0320045	05/13/2014	8720747

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NO.	GRANT NO.	GRANT DATE
70754-CN-PCT	China	COMPRESSED FLUID DISPENSING DEVICE WITH INTERNAL SEAL	DOW GLOBAL TECHNOLOGIES LLC	02/16/2012	201280010136.X	103391890	04/01/2015	201280010136.X
70754-DE-EPT	Germany	COMPRESSED FLUID DISPENSING DEVICE WITH INTERNAL SEAL	DOW GLOBAL TECHNOLOGIES LLC	02/16/2012	12706971.4	2658796	07/22/2015	602012008937.7
70754-ES-EPT	Spain	DISPENSING DEVICE WITH INTERNAL SEAL	DOW GLOBAL TECHNOLOGIES LLC	02/16/2012	12706971.4	2658796	07/22/2015	2658796
70754-FR-EPT	France	COMPRESSED FLUID DISPENSING DEVICE WITH INTERNAL SEAL	DOW GLOBAL TECHNOLOGIES LLC	02/16/2012	12706971.4	2658796	07/22/2015	2658796
70754-GB-EPT	United Kingdom	DISPENSING DEVICE WITH INTERNAL SEAL	DOW GLOBAL TECHNOLOGIES LLC	02/16/2012	12706971.4	2658796	07/22/2015	2658796
70754-IT-EPT	Italy	COMPRESSED FLUID DISPENSING DEVICE WITH INTERNAL SEAL	DOW GLOBAL TECHNOLOGIES LLC	02/16/2012	12706971.4	2658796	07/22/2015	502015000063213
70754-JP-PCT	Japan	DISPENSING DEVICE WITH INTERNAL SEAL	DOW GLOBAL TECHNOLOGIES LLC	02/16/2012	2013-555451	2014-510680	04/08/2016	5912137
70754-NL-EPT	Netherlands	COMPRESSED FLUID DISPENSING DEVICE WITH INTERNAL SEAL	DOW GLOBAL TECHNOLOGIES LLC	02/16/2012	12706971.4	2658796	07/22/2015	2658796
70754-US-PCT	United States Of America	DISPENSING DEVICE WITH INTERNAL SEAL	DOW GLOBAL TECHNOLOGIES LLC	02/16/2012	13/982495	2013-0320044	04/22/2014	8701945
71059-CN-PCT	China	SELECTIVE GAS TRANSPORT FILMS THAT CONTAIN BROMINATED STYRENE-BUTADIENE COPOLYMERS	DOW GLOBAL TECHNOLOGIES LLC	06/27/2012	201280034957.7	103649191	05/18/2016	2012800349577
71059-EP-EPT	European Procedure (Patents)	BROMINATED STYRENE-BUTADIENE COPOLYMERS SELECTIVE GAS TRANSPORT FILMS THAT CONTAIN	DOW GLOBAL TECHNOLOGIES LLC	06/27/2012	12737383.5	2731983		
71059-IN-PCT	India	BROMINATED STYRENE-BUTADIENE COPOLYMERS SELECTIVE GAS TRANSPORT FILMS THAT CONTAIN	DOW GLOBAL TECHNOLOGIES LLC	06/27/2012	203/CHE/NP/2014	203/CHE/NP/2014		
71059-US-PCT	United States Of America	BROMINATED STYRENE-BUTADIENE COPOLYMERS METHOD FOR SEALING	DOW GLOBAL TECHNOLOGIES LLC	06/27/2012	14/126836	2014-0116248	09/08/2015	9126153
71141-US-DIV	United States Of America	FENESTRATION OPENINGS METHOD FOR SEALING	DOW GLOBAL TECHNOLOGIES LLC	10/17/2013	14/056584	2014-0044882	06/13/2017	9677324
71141-US-NP	United States Of America	FENESTRATION OPENINGS	TECHNOLOGIES LLC	07/26/2012	13/558379	2013-0042961	02/04/2014	8641846

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PATENT NO.	INVENTOR	TITLE	OWNER	PENDING DATE	APP. NUMBER	REF. NUMBER	GRANT NUMBER	GRANT DATE
71345-US-NP	United States Of America	FLOATING DOCK SYSTEM	DOW GLOBAL TECHNOLOGIES LLC	07/05/2012	13/542330		04/22/2014	8701582
71381-CN-PCT	China	MELT DEVOLATILIZATION	TECHNOLOGIES LLC	09/14/2012	201280047049.1	103890048	12/02/2015	201280047049.1
71381-DE-EPT	Germany	MELT DEVOLATILIZATION	DOW GLOBAL TECHNOLOGIES LLC	09/14/2012	12769548.4	2736963	12/06/2017	602012040611.9
71381-EP-EPT	European Procedure (Patents)	MELT DEVOLATILIZATION	DOW GLOBAL TECHNOLOGIES LLC	09/14/2012	12769548.4	2736963	12/06/2017	2736963
71381-FR-EPT	France	MELT DEVOLATILIZATION	TECHNOLOGIES LLC	09/14/2012	12769548.4	2736963	12/06/2017	2736963
71381-GB-EPT	United Kingdom	MELT DEVOLATILIZATION	DOW GLOBAL TECHNOLOGIES LLC	09/14/2012	12769548.4	2736963	12/06/2017	2736963
71381-IL-PCT	Israel	MELT DEVOLATILIZATION	DOW GLOBAL TECHNOLOGIES LLC	09/14/2012	231605		05/01/2017	231605
71381-IN-PCT	India	MELT DEVOLATILIZATION	DOW GLOBAL TECHNOLOGIES LLC	09/14/2012	2210/CHE/NP/2014	2210/CHE/NP/2014		
71381-JP-PCT	Japan	MELT DEVOLATILIZATION	DOW GLOBAL TECHNOLOGIES LLC	09/14/2012	2014-533594	2014-528024	03/10/2017	6105596
71381-NL-EPT	Netherlands	EXTRUSION PROCESS	TECHNOLOGIES LLC	09/14/2012	12769548.4	2736963	12/06/2017	2736963
71381-US-PCT	United States Of America	MELT DEVOLATILIZATION	DOW GLOBAL TECHNOLOGIES LLC	09/14/2012	14/240861		10/11/2016	9464175
71526-CA-PCT	Canada	FOAM	DOW GLOBAL TECHNOLOGIES LLC	09/14/2012	2850128			
71526-CN-PCT	China	CONTINUOUS PROCESS FOR EXTRUDING NANOPOROUS FOAM	DOW GLOBAL TECHNOLOGIES LLC	09/14/2012	201280047315.0	103826821	07/13/2016	201280047315.0
71526-DE-EPT	Germany	FOAM	DOW GLOBAL TECHNOLOGIES LLC					
71526-EP-EPT	European Procedure (Patents)	CONTINUOUS PROCESS FOR EXTRUDING NANOPOROUS FOAM	DOW GLOBAL TECHNOLOGIES LLC	09/14/2012	12769540.1	2731775		
71526-ES-EPT	Spain	CONTINUOUS PROCESS FOR EXTRUDING NANOPOROUS FOAM	DOW GLOBAL TECHNOLOGIES LLC					
71526-FR-EPT	France	CONTINUOUS PROCESS FOR EXTRUDING NANOPOROUS FOAM	DOW GLOBAL TECHNOLOGIES LLC					
71526-GB-EPT	United Kingdom	EXTRUDING NANOPOROUS FOAM	DOW GLOBAL TECHNOLOGIES LLC					

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PATENT NUMBER	COUNTRY	TITLE	OWNER	PENDING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE
71526-IN-PCT	India	CONTINUOUS PROCESS FOR EXTRUDING NANOPOROUS FOAM	DOW GLOBAL TECHNOLOGIES LLC	09/14/2012	2215/CHE/JP/2014		
71526-IT-EPT	Italy	CONTINUOUS PROCESS FOR EXTRUDING NANOPOROUS FOAM	DOW GLOBAL TECHNOLOGIES LLC				
71526-JP-PCT	Japan	CONTINUOUS PROCESS FOR EXTRUDING NANOPOROUS FOAM	DOW GLOBAL TECHNOLOGIES LLC	09/14/2012	2014-533580	2014-528997	02/10/2017
71526-NL-EPT	Netherlands	CONTINUOUS PROCESS FOR EXTRUDING NANOPOROUS FOAM	DOW GLOBAL TECHNOLOGIES LLC				
71526-US-PCT	United States Of America	CONTINUOUS PROCESS FOR EXTRUDING NANOPOROUS FOAM	DOW GLOBAL TECHNOLOGIES LLC	09/14/2012	14/238679	2014-0221512	09/29/2015
71565-CA-PCT	Canada	POLYMERIC NANOFOAM	DOW GLOBAL TECHNOLOGIES LLC	09/14/2012	2850129		
71565-CN-PCT	China	POLYMERIC NANOFOAM	DOW GLOBAL TECHNOLOGIES LLC	09/14/2012	201280047914.2	103842417	03/09/2016
71565-DE-EPT	Germany	POLYMERIC NANOFOAM	TECHNOLOGIES LLC	09/14/2012	12769541.9	2734577	03/28/2018
71565-EP-EPT	European Procedure (Patents)	POLYMERIC NANOFOAM	DOW GLOBAL TECHNOLOGIES LLC	09/14/2012	12769541.9	2734577	03/28/2018
71565-ES-EPT	Spain	POLYMERIC NANOFOAM	TECHNOLOGIES LLC	09/14/2012	12769541.9	2734577	03/28/2018
71565-FR-EPT	France	POLYMERIC NANOFOAM	TECHNOLOGIES LLC	09/14/2012	12769541.9	2734577	03/28/2018
71565-GB-EPT	United Kingdom	POLYMERIC NANOFOAM	TECHNOLOGIES LLC	09/14/2012	12769541.9	2734577	03/28/2018
71565-GR-EPT	Greece	POLYMERIC NANOFOAM	DOW GLOBAL TECHNOLOGIES LLC	09/14/2012	12769541.9	2734577	03/28/2018
71565-IN-PCT	India	POLYMERIC NANOFOAM	TECHNOLOGIES LLC	09/14/2012	2286/CHE/JP/2014	2286/CHE/JP/2014	
71565-IT-EPT	Italy	POLYMERIC NANOFOAM	DOW GLOBAL TECHNOLOGIES LLC	09/14/2012	12769541.9	2734577	03/28/2018
71565-JP-PCT	Japan	POLYMERIC NANOFOAM	TECHNOLOGIES LLC	09/14/2012	2014-533581	2014-528495	02/10/2017
71565-TR-EPT	Turkey	POLYMERIC NANOFOAM	TECHNOLOGIES LLC	09/14/2012	12769541.9	2734577	03/28/2018
71827-AT-EPT	Austria	FIRE RESISTANT COMPOSITE STRUCTURE	TECHNOLOGIES LLC	03/27/2013	13714523.1	2830875	05/25/2016
71827-BR-PCT	Brazil	FIRE RESISTANT COMPOSITE STRUCTURE	DOW GLOBAL TECHNOLOGIES LLC	03/27/2013	1120140233920		
71827-CN-PCT	China	FIRE RESISTANT COMPOSITE STRUCTURE	TECHNOLOGIES LLC	03/27/2013	201380017656.8	104245302	12/07/2016

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PATENT NUMBER	COUNTRY	TITLE	OWNER	PENDING DATE	APP. NUMBER	PUB. NUMBER	GRANT DATE	GRANT NUMBER
71827-DE-EPT	Germany	FIRE RESISTANT COMPOSITE STRUCTURE	DOW GLOBAL TECHNOLOGIES LLC	03/27/2013	13714523.1	2830875	05/25/2016	602013007956.0
71827-ES-EPT	Spain	FIRE RESISTANT COMPOSITE STRUCTURE	DOW GLOBAL TECHNOLOGIES LLC	03/27/2013	13714523.1	2830875	05/25/2016	2830875
71827-FR-EPT	France	FIRE RESISTANT COMPOSITE STRUCTURE	DOW GLOBAL TECHNOLOGIES LLC	03/27/2013	13714523.1	2830875	05/25/2016	2830875
71827-GB-EPT	United Kingdom	FIRE RESISTANT COMPOSITE STRUCTURE	DOW GLOBAL TECHNOLOGIES LLC	03/27/2013	13714523.1	2830875	05/25/2016	2830875
71827-IT-EPT	Italy	FIRE RESISTANT COMPOSITE STRUCTURE	DOW GLOBAL TECHNOLOGIES LLC	03/27/2013	13714523.1	2830875	05/25/2016	502016000082593
71827-JP-PCT	Japan	FIRE RESISTANT COMPOSITE STRUCTURE	TECHNOLOGIES LLC	03/27/2013	2015-503537	2015-518435	11/17/2017	6243400
71827-MX-PCT	Mexico	FIRE RESISTANT COMPOSITE STRUCTURE	DOW GLOBAL TECHNOLOGIES LLC	03/27/2013	MX/4/14/011835			
71827-PL-EPT	Poland	FIRE RESISTANT COMPOSITE STRUCTURE	DOW GLOBAL TECHNOLOGIES LLC	03/27/2013	13714523.1	2830875	05/25/2016	2830875
71827-RO-EPT	Romania	FIRE RESISTANT COMPOSITE STRUCTURE	DOW GLOBAL TECHNOLOGIES LLC	03/27/2013	13714523.1	2830875	05/25/2016	2830875
71827-TR-EPT	Turkey	FIRE RESISTANT COMPOSITE STRUCTURE	TECHNOLOGIES LLC	03/27/2013	13714523.1	2830875	05/25/2016	2830875
71827-US-PCT	United States Of America	FIRE RESISTANT COMPOSITE STRUCTURE	DOW GLOBAL TECHNOLOGIES LLC	03/27/2013	14/384813	2015-0079367		
71967-CA-PCT	Canada	POLYMER FOAMS BY CARBON-MICHAEL ADDITION, AND FOAMING PROCESS	DOW GLOBAL TECHNOLOGIES LLC	12/20/2012	2859818			
71967-CN-PCT	China	POLYMER FOAMS BY CARBON-MICHAEL ADDITION, AND FOAMING PROCESS	DOW GLOBAL TECHNOLOGIES LLC	12/20/2012	201280064473.7	104024313	09/14/2016	201280064473.7
71967-DE-EPT	Germany	POLYMER FOAMS BY CARBON-MICHAEL ADDITION, AND FOAMING PROCESS	DOW GLOBAL TECHNOLOGIES LLC	12/20/2012	12821348.5	2782955	11/30/2016	602012026138.2
71967-ES-EPT	Spain	POLYMER FOAMS BY CARBON-MICHAEL ADDITION, AND FOAMING PROCESS	DOW GLOBAL TECHNOLOGIES LLC	12/20/2012	12821348.5	2782955	11/30/2016	2782955
71967-FR-EPT	France	POLYMER FOAMS BY CARBON-MICHAEL ADDITION, AND FOAMING PROCESS	DOW GLOBAL TECHNOLOGIES LLC	12/20/2012	12821348.5	2782955	11/30/2016	2782955
71967-GB-EPT	United Kingdom	POLYMER FOAMS BY CARBON-MICHAEL ADDITION, AND FOAMING PROCESS	DOW GLOBAL TECHNOLOGIES LLC	12/20/2012	12821348.5	2782955	11/30/2016	2782955

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PATENT NUMBER	IPC CLASS	INVENTOR	ASSIGNOR	PRIOR ART NUMBER	GRANT NUMBER	GRANT DATE
71967-IN-PCT	India	NON-ISOCYANATE RIGID POLYMER FOAMS BY CARBON-MICHAEL ADDITION, AND FOAMING PROCESS	DOW GLOBAL TECHNOLOGIES LLC	12/20/2012	4732/CHE/NP/2014	4732/CHE/NP/2014
71967-IT-EPT	Italy	NON-ISOCYANATE RIGID POLYMER FOAMS BY CARBON-MICHAEL ADDITION, AND FOAMING PROCESS	DOW GLOBAL TECHNOLOGIES LLC	12/20/2012	12821348.5	2782955
71967-JP-PCT	Japan	NON-ISOCYANATE RIGID POLYMER FOAMS BY CARBON-MICHAEL ADDITION, AND FOAMING PROCESS	DOW GLOBAL TECHNOLOGIES LLC	12/20/2012	2014-550387	2015-503663
71967-NL-EPT	Netherlands	NON-ISOCYANATE RIGID POLYMER FOAMS BY CARBON-MICHAEL ADDITION, AND FOAMING PROCESS	DOW GLOBAL TECHNOLOGIES LLC	12/20/2012	12821348.5	2782955
71967-RU-PCT	Russian Federation	NON-ISOCYANATE RIGID POLYMER FOAMS BY CARBON-MICHAEL ADDITION, AND FOAMING PROCESS	DOW GLOBAL TECHNOLOGIES LLC	12/20/2012	2014131037	2014131037
71967-US-PCT	United States Of America	NON-ISOCYANATE RIGID POLYMER FOAMS BY CARBON-MICHAEL ADDITION, AND FOAMING PROCESS	DOW GLOBAL TECHNOLOGIES LLC	12/20/2012	14/358825	2014-0343182
71969-CA-PCT	Canada	NON-ISOCYANATE RIGID POLYMER FOAMS BY CARBON-MICHAEL ADDITION, AND FOAMING PROCESS	DOW GLOBAL TECHNOLOGIES LLC	12/11/2012	2858219	
71969-CN-PCD	China	NON-ISOCYANATE RIGID POLYMER FOAMS BY CARBON-MICHAEL ADDITION, AND FOAMING PROCESS	DOW GLOBAL TECHNOLOGIES LLC	07/23/2018	201810811257.3	
71969-CN-PCT	China	NON-ISOCYANATE RIGID POLYMER FOAMS BY CARBON-MICHAEL ADDITION, AND FOAMING PROCESS	DOW GLOBAL TECHNOLOGIES LLC	12/11/2012	201280062612.2	103998498
71969-EP-EPT	European Procedure (Patents)	NON-ISOCYANATE RIGID POLYMER FOAMS BY CARBON-MICHAEL ADDITION, AND FOAMING PROCESS	DOW GLOBAL TECHNOLOGIES LLC	12/11/2012	12812441.9	2794737
71969-IN-PCT	India	NON-ISOCYANATE RIGID POLYMER FOAMS BY CARBON-MICHAEL ADDITION, AND FOAMING PROCESS	DOW GLOBAL TECHNOLOGIES LLC	12/11/2012	4478/CHE/NP/2014	4478/CHE/NP/2014

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PATENT NUMBER	CO-PATENT	TITLE	OWNER	PENDING DATE	APP. NUMBER	PIF# NUMBER	GRANT NUMBER
		THERMOSET POLYURETHANE FOAM CONTAINING BROMINATED POLYMERIC FLAME RETARDANT	DOW GLOBAL TECHNOLOGIES LLC	12/11/2012	2014-547342	2015-505892	6110401
71969-JP-PCT	Japan	THERMOSET POLYURETHANE FOAM CONTAINING BROMINATED POLYMERIC FLAME RETARDANT	DOW GLOBAL TECHNOLOGIES LLC	12/11/2012	2014-547342	2015-505892	6110401
71969-US-PCT	United States Of America	BROMINATED POLYMERIC FLAME RETARDANT	DOW GLOBAL TECHNOLOGIES LLC	12/11/2012	14/359530	2014-0343180	9441108
72663-CA-NP	Canada	WALL STRUCTURE WITH ENHANCED CLADDING SUPPORT	DOW GLOBAL TECHNOLOGIES LLC	07/02/2013	2819719		
72663-US-NP	United States Of America	WALL STRUCTURE WITH ENHANCED CLADDING SUPPORT	DOW GLOBAL TECHNOLOGIES LLC	06/24/2013	13/924660	2014-0007534	8720141
72801-CA-PCT	Canada	FOAM WALL INSULATION SYSTEM	DOW GLOBAL TECHNOLOGIES LLC	05/28/2013	2872634		
72801-CN-PCT	China	FOAM WALL INSULATION SYSTEM	TECHNOLOGIES LLC	05/28/2013	201380029944.5	104350220	201380029944.5
72801-EP-EPT	European Procedure (Patents)	FOAM WALL INSULATION SYSTEM	DOW GLOBAL TECHNOLOGIES LLC	05/28/2013	13730393.9	2850258	
72801-JP-PCT	Japan	FOAM WALL INSULATION SYSTEM	TECHNOLOGIES LLC	05/28/2013	2015-516056	2015-525316	6189943
72801-US-PCT	United States Of America	FOAM WALL INSULATION SYSTEM	DOW GLOBAL TECHNOLOGIES LLC	05/28/2013	14/396859	2015-0111001	9617729
72802-CA-PCT	Canada	POLYMERIC FOAM INSULATION SYSTEM FOR PIPES	DOW GLOBAL TECHNOLOGIES LLC	05/28/2013	2872638		
72802-CN-PCT	China	POLYMERIC FOAM INSULATION SYSTEM FOR PIPES	DOW GLOBAL TECHNOLOGIES LLC	05/28/2013	201380029865.4	104364077	201380029865.4
72802-EP-EPT	European Procedure (Patents)	POLYMERIC FOAM INSULATION SYSTEM FOR PIPES	DOW GLOBAL TECHNOLOGIES LLC	05/28/2013	13812206.4	2830874	
72802-JP-PCT	Japan	POLYMERIC FOAM INSULATION SYSTEM FOR PIPES	DOW GLOBAL TECHNOLOGIES LLC	05/28/2013	2015-516057	2015-528086	6212112
72802-US-PCT	United States Of America	POLYMERIC FOAM INSULATION SYSTEM FOR PIPES	DOW GLOBAL TECHNOLOGIES LLC	05/28/2013	14/396862	2015-0140243	9897245
73510-EP-EPT	European Procedure (Patents)	ONE-COMPONENT SPRAY POLYURETHANE APPLICATION	DOW GLOBAL TECHNOLOGIES LLC	08/13/2013	13752767.7	2890732	
73510-US-PCT	United States Of America	ONE-COMPONENT SPRAY POLYURETHANE APPLICATION	DOW GLOBAL TECHNOLOGIES LLC	08/13/2013	14/415359	2015-0191577	9534100

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PATENT NUMBER	CO-PATENT NUMBER	TITLE	OWNER	ISSUANCE DATE	APP. NUMBER	PRI. NUMBER	GRANT NUMBER
		NANOCELLULAR THERMOPLASTIC FOAM AND PROCESS FOR MAKING THE SAME	DOW GLOBAL TECHNOLOGIES LLC	09/13/2013	2884425		
73513-CA-PCT	Canada	NANOCELLULAR THERMOPLASTIC FOAM AND PROCESS FOR MAKING THE SAME	DOW GLOBAL TECHNOLOGIES LLC	09/13/2013			
73513-CN-PCT	China	NANOCELLULAR THERMOPLASTIC FOAM AND PROCESS FOR MAKING THE SAME	DOW GLOBAL TECHNOLOGIES LLC	09/13/2013	201380048214.X	104736617	201380048214.X
73513-DE-EPT	Germany	NANOCELLULAR THERMOPLASTIC FOAM AND PROCESS FOR MAKING THE SAME	DOW GLOBAL TECHNOLOGIES LLC	09/13/2013	13766207.8	2875067	602013099008.4
73513-ES-EPT	Spain	NANOCELLULAR THERMOPLASTIC FOAM AND PROCESS FOR MAKING THE SAME	DOW GLOBAL TECHNOLOGIES LLC	09/13/2013	13766207.8	2875067	2875067
73513-FR-EPT	France	NANOCELLULAR THERMOPLASTIC FOAM AND PROCESS FOR MAKING THE SAME	DOW GLOBAL TECHNOLOGIES LLC	09/13/2013	13766207.8	2875067	2875067
73513-GB-EPT	United Kingdom	NANOCELLULAR THERMOPLASTIC FOAM AND PROCESS FOR MAKING THE SAME	DOW GLOBAL TECHNOLOGIES LLC	09/13/2013	13766207.8	2875067	2875067
73513-IT-EPT	Italy	NANOCELLULAR THERMOPLASTIC FOAM AND PROCESS FOR MAKING THE SAME	DOW GLOBAL TECHNOLOGIES LLC	09/13/2013	13766207.8	2875067	502016000088259
73513-JP-PCT	Japan	NANOCELLULAR THERMOPLASTIC FOAM AND PROCESS FOR MAKING THE SAME	DOW GLOBAL TECHNOLOGIES LLC	09/13/2013	2015-533119	2015-533893	6158931
73513-NL-EPT	Netherlands	NANOCELLULAR THERMOPLASTIC FOAM AND PROCESS FOR MAKING THE SAME	DOW GLOBAL TECHNOLOGIES LLC	09/13/2013	13766207.8	2875067	2875067
73513-TR-EPT	Turkey	NANOCELLULAR THERMOPLASTIC FOAM AND PROCESS FOR MAKING THE SAME	DOW GLOBAL TECHNOLOGIES LLC	09/13/2013	13766207.8	2875067	2875067
73513-US-PCT	United States Of America	NANOCELLULAR THERMOPLASTIC FOAM AND PROCESS FOR MAKING THE SAME	DOW GLOBAL TECHNOLOGIES LLC	09/13/2013	14421851	2015-0203647	9145477
73520-CA-PCT	Canada	POLYETHYLENE WAX AND BROMINATED POLYMER IN STYRENIC POLYMER	DOW GLOBAL TECHNOLOGIES LLC	11/26/2012	2857422		

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Patent No.	IPC Class.	Inventor	App. No.	Pub. No.	Pub. Date	Grant No.	Grant Date
73520-CN-PCT	73520-CN-PCT	China	POLYETHYLENE WAX AND BROMINATED POLYMER IN STYRENIC POLYMER	201280059232.3	104024327	02/22/2017	201280059232.3
73520-DE-EPT	73520-DE-EPT	Germany	POLYETHYLENE WAX AND BROMINATED POLYMER IN STYRENIC POLYMER	12795301.6	2785789	02/01/2017	60201202363.7
73520-EP-EPT	73520-EP-EPT	European Procedure (Patents)	BROMINATED POLYMER IN STYRENIC POLYMER	12795301.6	2785789	02/01/2017	2785789
73520-ES-EPT	73520-ES-EPT	Spain	POLYETHYLENE WAX AND BROMINATED POLYMER IN STYRENIC POLYMER	12795301.6	2785789	02/01/2017	2785789
73520-FR-EPT	73520-FR-EPT	France	STYRENIC POLYMER	12795301.6	2785789	02/01/2017	2785789
73520-GB-EPT	73520-GB-EPT	United Kingdom	POLYETHYLENE WAX AND BROMINATED POLYMER IN STYRENIC POLYMER	12795301.6	2785789	02/01/2017	2785789
73520-IN-PCT	73520-IN-PCT	India	COMPOSITION FOR POLYMERIC FOAM COMPRISING STYRENIC POLYMER, POLYETHYLENE WAX AND BROMINATED VINYLAROMATICS/BUTADIENE-COPOLYMER	4040/CHE/NP/2014	4040/CHE/NP/2014		
73520-IT-EPT	73520-IT-EPT	Italy	BROMINATED POLYMER IN STYRENIC POLYMER	12795301.6	2785789	02/01/2017	502017000046240
73520-JP-PCT	73520-JP-PCT	Japan	POLYETHYLENE WAX AND BROMINATED POLYMER IN STYRENIC POLYMER	2014-544795	2015-503007	05/19/2017	6144693
73520-NL-EPT	73520-NL-EPT	Netherlands	BROMINATED POLYMER IN STYRENIC POLYMER	12795301.6	2785789	02/01/2017	2785789
73520-TR-EPT	73520-TR-EPT	Turkey	POLYETHYLENE WAX AND BROMINATED POLYMER IN STYRENIC POLYMER	12795301.6	2785789	02/01/2017	2785789
73520-US-PCT	73520-US-PCT	United States Of America	POLYETHYLENE WAX AND BROMINATED POLYMER IN STYRENIC POLYMER	14/355306	2014-0288203	07/19/2016	9394437
73748-CA-PCT	73748-CA-PCT	Canada	PHOSPHOROUS-CONTAINING ALUMINUM CARBOXYLATE SALT FLAME RETARDANTS	2887053			
73748-CN-PCT	73748-CN-PCT	China	ALUMINUM CARBOXYLATE SALT FLAME RETARDANTS	201380053310.3	104718217	08/31/2016	201380053310.3

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PATENT NO.	IPC CLASS.	INVENTOR	ASSIGNOR	INVENTOR DATE	ASSIGNOR DATE	INVENTOR NO.	ASSIGNOR NO.	INVENTOR NO.	ASSIGNOR NO.
73748-DE-EPT	PHOSPHOROUS-CONTAINING ALUMINUM CARBOXYLATE SALT FLAME RETARDANTS	Germany	DOW GLOBAL TECHNOLOGIES LLC	10/08/2013	13783144.2	2909220	11/23/2016	602013014506.7	
73748-ES-EPT	ALUMINUM CARBOXYLATE SALT FLAME RETARDANTS	Spain	DOW GLOBAL TECHNOLOGIES LLC	10/08/2013	13783144.2	2909220	11/23/2016	2909220	
73748-GB-EPT	ALUMINUM CARBOXYLATE SALT FLAME RETARDANTS	United Kingdom	DOW GLOBAL TECHNOLOGIES LLC	10/08/2013	13783144.2	2909220	11/23/2016	2909220	
73748-IT-EPT	ALUMINUM CARBOXYLATE SALT FLAME RETARDANTS	Italy	DOW GLOBAL TECHNOLOGIES LLC	10/08/2013	13783144.2	2909220	11/23/2016	502017000010014	
73748-JP-PCT	PHOSPHOROUS-CONTAINING ALUMINUM CARBOXYLATE SALT FLAME RETARDANTS	Japan	DOW GLOBAL TECHNOLOGIES LLC	10/08/2013	2015-537725	2016-500687	05/11/2018	6334546	
73748-NL-EPT	PHOSPHOROUS-CONTAINING ALUMINUM CARBOXYLATE SALT FLAME RETARDANTS	Netherlands	DOW GLOBAL TECHNOLOGIES LLC	10/08/2013	13783144.2	2909220	11/23/2016	2909220	
73748-US-PCT	PHOSPHOROUS-CONTAINING ALUMINUM CARBOXYLATE SALT FLAME RETARDANTS	United States Of America	DOW GLOBAL TECHNOLOGIES LLC	10/08/2013	14428041	2015-0225546	05/31/2016	9353246	
73881-CA-PCT	CELL SIZE ENLARGING AGENT FOR STYRENIC FOAM	Canada	TECHNOLOGIES LLC	11/11/2013	2892607				
73881-CN-PCT	CELL SIZE ENLARGING AGENT FOR STYRENIC FOAM	China	TECHNOLOGIES LLC	11/11/2013	201380060699.4	104797642	07/21/2017	201380060699.4	
73881-DE-EPT	CELL SIZE ENLARGING AGENT FOR STYRENIC FOAM	Germany	TECHNOLOGIES LLC	11/11/2013	13798463.9	2898006	07/06/2016	602013009234.6	
73881-ES-EPT	CELL SIZE ENLARGING AGENT FOR STYRENIC FOAM	Spain	TECHNOLOGIES LLC	11/11/2013	13798463.9	2898006	07/06/2016	2898006	
73881-FR-EPT	CELL SIZE ENLARGING AGENT FOR STYRENIC FOAM	France	TECHNOLOGIES LLC	11/11/2013	13798463.9	2898006	07/06/2016	2898006	
73881-GB-EPT	CELL SIZE ENLARGING AGENT FOR STYRENIC FOAM	United Kingdom	TECHNOLOGIES LLC	11/11/2013	13798463.9	2898006	07/06/2016	2898006	
73881-IT-EPT	CELL SIZE ENLARGING AGENT FOR STYRENIC FOAM	Italy	TECHNOLOGIES LLC	11/11/2013	13798463.9	2898006	07/06/2016	502016000100412	
73881-JP-PCT	CELL SIZE ENLARGING AGENT FOR STYRENIC FOAM	Japan	TECHNOLOGIES LLC	11/11/2013	2015-545065	2015-535554	01/12/2018	6272896	
73881-NL-EPT	CELL SIZE ENLARGING AGENT FOR STYRENIC FOAM	Netherlands	TECHNOLOGIES LLC	11/11/2013	13798463.9	2898006	07/06/2016	2898006	
73881-TR-EPT	CELL SIZE ENLARGING AGENT FOR STYRENIC FOAM	Turkey	TECHNOLOGIES LLC	11/11/2013	13798463.9	2898006	07/06/2016	2898006	
73955-CA-PCT	POLYHEDRAL OLIGOMERIC SILSESQUOXANE GRAFTED POLYMER IN POLYMERIC FOAM	Canada	DOW GLOBAL TECHNOLOGIES LLC	11/11/2013	2890214				

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Patent Number	Country	Title	Inventor	Filing Date	App. Number	Pub. Number	Grant Date	Grant Number
73955-CN-PCT	China	POLYHEDRAL OLIGOMERIC SILSESQUOXANE GRAFTED POLYMER IN POLYMERIC FOAM	DOW GLOBAL TECHNOLOGIES LLC	11/11/2013	201380059004.0	104781322	04/27/2018	201380059004.0
73955-DE-EPT	Germany	POLYHEDRAL OLIGOMERIC SILSESQUOXANE GRAFTED POLYMER IN POLYMERIC FOAM	DOW GLOBAL TECHNOLOGIES LLC	11/11/2013	13808283.9	2898007	12/28/2016	602013016007.4
73955-FR-EPT	France	POLYHEDRAL OLIGOMERIC SILSESQUOXANE GRAFTED POLYMER IN POLYMERIC FOAM	DOW GLOBAL TECHNOLOGIES LLC	11/11/2013	13808283.9	2898007	12/28/2016	2898007
73955-GB-EPT	United Kingdom	POLYHEDRAL OLIGOMERIC SILSESQUOXANE GRAFTED POLYMER IN POLYMERIC FOAM	DOW GLOBAL TECHNOLOGIES LLC	11/11/2013	13808283.9	2898007	12/28/2016	2898007
73955-IT-EPT	Italy	POLYHEDRAL OLIGOMERIC SILSESQUOXANE GRAFTED POLYMER IN POLYMERIC FOAM	DOW GLOBAL TECHNOLOGIES LLC	11/11/2013	13808283.9	2898007	12/28/2016	502017000030802
73955-JP-PCT	Japan	POLYHEDRAL OLIGOMERIC SILSESQUOXANE GRAFTED POLYMER IN POLYMERIC FOAM	DOW GLOBAL TECHNOLOGIES LLC	11/11/2013	2015-542713	2015-535032	06/16/2017	6158941
73955-NL-EPT	Netherlands	POLYHEDRAL OLIGOMERIC SILSESQUOXANE GRAFTED POLYMER IN POLYMERIC FOAM	DOW GLOBAL TECHNOLOGIES LLC	11/11/2013	13808283.9	2898007	12/28/2016	2898007
73955-US-PCT	United States Of America	POLYHEDRAL OLIGOMERIC SILSESQUOXANE GRAFTED POLYMER IN POLYMERIC FOAM	DOW GLOBAL TECHNOLOGIES LLC	11/11/2013	14/437088	2015-0284527	01/17/2017	9546256
74123-JP-NP	Japan	MULTI-STACK REINFORCED BOARD USED IN TATAMI FLOOR FOR RESIDENTIAL APPLICATION	DOW GLOBAL TECHNOLOGIES LLC	12/14/2012	2012.273758	2014.118720	01/20/2017	6076067
74394-CA-PCT	Canada	THERMOPLASTIC POLYMERIC FOAM PIPE INSULATION	DOW GLOBAL TECHNOLOGIES LLC	02/17/2014	2901124			
74394-CN-PCT	China	THERMOPLASTIC POLYMERIC FOAM PIPE INSULATION	DOW GLOBAL TECHNOLOGIES LLC	02/17/2014	201480006910.9	104968721		
74394-JP-PCT	Japan	THERMOPLASTIC POLYMERIC FOAM PIPE INSULATION	DOW GLOBAL TECHNOLOGIES LLC	02/17/2014	2015-558898	2016-515146	08/04/2017	6185607
74394-US-PCT	United States Of America	THERMOPLASTIC POLYMERIC FOAM PIPE INSULATION	DOW GLOBAL TECHNOLOGIES LLC	02/17/2014	14/655820	2015-0345691	12/19/2017	9845911
74853-CA-PCT	Canada	SMOOTH MILLED POLYMERIC FOAM ARTICLE	DOW GLOBAL TECHNOLOGIES LLC	06/09/2014	2914567			

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PATENT NUMBER	IPC CLASS	INVENTOR	ASSIGNOR	PRIOR ART	GRANT NUMBER
74853-EP-EPT	European Procedure (Patents)	SMOOTH MILLED POLYMERIC FOAM ARTICLE	DOW GLOBAL TECHNOLOGIES LLC	06/09/2014	14734698.5
74853-US-PCD	United States Of America	SMOOTH MILLED POLYMERIC FOAM ARTICLE	DOW GLOBAL TECHNOLOGIES LLC	06/22/2017	15/629903
75173-CA-PCT	Canada	PRECIPITATION HARDENING OF TANTALUM COATED METALS	DOW GLOBAL TECHNOLOGIES LLC	11/19/2014	2931479
75173-CN-PCT	China	PRECIPITATION HARDENING OF TANTALUM COATED METALS	DOW GLOBAL TECHNOLOGIES LLC	11/19/2014	201480062907.9
75173-DE-EPT	Germany	PRECIPITATION HARDENING OF TANTALUM COATED METALS	DOW GLOBAL TECHNOLOGIES LLC	11/19/2014	14809212.5
75173-DK-EPT	Denmark	PRECIPITATION HARDENING OF TANTALUM COATED METALS	DOW GLOBAL TECHNOLOGIES LLC	11/19/2014	14809212.5
75173-EP-EPT	European Procedure (Patents)	PRECIPITATION HARDENING OF TANTALUM COATED METALS	DOW GLOBAL TECHNOLOGIES LLC	11/19/2014	14809212.5
75173-FR-EPT	France	PRECIPITATION HARDENING OF TANTALUM COATED METALS	DOW GLOBAL TECHNOLOGIES LLC	11/19/2014	14809212.5
75173-GB-EPT	United Kingdom	PRECIPITATION HARDENING OF TANTALUM COATED METALS	DOW GLOBAL TECHNOLOGIES LLC	11/19/2014	14809212.5
75173-IT-EPT	Italy	PRECIPITATION HARDENING OF TANTALUM COATED METALS	DOW GLOBAL TECHNOLOGIES LLC	11/19/2014	14809212.5
75173-JP-PCT	Japan	PRECIPITATION HARDENING OF TANTALUM COATED METALS	DOW GLOBAL TECHNOLOGIES LLC	11/19/2014	2016-554552
75173-NL-EPT	Netherlands	PRECIPITATION HARDENING OF TANTALUM COATED METALS	DOW GLOBAL TECHNOLOGIES LLC	11/19/2014	14809212.5
75173-US-PCT	United States Of America	PRECIPITATION HARDENING OF TANTALUM COATED METALS	DOW GLOBAL TECHNOLOGIES LLC	11/19/2014	15/026261
75268-AT-EPT	Austria	MIXING DEVICE FOR TWO COMPONENT POLYURETHANE FOAM FORMULATION	DOW GLOBAL TECHNOLOGIES LLC	09/02/2014	14762207.0
75268-BE-EPT	Belgium	MIXING DEVICE FOR TWO COMPONENT POLYURETHANE FOAM FORMULATION	DOW GLOBAL TECHNOLOGIES LLC	09/02/2014	14762207.0
75268-CA-PCT	Canada	COMPONENT POLYURETHANE FOAM FORMULATION	DOW GLOBAL TECHNOLOGIES LLC	09/02/2014	2922988

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PIF# NUMBER	GRANT DATE	GRANT NUMBER
75268-CN-PCT	China	MIXING DEVICE FOR TWO COMPONENT POLYURETHANE FOAM FORMULATION	DOW GLOBAL TECHNOLOGIES LLC	09/02/2014	201480048735.X	105517766	09/08/2017	201480048735.X
75268-CZ-EPT	Czech Republic	COMPONENT POLYURETHANE FOAM FORMULATION	DOW GLOBAL TECHNOLOGIES LLC	09/02/2014	14762207.0	3013545		
75268-DE-EPT	Germany	MIXING DEVICE FOR TWO COMPONENT POLYURETHANE FOAM FORMULATION	DOW GLOBAL TECHNOLOGIES LLC	09/02/2014	14762207.0	3013545		
75268-EP-EPT	European Procedure (Patents)	MIXING DEVICE FOR TWO COMPONENT POLYURETHANE FOAM FORMULATION	DOW GLOBAL TECHNOLOGIES LLC	09/02/2014	14762207.0	3013545		
75268-ES-EPT	Spain	MIXING DEVICE FOR TWO COMPONENT POLYURETHANE FOAM FORMULATION	DOW GLOBAL TECHNOLOGIES LLC	09/02/2014	14762207.0	3013545		
75268-FI-EPT	Finland	MIXING DEVICE FOR TWO COMPONENT POLYURETHANE FOAM FORMULATION	DOW GLOBAL TECHNOLOGIES LLC	09/02/2014	14762207.0	3013545		
75268-FR-EPT	France	MIXING DEVICE FOR TWO COMPONENT POLYURETHANE FOAM FORMULATION	DOW GLOBAL TECHNOLOGIES LLC	09/02/2014	14762207.0	3013545		
75268-GB-EPT	United Kingdom	MIXING DEVICE FOR TWO COMPONENT POLYURETHANE FOAM FORMULATION	DOW GLOBAL TECHNOLOGIES LLC	09/02/2014	14762207.0	3013545		
75268-IE-EPT	Ireland	MIXING DEVICE FOR TWO COMPONENT POLYURETHANE FOAM FORMULATION	DOW GLOBAL TECHNOLOGIES LLC	09/02/2014	14762207.0	3013545		
75268-IT-EPT	Italy	MIXING DEVICE FOR TWO COMPONENT POLYURETHANE FOAM FORMULATION	DOW GLOBAL TECHNOLOGIES LLC	09/02/2014	14762207.0	3013545		
75268-JP-PCT	Japan	MIXING DEVICE FOR TWO COMPONENT POLYURETHANE FOAM FORMULATION	DOW GLOBAL TECHNOLOGIES LLC	09/02/2014	2016-540302	2016-536130	06/16/2017	6139032
75268-NL-EPT	Netherlands	MIXING DEVICE FOR TWO COMPONENT POLYURETHANE FOAM FORMULATION	DOW GLOBAL TECHNOLOGIES LLC	09/02/2014	14762207.0	3013545		
75268-PL-EPT	Poland	MIXING DEVICE FOR TWO COMPONENT POLYURETHANE FOAM FORMULATION	DOW GLOBAL TECHNOLOGIES LLC	09/02/2014	14762207.0	3013545		
75268-US-PCT	United States Of America	COMPONENT POLYURETHANE FOAM FORMULATION	DOW GLOBAL TECHNOLOGIES LLC	09/02/2014	14908040	2016-0175788		
75269-CA-PCT	Canada	STYRENE-CARBOXYLIC ACID COPOLYMER FOAM	DOW GLOBAL TECHNOLOGIES LLC	10/29/2014	2929208			
75269-CN-PCT	China	STYRENE-CARBOXYLIC ACID COPOLYMER FOAM	DOW GLOBAL TECHNOLOGIES LLC	10/29/2014	201480059175.8	105683270		

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PUB. NUMBER	GRANT DATE	GRANT NUMBER
75269-EP-EPT (Patents)	European Procedure	STYRENE-CARBOXYLIC ACID COPOLYMER FOAM	DOW GLOBAL TECHNOLOGIES LLC	10/29/2014	14795931.6	3036278		
75269-JP-PCT	Japan	STYRENE-CARBOXYLIC ACID COPOLYMER FOAM	DOW GLOBAL TECHNOLOGIES LLC	10/29/2014	2016-526085	2016-535132	03/16/2018	6306699
		RIGID THERMOPLASTIC FOAM DENSIFICATION PROCESS AND COMPOSITE STRUCTURES INCORPORATING THE DENSIFIED RIGID						
75480-CA-PCT	Canada	THERMOPLASTIC FOAM	DOW GLOBAL TECHNOLOGIES LLC	12/12/2014	2933690			
		RIGID THERMOPLASTIC FOAM DENSIFICATION PROCESS AND COMPOSITE STRUCTURES INCORPORATING THE DENSIFIED RIGID						
75480-CN-PCT	China	THERMOPLASTIC FOAM	DOW GLOBAL TECHNOLOGIES LLC	12/12/2014	20148006453.2	105793008		
		RIGID THERMOPLASTIC FOAM DENSIFICATION PROCESS AND COMPOSITE STRUCTURES INCORPORATING THE DENSIFIED RIGID						
75480-EP-EPT (Patents)	European Procedure	THERMOPLASTIC FOAM	DOW GLOBAL TECHNOLOGIES LLC	12/12/2014	14824281.1	3083181		
		RIGID THERMOPLASTIC FOAM DENSIFICATION PROCESS AND COMPOSITE STRUCTURES INCORPORATING THE DENSIFIED RIGID						
75480-JP-PCT	Japan	THERMOPLASTIC FOAM	DOW GLOBAL TECHNOLOGIES LLC	12/12/2014	2016-536520	2017-504679		
		RIGID THERMOPLASTIC FOAM DENSIFICATION PROCESS AND COMPOSITE STRUCTURES INCORPORATING THE DENSIFIED RIGID						
75480-US-PCT	United States Of America	THERMOPLASTIC FOAM	DOW GLOBAL TECHNOLOGIES LLC	12/12/2014	15/103260			
		FOAMED STYRENIC POLYMERS CONTAINING A BROMINATED STYRENE-BUTADIENE COPOLYMER AND HAVING ENHANCED CELL SIZE HOMOGENEITY						
75481-CA-PCT	Canada	FOAMED STYRENIC POLYMERS CONTAINING A BROMINATED STYRENE-BUTADIENE COPOLYMER AND HAVING ENHANCED CELL SIZE HOMOGENEITY	DOW GLOBAL TECHNOLOGIES LLC	10/30/2013	2928728			
75481-CN-PCT	China	FOAMED STYRENIC POLYMERS CONTAINING A BROMINATED STYRENE-BUTADIENE COPOLYMER AND HAVING ENHANCED CELL SIZE HOMOGENEITY	DOW GLOBAL TECHNOLOGIES LLC	10/30/2013	201380080388.4	105658711		

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		FOAMED STYRENIC POLYMERS CONTAINING A BROMINATED STYRENE-BUTADIENE COPOLYMER AND HAVING ENHANCED CELL SIZE HOMOGENEITY	DOW GLOBAL TECHNOLOGIES LLC	10/30/2013	13789446.5	3063216	03/22/2017	3063216
75481-NL-EPT	Netherlands	FOAMED STYRENIC POLYMERS CONTAINING A BROMINATED STYRENE-BUTADIENE COPOLYMER AND HAVING ENHANCED CELL SIZE HOMOGENEITY	DOW GLOBAL TECHNOLOGIES LLC	10/30/2013	13789446.5	3063216	03/22/2017	3063216
75481-TR-EPT	Turkey	FOAMED STYRENIC POLYMERS CONTAINING A BROMINATED STYRENE-BUTADIENE COPOLYMER AND HAVING ENHANCED CELL SIZE HOMOGENEITY	DOW GLOBAL TECHNOLOGIES LLC	10/30/2013	13789446.5	3063216	03/22/2017	3063216
75481-US-PCT	United States Of America	FOAMED STYRENIC POLYMERS CONTAINING A BROMINATED STYRENE-BUTADIENE COPOLYMER AND HAVING ENHANCED CELL SIZE HOMOGENEITY FLAME-RETARDANT	DOW GLOBAL TECHNOLOGIES LLC	10/30/2013	14/917905		10/09/2018	10094781
75491-CA-PCT	Canada	COPOLYMERS OF DIALKYL (METH) ACRYLOYLOXYALKYL PHOSPHATE OR DIALKYL (METH) ACRYLOYLOXYALKYL PHOSPHONATE MONOMERS AND POLYMER FOAMS BASED MADE THEREFROM FLAME-RETARDANT	DOW GLOBAL TECHNOLOGIES LLC	12/27/2013	2934375			
75491-CN-PCT	China	COPOLYMERS OF DIALKYL (METH) ACRYLOYLOXYALKYL PHOSPHATE OR DIALKYL (METH) ACRYLOYLOXYALKYL PHOSPHONATE MONOMERS AND POLYMER FOAMS BASED MADE THEREFROM FLAME-RETARDANT	DOW GLOBAL TECHNOLOGIES LLC	12/27/2013	201380081714.3	105829416		
75491-EP-EPT	European Procedure (Patents)	COPOLYMERS OF DIALKYL (METH) ACRYLOYLOXYALKYL PHOSPHATE OR DIALKYL (METH) ACRYLOYLOXYALKYL PHOSPHONATE MONOMERS AND POLYMER FOAMS BASED MADE THEREFROM	DOW GLOBAL TECHNOLOGIES LLC	12/27/2013	13900089.7	3087128		

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PATENT NUMBER	CO-PATENT	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
75491-JP-PCT	Japan	FLAME-RETARDANT COPOLYMERS OF DIALKYL (METH) ACRYLOYLOXYALKYL PHOSPHATE OR DIALKYL (METH) ACRYLOYLOXYALKYL PHOSPHONATE MONOMERS AND POLYMER FOAMS BASED THEREFROM	DOW GLOBAL TECHNOLOGIES LLC	12/27/2013	2016-537541	2016-540086	02/16/2018	6291059
75491-US-PCT	United States Of America	(METH) ACRYLOYLOXYALKYL PHOSPHATE OR DIALKYL (METH) ACRYLOYLOXYALKYL PHOSPHONATE MONOMERS AND POLYMER FOAMS BASED THEREFROM	DOW GLOBAL TECHNOLOGIES LLC	12/27/2013	15/100956	2016-0304692	12/12/2017	9840605
75612-DE-EPT	Germany	METHOD TO REDUCE AIR INFILTRATION THROUGH AN INSULATED FRAME CONSTRUCTION	DOW GLOBAL TECHNOLOGIES LLC	12/12/2014	14830909.9	3084059	07/25/2018	3084059
75612-EP-EPT	European Procedure (Patents)	INFILTRATION THROUGH AN INSULATED FRAME CONSTRUCTION	DOW GLOBAL TECHNOLOGIES LLC	12/12/2014	14830909.9	3084059	07/25/2018	3084059
75612-FR-EPT	France	METHOD TO REDUCE AIR INFILTRATION THROUGH AN INSULATED FRAME CONSTRUCTION	DOW GLOBAL TECHNOLOGIES LLC	12/12/2014	14830909.9	3084059	07/25/2018	3084059
75612-GB-EPT	United Kingdom	INFILTRATION THROUGH AN INSULATED FRAME CONSTRUCTION	DOW GLOBAL TECHNOLOGIES LLC	12/12/2014	14830909.9	3084059	07/25/2018	3084059
75612-GR-EPT	Greece	METHOD TO REDUCE AIR INFILTRATION THROUGH AN INSULATED FRAME CONSTRUCTION	DOW GLOBAL TECHNOLOGIES LLC	12/12/2014	14830909.9	3084059	07/25/2018	3084059
75612-IT-EPT	Italy	METHOD TO REDUCE AIR INFILTRATION THROUGH AN INSULATED FRAME CONSTRUCTION	DOW GLOBAL TECHNOLOGIES LLC	12/12/2014	14830909.9	3084059	07/25/2018	3084059
75612-JP-PCT	Japan	METHOD TO REDUCE AIR INFILTRATION THROUGH AN INSULATED FRAME CONSTRUCTION	DOW GLOBAL TECHNOLOGIES LLC	12/12/2014	2016-536574	2017-501320	01/12/2018	6273016

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PATENT NUMBER	COUNTRY	TITLE	OWNER	PENDING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
75612-NL-EPT	Netherlands	METHOD TO REDUCE AIR INFILTRATION THROUGH AN INSULATED FRAME CONSTRUCTION	DOW GLOBAL TECHNOLOGIES LLC	12/12/2014	14830909.9	3084059	07/25/2018	3084059
75612-US-CNT	United States Of America	METHOD TO REDUCE AIR INFILTRATION THROUGH AN INSULATED FRAME CONSTRUCTION	DOW GLOBAL TECHNOLOGIES LLC	10/10/2017	15/728702	2018-0030720		
75612-US-PCT	United States Of America	METHOD TO REDUCE AIR INFILTRATION THROUGH AN INSULATED FRAME CONSTRUCTION	DOW GLOBAL TECHNOLOGIES LLC	12/12/2014	15/103466		11/28/2017	9828764
75613-CA-PCT	Canada	FIBER MESH REINFORCED SHEAR WALL	DOW GLOBAL TECHNOLOGIES LLC	12/12/2014	2933840			
75613-JP-PCT	Japan	FIBER MESH REINFORCED SHEAR WALL	TECHNOLOGIES LLC	12/12/2014	2016-538787	2016-540142	04/27/2018	6329266
75613-US-PCT	United States Of America	FIBER MESH REINFORCED SHEAR WALL	DOW GLOBAL TECHNOLOGIES LLC	12/12/2014	15/103816		06/26/2018	10006198
75659-CN-PCT	China	PROCESS FOR RECOVERING BROMINATED STYRENE-BUTADIENE COPOLYMER FROM AN ORGANIC SOLVENT	DOW GLOBAL TECHNOLOGIES LLC	12/12/2014	201480069505.1	105849131		
75659-DE-EPT	Germany	PROCESS FOR RECOVERING BROMINATED STYRENE-BUTADIENE COPOLYMER FROM AN ORGANIC SOLVENT	DOW GLOBAL TECHNOLOGIES LLC	12/12/2014	14824282.9	3087102	06/14/2017	602014010866.0
75659-FR-EPT	France	PROCESS FOR RECOVERING BROMINATED STYRENE-BUTADIENE COPOLYMER FROM AN ORGANIC SOLVENT	DOW GLOBAL TECHNOLOGIES LLC	12/12/2014	14824282.9	3087102	06/14/2017	3087102
75659-GB-EPT	United Kingdom	PROCESS FOR RECOVERING BROMINATED STYRENE-BUTADIENE COPOLYMER FROM AN ORGANIC SOLVENT	DOW GLOBAL TECHNOLOGIES LLC	12/12/2014	14824282.9	3087102	06/14/2017	3087102
75659-IL-PCT	Israel	PROCESS FOR RECOVERING BROMINATED STYRENE-BUTADIENE COPOLYMER FROM AN ORGANIC SOLVENT	DOW GLOBAL TECHNOLOGIES LLC	12/12/2014	246302			
75659-JP-PCT	Japan	PROCESS FOR RECOVERING BROMINATED STYRENE-BUTADIENE COPOLYMER FROM AN ORGANIC SOLVENT	DOW GLOBAL TECHNOLOGIES LLC	12/12/2014	2016-541477	2017-500414	12/08/2017	6254706
75659-NL-EPT	Netherlands	PROCESS FOR RECOVERING BROMINATED STYRENE-BUTADIENE COPOLYMER FROM AN ORGANIC SOLVENT	DOW GLOBAL TECHNOLOGIES LLC	12/12/2014	14824282.9	3087102	06/14/2017	3087102

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PATENT NUMBER	CO-PATENT	TITLE	OWNER	PENDING DATE	APP. NUMBER	PR. NUMBER	GRANT DATE	GRANT NUMBER
		PROCESS FOR RECOVERING BROMINATED STYRENE-BUTADIENE COPOLYMER FROM AN ORGANIC SOLVENT	United States Of America	12/12/2014	15/101383		09/12/2017	9758611
75659-US-PCT	United States Of America	METHOD OF PRODUCING FOAMED SLABS	DOW GLOBAL TECHNOLOGIES LLC					
75826-AT-EPT	Austria	METHOD OF PRODUCING FOAMED SLABS	DOW GLOBAL TECHNOLOGIES LLC	07/05/2000	00953010.6	1196486	10/01/2003	1196486
75826-BE-EPT	Belgium	FOAMED SLABS	TECHNOLOGIES LLC	07/05/2000	00953010.6	1196486	10/01/2003	1196486
75826-DE-EPT	Germany	METHOD OF PRODUCING FOAMED SLABS	TECHNOLOGIES LLC	07/05/2000	00953010.6	1196486	10/01/2003	50003917
75826-ES-EPT	Spain	METHOD OF PRODUCING FOAMED SLABS	DOW GLOBAL TECHNOLOGIES LLC	07/05/2000	00953010.6	1196486	10/01/2003	1196486
75826-FR-EPT	France	METHOD OF PRODUCING FOAMED SLABS	TECHNOLOGIES LLC	07/05/2000	00953010.6	1196486	10/01/2003	1196486
75826-IT-EPT	Italy	FOAMED SLABS	TECHNOLOGIES LLC	07/05/2000	00953010.6	1196486	10/01/2003	1196486
75826-NL-EPT	Netherlands	METHOD OF PRODUCING FOAMED SLABS	DOW GLOBAL TECHNOLOGIES LLC	07/05/2000	00953010.6	1196486	10/01/2003	1196486
75867-CA-PCT	Canada	METAL OXIDE INFRARED ATTENUATOR	DOW GLOBAL TECHNOLOGIES LLC	01/27/2015	2938673			
75867-CN-PCT	China	METAL OXIDE INFRARED ATTENUATOR	TECHNOLOGIES LLC	01/27/2015	201580006122.4	105992793		
75867-EP-EPT	European Procedure (Patents)	STABLE STYRENIC FOAM WITH METAL OXIDE INFRARED ATTENUATOR	DOW GLOBAL TECHNOLOGIES LLC	01/27/2015	15703203.8	3102630		
75867-JP-PCT	Japan	STABLE STYRENIC FOAM WITH METAL OXIDE INFRARED ATTENUATOR	DOW GLOBAL TECHNOLOGIES LLC	01/27/2015	2016-549226	2017-504702		
75867-US-PCT	United States Of America	METAL OXIDE INFRARED ATTENUATOR	DOW GLOBAL TECHNOLOGIES LLC	01/27/2015	15/109899	US-2018-0223063-A1		
76092-CN-PCT	China	FOAMED SLABS	TECHNOLOGIES LLC	03/18/2015	201580014583.6	106459427		
76092-DE-EPT	Germany	FOAMED SLABS	DOW GLOBAL TECHNOLOGIES LLC	03/18/2015	15714342.1	3122801	07/25/2018	3122801
76092-EP-EPT	European Procedure (Patents)	FOAMED SLABS	DOW GLOBAL TECHNOLOGIES LLC	03/18/2015	15714342.1	3122801	07/25/2018	3122801
76092-ES-EPT	Spain	FOAMED SLABS	TECHNOLOGIES LLC	03/18/2015	15714342.1	3122801	07/25/2018	3122801
76092-FR-EPT	France	FOAMED SLABS	TECHNOLOGIES LLC	03/18/2015	15714342.1	3122801	07/25/2018	3122801
76092-GB-EPT	United Kingdom	FOAMED SLABS	TECHNOLOGIES LLC	03/18/2015	15714342.1	3122801	07/25/2018	3122801

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76092-IT-EPT	Italy	NANOCELLULAR FOAM WITH SOLID FLAME RETARDANT	DOW GLOBAL TECHNOLOGIES LLC	03/18/2015	15714342.1	3122801	07/25/2018	3122801
76092-JP-PCT	Japan	NANOCELLULAR FOAM WITH SOLID FLAME RETARDANT	DOW GLOBAL TECHNOLOGIES LLC	03/18/2015	2016-557309	2017-508052	12/08/2017	6234716
76092-NL-EPT	Netherlands	NANOCELLULAR FOAM WITH SOLID FLAME RETARDANT	DOW GLOBAL TECHNOLOGIES LLC	03/18/2015	15714342.1	3122801	07/25/2018	3122801
76092-US-PCT	United States Of America	NANOCELLULAR FOAM WITH SOLID FLAME RETARDANT	DOW GLOBAL TECHNOLOGIES LLC	03/18/2015	15/109935	2017-0002162	11/21/2017	9832230
76114-CN-PCT	China	MOLD PROCESS FOR MAKING NANOFOAM	DOW GLOBAL TECHNOLOGIES LLC	05/20/2015	201580026424.8	106457629		
76114-EP-EPT	European Procedure (Patents)	MOLD PROCESS FOR MAKING NANOFOAM	DOW GLOBAL TECHNOLOGIES LLC	05/20/2015	15727189.1	3148764		
76114-JP-PCT	Japan	MOLD PROCESS FOR MAKING NANOFOAM	TECHNOLOGIES LLC	05/20/2015	2017-512894	2017-517621	07/06/2018	6363791
76114-US-PCT	United States Of America	MOLD PROCESS FOR MAKING NANOFOAM	DOW GLOBAL TECHNOLOGIES LLC	05/20/2015	15/121604	2017-0120486		
76800-BE-EPT	Belgium	DISPENSER FOR TWO-COMPONENT SPRAY POLYURETHANE FORM THAT ARE FREE OF GASEOUS BLOWING AGENTS	DOW GLOBAL TECHNOLOGIES LLC	09/15/2014	14902249.3	3194080		
76800-CA-PCT	Canada	DISPENSER FOR TWO-COMPONENT SPRAY POLYURETHANE FORM THAT ARE FREE OF GASEOUS BLOWING AGENTS	DOW GLOBAL TECHNOLOGIES LLC	09/15/2014	2961091			
76800-CN-PCT	China	DISPENSER FOR TWO-COMPONENT SPRAY POLYURETHANE FORM THAT ARE FREE OF GASEOUS BLOWING AGENTS	DOW GLOBAL TECHNOLOGIES LLC	09/15/2014	201480081787.7	106794479		
76800-DE-EPT	Germany	DISPENSER FOR TWO-COMPONENT SPRAY POLYURETHANE FORM THAT ARE FREE OF GASEOUS BLOWING AGENTS	DOW GLOBAL TECHNOLOGIES LLC	09/15/2014	14902249.3	3194080		
76800-EP-EPT	European Procedure (Patents)	DISPENSER FOR TWO-COMPONENT SPRAY POLYURETHANE FORM THAT ARE FREE OF GASEOUS BLOWING AGENTS	DOW GLOBAL TECHNOLOGIES LLC	09/15/2014	14902249.3	3194080		

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76800-ES-EPT	Spain	DISPENSER FOR TWO-COMPONENT SPRAY POLYURETHANE FORM THAT ARE FREE OF GASEOUS BLOWING AGENTS	DOW GLOBAL TECHNOLOGIES LLC	09/15/2014	14902249.3	3194080		
76800-FR-EPT	France	DISPENSER FOR TWO-COMPONENT SPRAY POLYURETHANE FORM THAT ARE FREE OF GASEOUS BLOWING AGENTS	DOW GLOBAL TECHNOLOGIES LLC	09/15/2014	14902249.3	3194080		
76800-GB-EPT	United Kingdom	DISPENSER FOR TWO-COMPONENT SPRAY POLYURETHANE FORM THAT ARE FREE OF GASEOUS BLOWING AGENTS	DOW GLOBAL TECHNOLOGIES LLC	09/15/2014	14902249.3	3194080		
76800-IT-EPT	Italy	DISPENSER FOR TWO-COMPONENT SPRAY POLYURETHANE FORM THAT ARE FREE OF GASEOUS BLOWING AGENTS	DOW GLOBAL TECHNOLOGIES LLC	09/15/2014	14902249.3	3194080		
76800-JP-PCT	Japan	DISPENSER FOR TWO-COMPONENT SPRAY POLYURETHANE FORM THAT ARE FREE OF GASEOUS BLOWING AGENTS	DOW GLOBAL TECHNOLOGIES LLC	09/15/2014	2017-530374	2017-532199		
76800-NL-EPT	Netherlands	DISPENSER FOR TWO-COMPONENT SPRAY POLYURETHANE FORM THAT ARE FREE OF GASEOUS BLOWING AGENTS	DOW GLOBAL TECHNOLOGIES LLC	09/15/2014	14902249.3	3194080		
76800-US-PCT	United States Of America	DISPENSER FOR TWO-COMPONENT SPRAY POLYURETHANE FORM THAT ARE FREE OF GASEOUS BLOWING AGENTS	DOW GLOBAL TECHNOLOGIES LLC	09/15/2014	15/327283	2017-0157628	07/31/2018	10035155
77133-CA-PCT	Canada	DISPENSER FOR TWO-COMPONENT SPRAY POLYURETHANE FORM THAT ARE FREE OF GASEOUS BLOWING AGENTS	DOW GLOBAL TECHNOLOGIES LLC	10/22/2015	2965506			
77133-CN-PCT	China	DISPENSER FOR TWO-COMPONENT SPRAY POLYURETHANE FORM THAT ARE FREE OF GASEOUS BLOWING AGENTS	DOW GLOBAL TECHNOLOGIES LLC	10/22/2015	201580057847.6	107108835		
77133-DE-EPT	Germany	DISPENSER FOR TWO-COMPONENT SPRAY POLYURETHANE FORM THAT ARE FREE OF GASEOUS BLOWING AGENTS	DOW GLOBAL TECHNOLOGIES LLC	10/22/2015	15791827.7	3212690	09/12/2018	3212690

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
		B2 RATED ONE COMPONENT SPRAY POLYURETHANE FOAM FORMULATION FOR European Procedure (Patents)	DOW GLOBAL TECHNOLOGIES LLC	10/22/2015	15791827.7	3212690	09/12/2018	3212690
77133-EP-EPT		FENESTRATION OPENINGS B2 RATED ONE COMPONENT SPRAY POLYURETHANE FOAM FORMULATION FOR	DOW GLOBAL TECHNOLOGIES LLC	10/22/2015	15791827.7	3212690	09/12/2018	3212690
77133-ES-EPT	Spain	FENESTRATION OPENINGS B2 RATED ONE COMPONENT SPRAY POLYURETHANE FOAM FORMULATION FOR	DOW GLOBAL TECHNOLOGIES LLC	10/22/2015	15791827.7	3212690	09/12/2018	3212690
77133-FR-EPT	France	FENESTRATION OPENINGS B2 RATED ONE COMPONENT SPRAY POLYURETHANE FOAM FORMULATION FOR	DOW GLOBAL TECHNOLOGIES LLC	10/22/2015	15791827.7	3212690	09/12/2018	3212690
77133-GR-EPT	Greece	FENESTRATION OPENINGS B2 RATED ONE COMPONENT SPRAY POLYURETHANE FOAM FORMULATION FOR	DOW GLOBAL TECHNOLOGIES LLC	10/22/2015	15791827.7	3212690	09/12/2018	3212690
77133-IT-EPT	Italy	FENESTRATION OPENINGS B2 RATED ONE COMPONENT SPRAY POLYURETHANE FOAM FORMULATION FOR	DOW GLOBAL TECHNOLOGIES LLC	10/22/2015	15791827.7	3212690	09/12/2018	3212690
77133-JP-PCT	Japan	FENESTRATION OPENINGS B2 RATED ONE COMPONENT SPRAY POLYURETHANE FOAM FORMULATION FOR	DOW GLOBAL TECHNOLOGIES LLC	10/22/2015	2017-522388	2017-535639		
77133-NL-EPT	Netherlands	FENESTRATION OPENINGS B2 RATED ONE COMPONENT SPRAY POLYURETHANE FOAM FORMULATION FOR	DOW GLOBAL TECHNOLOGIES LLC	10/22/2015	15791827.7	3212690	09/12/2018	3212690
77133-US-PCT	United States Of America	FENESTRATION OPENINGS B2 RATED ONE COMPONENT SPRAY POLYURETHANE FOAM FORMULATION FOR	DOW GLOBAL TECHNOLOGIES LLC	10/22/2015	15791827.7	2017-0247591		
77263-CA-PCT	Canada	VENTED INSULATED SPA COVER	DOW GLOBAL TECHNOLOGIES LLC	11/12/2015	2967354			
77263-JP-PCT	Japan	VENTED INSULATED SPA COVER	DOW GLOBAL TECHNOLOGIES LLC	11/12/2015	2017-526496	2017-537691		
77263-US-PCT	United States Of America	VENTED INSULATED SPA COVER	DOW GLOBAL TECHNOLOGIES LLC	11/12/2015	157521420	2017-0314281		
77344-CA-PCT	Canada	HALOHYDRATED POLYMERS BROMINATED AND	DOW GLOBAL TECHNOLOGIES LLC	01/27/2016	2975380			
77344-CN-PCT	China	HALOHYDRATED POLYMERS BROMINATED AND	DOW GLOBAL TECHNOLOGIES LLC	01/27/2016	20168006761.5	107207631		
77344-EP-EPT	European Procedure (Patents)	HALOHYDRATED POLYMERS BROMINATED AND	DOW GLOBAL TECHNOLOGIES LLC	01/27/2016	16704979.0	3250613		

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77344-JP-PCT	Japan	METHOD FOR PRODUCING BROMINATED AND HALOHYDRATED POLYMERS	DOW GLOBAL TECHNOLOGIES LLC	01/27/2016	2017-538950		2018-507286
77344-US-PCT	United States Of America	METHOD FOR PRODUCING BROMINATED AND HALOHYDRATED POLYMERS	DOW GLOBAL TECHNOLOGIES LLC	01/27/2016	15/542424		2018-0002455
77690-CA-PCT	Canada	THERMALLY INSULATING FOAM WITH VERTICALLY ELONGATED CELLS	DOW GLOBAL TECHNOLOGIES LLC	04/07/2016	2982347		
77690-CN-PCT	China	THERMALLY INSULATING FOAM WITH VERTICALLY ELONGATED CELLS	DOW GLOBAL TECHNOLOGIES LLC	04/07/2016	201680020906.7		
77690-EP-EPT	European Procedure (Patents)	THERMALLY INSULATING FOAM WITH VERTICALLY ELONGATED CELLS	DOW GLOBAL TECHNOLOGIES LLC	04/07/2016	16718089.2		3283560
77690-JP-PCT	Japan	THERMALLY INSULATING FOAM WITH VERTICALLY ELONGATED CELLS	DOW GLOBAL TECHNOLOGIES LLC	04/07/2016	2017-553880		2018-513252
77690-US-PCT	United States Of America	THERMALLY INSULATING FOAM WITH VERTICALLY ELONGATED CELLS	DOW GLOBAL TECHNOLOGIES LLC	04/07/2016	15/552192	US-2018-0215890-A1	
77690-WO-PCT	International Procedure	THERMALLY INSULATING FOAM WITH VERTICALLY ELONGATED CELLS	DOW GLOBAL TECHNOLOGIES LLC	04/07/2016	PCT/US16/026316	WO/2016/168041	
78289-CA-PCT	Canada	ONE-COMPONENT FENESTRATION FOAM FORMULATION DEMONSTRATING LOW INITIAL SHRINKAGE	DOW GLOBAL TECHNOLOGIES LLC	09/20/2016	PCT/US16/052563		
78289-EP-EPT	European Procedure (Patents)	ONE-COMPONENT FENESTRATION FOAM FORMULATION DEMONSTRATING LOW INITIAL SHRINKAGE	DOW GLOBAL TECHNOLOGIES LLC	09/20/2016	16774596.7		3356435
78289-JP-PCT	Japan	ONE-COMPONENT FENESTRATION FOAM FORMULATION DEMONSTRATING LOW INITIAL SHRINKAGE	DOW GLOBAL TECHNOLOGIES LLC	09/20/2016	2018-513625		
78289-US-PCT	United States Of America	ONE-COMPONENT FENESTRATION FOAM FORMULATION DEMONSTRATING LOW INITIAL SHRINKAGE	DOW GLOBAL TECHNOLOGIES LLC	09/20/2016	15/750541		
78344-CA-PCT	Canada	POLYURETHANE FOAM FROM HIGH FUNCTIONALITY POLYISOCYANATE	DOW GLOBAL TECHNOLOGIES LLC	10/19/2016	PCT/US16/057636		

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78344-EP-EPT	European Procedure (Patents)	POLYURETHANE FOAM FROM HIGH FUNCTIONALITY POLYISOCYANATE	DOW GLOBAL TECHNOLOGIES LLC	10/19/2016	16790817.7	3368585
78344-JP-PCT	Japan	POLYURETHANE FOAM FROM HIGH FUNCTIONALITY POLYISOCYANATE	DOW GLOBAL TECHNOLOGIES LLC	10/19/2016	2018-538542	
78344-US-PCT	United States Of America	POLYURETHANE FOAM FROM HIGH FUNCTIONALITY POLYISOCYANATE	DOW GLOBAL TECHNOLOGIES LLC	10/19/2016	15/758565	US-2018-0244833-A1
78347-CA-PCT	Canada	TWO-COMPONENT SPRAY POLYURETHANE FOAM DISPENSER WITH CONTINUOUS GAS PURGING	DOW GLOBAL TECHNOLOGIES LLC	09/12/2016	PCT/US16/051211	
78347-EP-EPT	European Procedure (Patents)	POLYURETHANE FOAM DISPENSER WITH CONTINUOUS GAS PURGING	DOW GLOBAL TECHNOLOGIES LLC	09/12/2016	16775025.6	3352906
78347-JP-PCT	Japan	POLYURETHANE FOAM DISPENSER WITH CONTINUOUS GAS PURGING	DOW GLOBAL TECHNOLOGIES LLC	09/12/2016	2018-512270	
78347-US-PCT	United States Of America	TWO-COMPONENT SPRAY POLYURETHANE FOAM DISPENSER WITH CONTINUOUS GAS PURGING	DOW GLOBAL TECHNOLOGIES LLC	09/12/2016	15/749379	US-2018-0243767-A1
78518-CA-PCT	Canada	POLYMERIC FOAM BOARD WITH FLEXIBLE WATER RESISTANT INTUMESCENT COATING	DOW GLOBAL TECHNOLOGIES LLC	01/16/2017	PCT/US17/013641	
78518-CN-PCT	China	POLYMERIC FOAM BOARD WITH FLEXIBLE WATER RESISTANT INTUMESCENT COATING	DOW GLOBAL TECHNOLOGIES LLC	01/16/2017	201780006758.8	
78518-EP-EPT	European Procedure (Patents)	POLYMERIC FOAM BOARD WITH FLEXIBLE WATER RESISTANT INTUMESCENT COATING	DOW GLOBAL TECHNOLOGIES LLC	01/16/2017	17702471.8	
78518-JP-PCT	Japan	POLYMERIC FOAM BOARD WITH FLEXIBLE WATER RESISTANT INTUMESCENT COATING	DOW GLOBAL TECHNOLOGIES LLC	01/16/2017	2018-535287	
78518-US-PCT	United States Of America	POLYMERIC FOAM BOARD WITH FLEXIBLE WATER RESISTANT INTUMESCENT COATING	DOW GLOBAL TECHNOLOGIES LLC	01/16/2017	15/780656	

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		POLYMERIC FOAM BOARD WITH FLEXIBLE WATER RESISTANT INTUMESCENT COATING	DOW GLOBAL TECHNOLOGIES LLC	01/16/2017	PCT/US17/013641	WO/2017/131995	
78518-WO-PCT	International Procedure						
78532-CA-PCT	Canada	HINGED ELBOW FOR DISPENSING STRAW	DOW GLOBAL TECHNOLOGIES LLC	10/19/2016	PCT/US16/057625		
	European Procedure (Patents)	HINGED ELBOW FOR DISPENSING STRAW	DOW GLOBAL TECHNOLOGIES LLC	10/19/2016	16790816.9	3368444	
78532-EP-EPT							
78532-JP-PCT	Japan	HINGED ELBOW FOR DISPENSING STRAW	DOW GLOBAL TECHNOLOGIES LLC	10/19/2016	2018-538540		
	United States Of America	HINGED ELBOW FOR DISPENSING STRAW	DOW GLOBAL TECHNOLOGIES LLC	10/19/2016	15/758737		
78532-US-PCT							
78533-CA-PCT	Canada	CAP WITH NESTED HANDLE FOR SPRAY CAN	DOW GLOBAL TECHNOLOGIES LLC	10/19/2016	PCT/US16/057633		
	European Procedure (Patents)	CAP WITH NESTED HANDLE FOR SPRAY CAN	DOW GLOBAL TECHNOLOGIES LLC	10/19/2016	16791169.2	3368443	
78533-EP-EPT							
78533-JP-PCT	Japan	CAP WITH NESTED HANDLE FOR SPRAY CAN	DOW GLOBAL TECHNOLOGIES LLC	10/19/2016	2018-538541		
	United States Of America	CAP WITH NESTED HANDLE FOR SPRAY CAN	DOW GLOBAL TECHNOLOGIES LLC	10/19/2016	15/758741		
78533-US-PCT							
		HEAT INSULATION REPAIR CONSTRUCTION METHOD AND HEAT INSULATION STRUCTURE	DOW GLOBAL TECHNOLOGIES LLC	11/30/2015	2015-233210	2017-101396	
78572-JP-NP	Japan						
		HEAT INSULATION CONSTRUCTION METHOD AND HEAT INSULATION STRUCTURE	DOW GLOBAL TECHNOLOGIES LLC	11/30/2015	2015-233211	2017-101397	
78573-JP-NP	Japan						
		SINGLE ACTION DISPENSING DEVICE WITH SLIDING SLEEVE HAVING A PLUG	DOW GLOBAL TECHNOLOGIES LLC	01/31/2017	PCT/US17/015758		
78802-CA-PCT	Canada						
	European Procedure (Patents)	SINGLE ACTION DISPENSING DEVICE WITH SLIDING SLEEVE HAVING A PLUG	DOW GLOBAL TECHNOLOGIES LLC	01/31/2017	17705232.1		
78802-EP-EPT							
78802-JP-PCT	Japan	SINGLE ACTION DISPENSING DEVICE WITH SLIDING SLEEVE HAVING A PLUG	DOW GLOBAL TECHNOLOGIES LLC	01/31/2017	2018-540392		
	United States Of America	SINGLE ACTION DISPENSING DEVICE WITH SLIDING SLEEVE HAVING A PLUG	DOW GLOBAL TECHNOLOGIES LLC	01/31/2017	15/780691		
78802-US-PCT							
	International Procedure	SINGLE ACTION DISPENSING DEVICE WITH SLIDING SLEEVE HAVING A PLUG	DOW GLOBAL TECHNOLOGIES LLC	01/31/2017	PCT/US17/015758	WO/2017/139131	
78802-WO-PCT							

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78803-CA-PCT	Canada	SINGLE ACTION DISPENSING DEVICE WITH SLIDING SLEEVE	DOW GLOBAL TECHNOLOGIES LLC	01/31/2017	PCT/US17/015747			
78803-EP-EPT (Patents)	European Procedure	SINGLE ACTION DISPENSING DEVICE WITH SLIDING SLEEVE	DOW GLOBAL TECHNOLOGIES LLC	01/31/2017	17705231.3			
78803-JP-PCT	Japan	SINGLE ACTION DISPENSING DEVICE WITH SLIDING SLEEVE	DOW GLOBAL TECHNOLOGIES LLC	01/31/2017	2018-540389			
78803-US-PCT	United States Of America	SINGLE ACTION DISPENSING DEVICE WITH SLIDING SLEEVE	DOW GLOBAL TECHNOLOGIES LLC	01/31/2017	15/780715			
78803-WO-PCT	International Procedure	SINGLE ACTION DISPENSING DEVICE WITH SLIDING SLEEVE	DOW GLOBAL TECHNOLOGIES LLC	01/31/2017	PCT/US17/015747	WO/2017/139128		
79201-WO-PCT	International Procedure	SYSTEM FOR DIMENSIONALLY STABLE ISOCYANATE-FREE POLYURETHANE FOAM	DOW GLOBAL TECHNOLOGIES LLC	06/19/2017	PCT/US17/038094	WO/2018/005142		
79473-WO-PCT	International Procedure	WOOD-BASED MATERIAL INSULATED FOR COMBUSTION RESISTANCE	DOW GLOBAL TECHNOLOGIES LLC	07/31/2017	PCT/US17/044585	WO/2018/031270		
79826-WO-PCT	International Procedure	DISPENSER WITH CAP SINGLE FINGER DISPENSING ARTICLE	DOW GLOBAL TECHNOLOGIES LLC	10/16/2017	PCT/US17/056737	WO/2018/075381		
79829-WO-PCT	International Procedure	INTUMESCENT COATING SYSTEM	DOW GLOBAL TECHNOLOGIES LLC	10/16/2017	PCT/US17/056739	WO/2018/075382		
79956-WO-PCT	International Procedure	WALL STRUCTURE OF BUILDING	DOW GLOBAL TECHNOLOGIES LLC	03/31/2017	2017-070759			
80247-JP-NP	Japan	FILTERING FLUID DISPENSING DEVICE	DOW GLOBAL TECHNOLOGIES LLC	11/14/2017	62/585615			
81544-US-PSP	United States Of America	STYRENE RESIN EXTRUDED FOAM BOARD WITH LONG- TERM LOW THERMAL CONDUCTIVITY	DOW GLOBAL TECHNOLOGIES LLC	04/20/2018	2018-081396			
81584-JP-NP	Japan	LOW LAMBDA EXTRUDED POLYSTYRENE FOAM USING HYDROFLUOROLEFIN MIXTURES AS INSULATING BLOWING AGENTS	DOW GLOBAL TECHNOLOGIES LLC	12/15/2017	2017-240384			
81625-JP-NP	Japan	DISPENSER FOR CAN WITH FIXED VALVE STEM HOUSING	DOW GLOBAL TECHNOLOGIES LLC	04/10/2018	62/655284			
81827-US-PSP	United States Of America	DISPENSER FOR VALVE WITH STATIONARY VALVE STEM HOUSING	DOW GLOBAL TECHNOLOGIES LLC	04/10/2018	62/655292			
81832-US-PSP	United States Of America	DISPENSER ADAPTER LOW PRESSURE PROCESS TO MAKE TWO COMPONENT SPRAY POLYURETHANE FOAM	DOW GLOBAL TECHNOLOGIES LLC	06/15/2018	2018-114777			
81833-US-PSP	United States Of America	DISPENSER ADAPTER LOW PRESSURE PROCESS TO MAKE TWO COMPONENT SPRAY POLYURETHANE FOAM	DOW GLOBAL TECHNOLOGIES LLC	06/15/2018	2018-114777			
82066-JP-NP	Japan	DISPENSER ADAPTER LOW PRESSURE PROCESS TO MAKE TWO COMPONENT SPRAY POLYURETHANE FOAM	DOW GLOBAL TECHNOLOGIES LLC	06/15/2018	2018-114777			

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64149A-CN-PCT	China	ENHANCED EFFICACY OF FUNGICIDES IN PAPER AND PAPERBOARD	DOW GLOBAL TECHNOLOGIES INC	01/05/2006	200680001776.9	101098999	10/19/2011	200680001776.9
64149A-DE-EPT	Germany	ENHANCED EFFICACY OF FUNGICIDES IN PAPER AND PAPERBOARD	DOW GLOBAL TECHNOLOGIES LLC	01/05/2006	06717437.5	1859103	04/08/2015	602006045031.1
64149A-FR-EPT	France	ENHANCED EFFICACY OF FUNGICIDES IN PAPER AND PAPERBOARD	DOW GLOBAL TECHNOLOGIES LLC	01/05/2006	06717437.5	1859103	04/08/2015	1859103
64149A-GB-EPT	United Kingdom	ENHANCED EFFICACY OF FUNGICIDES IN PAPER AND PAPERBOARD	DOW GLOBAL TECHNOLOGIES LLC	01/05/2006	06717437.5	1859103	04/08/2015	1859103
64149A-KR-PCT	SOUTH KOREA	ENHANCED EFFICACY OF FUNGICIDES IN PAPER AND PAPERBOARD	DOW GLOBAL TECHNOLOGIES LLC	01/05/2006	2007-7015353		06/12/2013	10-1276386
64149A-MX-PCT	Mexico	ENHANCED EFFICACY OF FUNGICIDES IN PAPER AND PAPERBOARD	DOW GLOBAL TECHNOLOGIES LLC	01/05/2006	MX/a/07/008240	MX/a/07/008240		
64149A-PL-EPT	Poland	ENHANCED EFFICACY OF FUNGICIDES IN PAPER AND PAPERBOARD	DOW GLOBAL TECHNOLOGIES LLC	01/05/2006	06717437.5	1859103	04/08/2015	1859103
64149A-TR-EPT	Turkey	ENHANCED EFFICACY OF FUNGICIDES IN PAPER AND PAPERBOARD	DOW GLOBAL TECHNOLOGIES LLC	01/05/2006	06717437.5	1859103	04/08/2015	1859103
64370A-EP-ETD	European Procedure (Patents)	ANTIMICROBIAL COMPOSITION AND METHOD	DOW GLOBAL TECHNOLOGIES LLC	02/13/2014	14154982.4	2754350		
64370A-EP-ETD[2]	European Procedure (Patents)	ANTIMICROBIAL COMPOSITION AND METHOD	DOW GLOBAL TECHNOLOGIES LLC	06/18/2015	15172729.4	2952095		
64370A-EP-ETD[3]	European Procedure (Patents)	ANTIMICROBIAL COMPOSITION AND METHOD	DOW GLOBAL TECHNOLOGIES LLC	06/18/2015	15172738.5	2957174		
64370A-EP-ETD[4]	European Procedure (Patents)	ANTIMICROBIAL COMPOSITION AND METHOD	DOW GLOBAL TECHNOLOGIES LLC	06/18/2015	15172741.9	2962564		
64370A-JP-PCT	Japan	ANTIMICROBIAL COMPOSITION AND METHOD	DOW GLOBAL TECHNOLOGIES LLC	10/25/2006	2008-537916	2009-513650	04/05/2013	5237101
64933A-AU-PCT	Australia	STABLE, LOW VOC, LOW VISCOS, BIOCIDAL FORMULATIONS AND METHOD OF MAKING SUCH FORMULATIONS	DOW GLOBAL TECHNOLOGIES LLC	07/23/2007	2007277294		10/18/2012	2007277294

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64933A-BR-PCT	Brazil	STABLE, LOW VOC, LOW VISCIOUS BIOCIDAL FORMULATIONS AND METHOD OF MAKING SUCH FORMULATIONS	DOW GLOBAL TECHNOLOGIES INC	07/23/2007	PI0713195-0		02/17/2015	PI0713195-0
64933A-CN-PCT	China	STABLE, LOW VOC, LOW VISCIOUS BIOCIDAL FORMULATIONS AND METHOD OF MAKING SUCH FORMULATIONS	DOW GLOBAL TECHNOLOGIES LLC	07/23/2007	200780025873.6	101489391	09/03/2014	200780025873.6
64933A-DE-EPT	Germany	STABLE, LOW VOC, LOW VISCIOUS BIOCIDAL FORMULATIONS AND METHOD OF MAKING SUCH FORMULATIONS	DOW GLOBAL TECHNOLOGIES LLC	07/23/2007	07810716.6	2046126	08/26/2015	602007042810.6
64933A-FR-EPT	France	STABLE, LOW VOC, LOW VISCIOUS BIOCIDAL FORMULATIONS AND METHOD OF MAKING SUCH FORMULATIONS	DOW GLOBAL TECHNOLOGIES LLC	07/23/2007	07810716.6	2046126	08/26/2015	2046126
64933A-GB-EPT	United Kingdom	STABLE, LOW VOC, LOW VISCIOUS BIOCIDAL FORMULATIONS AND METHOD OF MAKING SUCH FORMULATIONS	DOW GLOBAL TECHNOLOGIES LLC	07/23/2007	07810716.6	2046126	08/26/2015	2046126
64933A-JP-PCT	Japan	STABLE, LOW VOC, LOW VISCIOUS BIOCIDAL FORMULATIONS AND METHOD OF MAKING SUCH FORMULATIONS	DOW GLOBAL TECHNOLOGIES LLC	07/23/2007	2009-521796	2009-544704	04/05/2013	5237275
64933A-KR-PCT	SOUTH KOREA	STABLE, LOW VOC, LOW VISCIOUS BIOCIDAL FORMULATIONS AND METHOD OF MAKING SUCH FORMULATIONS	DOW GLOBAL TECHNOLOGIES LLC	07/23/2007	10-2009-7001598	2009-33370	10/14/2015	10-1562069
64933A-MX-PCT	Mexico	STABLE, LOW VOC, LOW VISCIOUS BIOCIDAL FORMULATIONS AND METHOD OF MAKING SUCH FORMULATIONS	DOW GLOBAL TECHNOLOGIES LLC	07/23/2007	MX/d/09/000945	MX/d/09/000945	11/29/2011	292796
64933A-SG-PCT	Singapore	STABLE, LOW VOC, LOW VISCIOUS BIOCIDAL FORMULATIONS AND METHOD OF MAKING SUCH FORMULATIONS	DOW GLOBAL TECHNOLOGIES INC	07/23/2007	200809573-9		08/31/2011	149133

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		STABLE, LOW VOC, LOW VISCOS BIOCIDAL FORMULATIONS AND METHOD OF MAKING SUCH FORMULATIONS	DOW GLOBAL TECHNOLOGIES LLC	07/24/2007	96126919	200816922	01/01/2014	1421029
64933A-TW-NP	Taiwan	STABLE, LOW VOC, LOW VISCOS BIOCIDAL FORMULATIONS AND METHOD OF MAKING SUCH FORMULATIONS	DOW GLOBAL TECHNOLOGIES LLC	07/24/2007	96126919	200816922	01/01/2014	1421029
64933A-US-PCT	United States Of America	FORMULATIONS AND METHOD OF MAKING SUCH FORMULATIONS	DOW GLOBAL TECHNOLOGIES LLC	07/23/2007	12/307599	2010-0016390		
65370-BR-PCT	Brazil	COMPOSITIONS OF DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	09/27/2010	112012006243.3		12/26/2017	112012006243.3
65370-CN-PCT	China	COMPOSITIONS OF DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	09/27/2010	201080043191.X	102548404	08/27/2014	201080043191.X
65370-DE-EPT	Germany	COMPOSITIONS OF DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	09/27/2010	10760883.8	2482653	10/28/2015	602010028629.0
65370-FR-EPT	France	COMPOSITIONS OF DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	09/27/2010	10760883.8	2482653	10/28/2015	2482653
65370-GB-EPT	United Kingdom	COMPOSITIONS OF DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	09/27/2010	10760883.8	2482653	10/28/2015	2482653
65370-IN-PCT	India	COMPOSITIONS OF DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	09/27/2010	2726/CHE/NP/2012	2726/CHE/NP/2012		
65370-JP-PCT	Japan	COMPOSITIONS OF DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	09/27/2010	2012-531095	2013-505959	06/05/2015	5756113
65370-MX-PCT	Mexico	COMPOSITIONS OF DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	09/27/2010	MX/a/12/003738	MX/a/12/003738	12/17/2014	326421
65370-US-PCT	United States Of America	COMPOSITIONS OF DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	09/27/2010	13/391908	2012-0172430	10/07/2014	8852619
65499A-DE-EPT	Germany	PROCESS FOR PREPARING LATEX PAINTS CONTAINING BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	11/10/2008	08856379.6	2217667	12/27/2017	602008053544.4
65499A-EP-EPT	European Procedure (Patents)	PROCESS FOR PREPARING LATEX PAINTS CONTAINING BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	11/10/2008	08856379.6	2217667	12/27/2017	2217667
65499A-FR-EPT	France	PROCESS FOR PREPARING LATEX PAINTS CONTAINING BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	11/10/2008	08856379.6	2217667	12/27/2017	2217667

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65499A-GB-EPT	United Kingdom	PROCESS FOR PREPARING LATEX PAINTS CONTAINING BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	11/10/2008	08856379.6	2217667	12/27/2017	2217667
65499A-IN-PCT	India	PROCESS FOR PREPARING LATEX PAINTS CONTAINING BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	11/10/2008	3166/CHENP/2010		02/28/2018	293573
65499A-JP-PCT	Japan	PROCESS FOR PREPARING LATEX PAINTS CONTAINING BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	11/10/2008	2010-536045	2011-505459		
65499A-RU-PCT	Russian Federation	PROCESS FOR PREPARING LATEX PAINTS CONTAINING BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	11/10/2008	2010126597		05/20/2013	2482147
65499A-US-PCT	United States Of America	PROCESS FOR PREPARING LATEX PAINTS CONTAINING BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	11/10/2008	127740936	2011-0015299	02/10/2015	8952081
65500A-US-PCT	United States Of America	MOLD-RESISTANT WALLBOARD	DOW GLOBAL TECHNOLOGIES LLC	01/18/2008	12523875	2010-0256204	01/29/2013	8362051
65716A-AU-PCT	Australia	METHODS AND FORMULATIONS FOR REDUCING AND INHIBITING THE GROWTH OF THE CONCENTRATION OF MICROBES IN WATER BASED FLUIDS AND SYSTEMS USED WITH THEM	DOW GLOBAL TECHNOLOGIES LLC	07/21/2008	2008279285		04/24/2014	2008279285
65716A-BR-PCT	Brazil	METHODS AND FORMULATIONS FOR REDUCING AND INHIBITING THE GROWTH OF THE CONCENTRATION OF MICROBES IN WATER BASED FLUIDS AND SYSTEMS USED WITH THEM	DOW GLOBAL TECHNOLOGIES INC	07/21/2008	P10813050.7			
65716A-CN-PCT	China	METHODS AND FORMULATIONS FOR REDUCING AND INHIBITING THE GROWTH OF THE CONCENTRATION OF MICROBES IN WATER BASED FLUIDS AND SYSTEMS USED WITH THEM	DOW GLOBAL TECHNOLOGIES INC	07/21/2008	200880100159.3	101754685	09/16/2015	200880100159.3

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65716A-DE-EPT	GERMANY	THIS	OWNER	ISSUING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
65716A-DE-EPT	Germany	METHODS AND FORMULATIONS FOR REDUCING AND INHIBITING THE GROWTH OF THE CONCENTRATION OF MICROBES IN WATER BASED FLUIDS AND SYSTEMS USED WITH THEM	DOW GLOBAL TECHNOLOGIES LLC	07/21/2008	08826509.5	2175721	02/08/2017	602008048710.5
		METHODS AND FORMULATIONS FOR REDUCING AND INHIBITING THE GROWTH OF THE CONCENTRATION OF MICROBES IN WATER BASED FLUIDS AND SYSTEMS USED WITH THEM	DOW GLOBAL TECHNOLOGIES LLC	07/21/2008	08826509.5	2175721	02/08/2017	2175721
65716A-DK-EPT	Denmark	METHODS AND FORMULATIONS FOR REDUCING AND INHIBITING THE GROWTH OF THE CONCENTRATION OF MICROBES IN WATER BASED FLUIDS AND SYSTEMS USED WITH THEM	DOW GLOBAL TECHNOLOGIES LLC	07/21/2008	08826509.5	2175721	02/08/2017	2175721
		METHODS AND FORMULATIONS FOR REDUCING AND INHIBITING THE GROWTH OF THE CONCENTRATION OF MICROBES IN WATER BASED FLUIDS AND SYSTEMS USED WITH THEM	DOW GLOBAL TECHNOLOGIES LLC	07/21/2008	08826509.5	2175721	02/08/2017	2175721
65716A-FR-EPT	France	METHODS AND FORMULATIONS FOR REDUCING AND INHIBITING THE GROWTH OF THE CONCENTRATION OF MICROBES IN WATER BASED FLUIDS AND SYSTEMS USED WITH THEM	DOW GLOBAL TECHNOLOGIES LLC	07/21/2008	08826509.5	2175721	02/08/2017	2175721
		METHODS AND FORMULATIONS FOR REDUCING AND INHIBITING THE GROWTH OF THE CONCENTRATION OF MICROBES IN WATER BASED FLUIDS AND SYSTEMS USED WITH THEM	DOW GLOBAL TECHNOLOGIES LLC	07/21/2008	08826509.5	2175721	02/08/2017	2175721
65716A-GB-EPT	United Kingdom	METHODS AND FORMULATIONS FOR REDUCING AND INHIBITING THE GROWTH OF THE CONCENTRATION OF MICROBES IN WATER BASED FLUIDS AND SYSTEMS USED WITH THEM	DOW GLOBAL TECHNOLOGIES LLC	07/21/2008	08826509.5	2175721	02/08/2017	2175721
		METHODS AND FORMULATIONS FOR REDUCING AND INHIBITING THE GROWTH OF THE CONCENTRATION OF MICROBES IN WATER BASED FLUIDS AND SYSTEMS USED WITH THEM	DOW GLOBAL TECHNOLOGIES INC	07/20/2008	2008/11350		01/07/2015	GC0003256

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
65716A-IN-PCT	India	METHODS AND FORMULATIONS FOR REDUCING AND INHIBITING THE GROWTH OF THE CONCENTRATION OF MICROBES IN WATER BASED FLUIDS AND SYSTEMS USED WITH THEM	DOW GLOBAL TECHNOLOGIES LLC	07/21/2008	962/CHE:NP/2010		06/23/2017	284517
65716A-JP-PCT	Japan	METHODS AND FORMULATIONS FOR REDUCING AND INHIBITING THE GROWTH OF THE CONCENTRATION OF MICROBES IN WATER BASED FLUIDS AND SYSTEMS USED WITH THEM	DOW GLOBAL TECHNOLOGIES LLC	07/21/2008	2010-518320	2010-534666	09/20/2013	5368443
65716A-NO-EPT	Norway	METHODS AND FORMULATIONS FOR REDUCING AND INHIBITING THE GROWTH OF THE CONCENTRATION OF MICROBES IN WATER BASED FLUIDS AND SYSTEMS USED WITH THEM	DOW GLOBAL TECHNOLOGIES LLC	07/21/2008	08826509.5	2175721	02/08/2017	2175721
65716A-RU-PCT	Russian Federation	METHODS AND FORMULATIONS FOR REDUCING AND INHIBITING THE GROWTH OF THE CONCENTRATION OF MICROBES IN WATER BASED FLUIDS AND SYSTEMS USED WITH THEM	DOW GLOBAL TECHNOLOGIES LLC	07/21/2008	2010106019		04/20/2013	2479206
65716A-US-PCT	United States Of America	METHODS OF AND FORMULATIONS FOR REDUCING AND INHIBITING THE GROWTH OF THE CONCENTRATION OF MICROBES IN WATER BASED FLUIDS AND SYSTEMS USED WITH THEM	DOW GLOBAL TECHNOLOGIES LLC	07/21/2008	12/669667	2010-0286096	09/22/2015	9139796

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
65870A-AR-NP	Argentina	METHODS OF AND FORMULATIONS FOR REDUCING AND INHIBITING THE GROWTH OF THE CONCENTRATION OF MICROBES IN WATER-BASED FLUIDS AND SYSTEMS USED WITH THEM	DOW GLOBAL TECHNOLOGIES INC	07/23/2008	P080103196		04/18/2017	AR068085
65870A-BR-PCT	Brazil	METHODS OF AND FORMULATIONS FOR REDUCING AND INHIBITING THE GROWTH OF THE CONCENTRATION OF MICROBES IN WATER-BASED FLUIDS AND SYSTEMS USED WITH THEM	DOW GLOBAL TECHNOLOGIES INC	07/21/2008	P108127000			
65870A-DE-EPT	Germany	METHODS OF AND FORMULATIONS FOR REDUCING AND INHIBITING THE GROWTH OF THE CONCENTRATION OF MICROBES IN WATER-BASED FLUIDS AND SYSTEMS USED WITH THEM	DOW GLOBAL TECHNOLOGIES LLC	07/21/2008	08826631.7	2173176	09/06/2017	602008052055.2
65870A-DK-EPT	Denmark	METHODS OF AND FORMULATIONS FOR REDUCING AND INHIBITING THE GROWTH OF THE CONCENTRATION OF MICROBES IN WATER-BASED FLUIDS AND SYSTEMS USED WITH THEM	DOW GLOBAL TECHNOLOGIES LLC	07/21/2008	08826631.7	2173176	09/06/2017	2173176
65870A-FR-EPT	France	METHODS OF AND FORMULATIONS FOR REDUCING AND INHIBITING THE GROWTH OF THE CONCENTRATION OF MICROBES IN WATER-BASED FLUIDS AND SYSTEMS USED WITH THEM	DOW GLOBAL TECHNOLOGIES LLC	07/21/2008	08826631.7	2173176	09/06/2017	2173176

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
65870A-GB-EPT	United Kingdom	METHODS OF AND FORMULATIONS FOR REDUCING AND INHIBITING THE GROWTH OF THE CONCENTRATION OF MICROBES IN WATER-BASED FLUIDS AND SYSTEMS USED WITH THEM	DOW GLOBAL TECHNOLOGIES LLC	07/21/2008	08826631.7	2173176	09/06/2017	2173176
65870A-GC-NP	Gulf Cooperation Council	METHODS OF AND FORMULATIONS FOR REDUCING AND INHIBITING THE GROWTH OF THE CONCENTRATION OF MICROBES IN WATER-BASED FLUIDS AND SYSTEMS USED WITH THEM	DOW GLOBAL TECHNOLOGIES INC	07/20/2008	2008/11351			
65870A-NO-EPT	Norway	METHODS OF AND FORMULATIONS FOR REDUCING AND INHIBITING THE GROWTH OF THE CONCENTRATION OF MICROBES IN WATER-BASED FLUIDS AND SYSTEMS USED WITH THEM	DOW GLOBAL TECHNOLOGIES LLC	07/21/2008	08826631.7	2173176	09/06/2017	2173176
65870A-US-PCT	United States Of America	METHODS OF AND FORMULATIONS FOR REDUCING AND INHIBITING THE GROWTH OF THE CONCENTRATION OF MICROBES IN WATER-BASED FLUIDS AND SYSTEMS USED WITH THEM	DOW GLOBAL TECHNOLOGIES LLC	07/21/2008	12/669657	2010-0298275	02/10/2015	8952199
65979-BR-PCT	Brazil	BIOCIDAL COMPOSITIONS	DOW GLOBAL TECHNOLOGIES INC	06/26/2009	P10910177.2		09/26/2017	P10910177.2
65979-CN-PCT	China	BIOCIDAL COMPOSITIONS	TECHNOLOGIES INC	06/26/2009	200980124663.1	102076217	11/05/2014	200980124663.1
65979-DE-EPT	Germany	BIOCIDAL COMPOSITIONS	DOW GLOBAL TECHNOLOGIES LLC	06/26/2009	09771108.9	2303024	03/16/2016	602009036834.6
65979-FR-EPT	France	BIOCIDAL COMPOSITIONS	DOW GLOBAL TECHNOLOGIES LLC	06/26/2009	09771108.9	2303024	03/16/2016	2303024
65979-GB-EPT	United Kingdom	BIOCIDAL COMPOSITIONS	DOW GLOBAL TECHNOLOGIES LLC	06/26/2009	09771108.9	2303024	03/16/2016	2303024
65979-IN-PCT	India	BIOCIDAL COMPOSITIONS	TECHNOLOGIES LLC	06/26/2009	8502/CHENP/2010	8502/CHENP/2010	02/09/2018	292735
65979-JP-PCT	Japan	BIOCIDAL COMPOSITIONS	DOW GLOBAL TECHNOLOGIES LLC	06/26/2009	2011-516701	2011-526300	09/19/2014	5616337

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PATENT NO.	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NO.	GRANT NO.	GRANT DATE
65979-MX-PCT	Mexico	BIOCIDAL COMPOSITIONS	DOW GLOBAL TECHNOLOGIES INC	06/26/2009	MX/a/2010/014576			05/18/2012
65979-RU-PCT	Russian Federation	BIOCIDAL COMPOSITIONS	DOW GLOBAL TECHNOLOGIES LLC	06/26/2009	2011102979	2011102979	05/20/2014	2515678
65979-US-NP	United States Of America	BIOCIDAL COMPOSITIONS	DOW GLOBAL TECHNOLOGIES LLC	06/26/2009	12/492470	2009-0325965	07/17/2012	8222250
66260-CN-PCT	China	PREPARATION OF GLUTARALDEHYDE	DOW GLOBAL TECHNOLOGIES INC	06/09/2009	200980122612.5	102066302	11/20/2013	200980122612.5
66260-DE-EPT	Germany	PREPARATION OF GLUTARALDEHYDE	DOW GLOBAL TECHNOLOGIES LLC	06/09/2009	09767479.0	2300406	12/07/2016	602009042938.8
66260-US-NP	United States Of America	PREPARATION OF GLUTARALDEHYDE	DOW GLOBAL TECHNOLOGIES LLC	06/09/2009	12/481181	2009-0318735	05/04/2010	7709686
66315A-BR-PCT	Brazil	A HIGH THROUGHPUT TEST METHOD FOR EVALUATION OF BIOCIDES AGAINST ANAEROBIC MICROORGANISMS	DOW GLOBAL TECHNOLOGIES INC	09/10/2008	PI0815857.6			
66315A-JP-PCT	Japan	A HIGH THROUGHPUT TEST METHOD FOR EVALUATION OF BIOCIDES AGAINST ANAEROBIC MICROORGANISMS	DOW GLOBAL TECHNOLOGIES LLC	09/10/2008	2010-525893	2010-539903	06/06/2014	5554711
66758A-BR-PCT	Brazil	VISCOUS BIOCIDAL FORMULATIONS AND METHOD OF MAKING SUCH FORMULATIONS	DOW GLOBAL TECHNOLOGIES INC	12/02/2008	PI0819962.0		04/11/2017	PI0819962-0
66758A-CN-PCT	China	STABLE, LOW VOC, LOW VISCIOUS BIOCIDAL FORMULATIONS AND METHOD OF MAKING SUCH FORMULATIONS	DOW GLOBAL TECHNOLOGIES INC	12/02/2008	200880124820.4	101909437	08/21/2013	200880124820.4
66758A-DE-EPT	Germany	VISCOUS BIOCIDAL FORMULATIONS AND METHOD OF MAKING SUCH FORMULATIONS	DOW GLOBAL TECHNOLOGIES LLC	12/02/2008	08871161.9	2247182	04/19/2017	602008049899.9
66758A-FR-EPT	France	STABLE, LOW VOC, LOW VISCIOUS BIOCIDAL FORMULATIONS AND METHOD OF MAKING SUCH FORMULATIONS	DOW GLOBAL TECHNOLOGIES LLC	12/02/2008	08871161.9	2247182	04/19/2017	2247182
66758A-GB-EPT	United Kingdom	STABLE, LOW VOC, LOW VISCIOUS BIOCIDAL FORMULATIONS AND METHOD OF MAKING SUCH FORMULATIONS	DOW GLOBAL TECHNOLOGIES LLC	12/02/2008	08871161.9	2247182	04/19/2017	2247182

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66758A-GC-NP	Gulf Cooperation Council	STABLE, LOW VOC, LOW VISCOS BIOCIDAL FORMULATIONS AND METHOD OF MAKING SUCH FORMULATIONS	DOW GLOBAL TECHNOLOGIES INC	11/30/2008	2008/12282		03/12/2014	GC0002845
66758A-IN-PCT	India	STABLE, LOW VOC, LOW VISCOS BIOCIDAL FORMULATIONS AND METHOD OF MAKING SUCH FORMULATIONS	DOW GLOBAL TECHNOLOGIES LLC	12/02/2008	4372/CHENP/2010			
66758A-JP-PCT	Japan	STABLE, LOW VOC, LOW VISCOS BIOCIDAL FORMULATIONS AND METHOD OF MAKING SUCH FORMULATIONS	DOW GLOBAL TECHNOLOGIES LLC	12/02/2008	2010-543107	2011-509999	10/18/2013	5390536
66758A-MX-PCD	Mexico	STABLE, LOW VOC, LOW VISCOS BIOCIDAL FORMULATIONS AND METHOD OF MAKING SUCH FORMULATIONS	DOW GLOBAL TECHNOLOGIES LLC	10/25/2013	MX/a/13/012507		06/05/2017	348263
66758A-MX-PCT	Mexico	STABLE, LOW VOC, LOW VISCOS BIOCIDAL FORMULATIONS AND METHOD OF MAKING SUCH FORMULATIONS	DOW GLOBAL TECHNOLOGIES LLC	12/02/2008	MX/a/2010/007844	MX/a/2010/007844	08/28/2014	323163
66758A-RU-PCT	Russian Federation	STABLE, LOW VOC, LOW VISCOS BIOCIDAL FORMULATIONS AND METHOD OF MAKING SUCH FORMULATIONS	DOW GLOBAL TECHNOLOGIES INC	12/02/2008	2010134418		06/27/2013	2485775
66883-US-DIV	United States Of America	BIOCIDAL COMPOSITION OF 2,6-DIMETHYL-M-DIOXANE-4-OL ACETATE AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC	05/27/2014	14/287504	2014-0275190	12/27/2016	9526249
66883-US-DIV[2]	United States Of America	BIOCIDAL COMPOSITION OF 2,6-DIMETHYL-M-DIOXANE-4-OL ACETATE AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC	05/27/2014	14/287522	2014-0256777	12/20/2016	9521849
66883-US-NP	United States Of America	BIOCIDAL COMPOSITION AND METHOD OF USE	DOW GLOBAL TECHNOLOGIES LLC	11/17/2009	12/619715	2010-0125095	07/01/2014	8765806
67183-AU-PCT	Australia	BIOCIDAL COMPOSITION AND METHOD	DOW GLOBAL TECHNOLOGIES LLC	07/13/2009	2009271167		08/27/2015	2009271167
67183-DE-EPT	Germany	BIOCIDAL COMPOSITION AND METHOD	DOW GLOBAL TECHNOLOGIES LLC	07/13/2009	09790327.2	2306822	10/26/2016	602009041980.3

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PATENT NO.	INVENTOR	INVENTOR'S ADDRESS	ATTORNEY'S NAME	ATTORNEY'S ADDRESS	GRANT DATE	GRANT NO.
67183-EP-EPT	European Procedure (Patents)	BIOCIDAL COMPOSITION AND METHOD	DOW GLOBAL TECHNOLOGIES LLC	07/13/2009	09790327.2	2306822
67183-FR-EPT	France	BIOCIDAL COMPOSITION AND METHOD	DOW GLOBAL TECHNOLOGIES LLC	07/13/2009	09790327.2	2306822
67183-GB-EPT	United Kingdom	BIOCIDAL COMPOSITION AND METHOD	TECHNOLOGIES LLC	07/13/2009	09790327.2	2306822
67183-IN-PCT	India	BIOCIDAL COMPOSITION AND METHOD	DOW GLOBAL TECHNOLOGIES LLC	07/13/2009	221/CHE:NP/2011	221/CHE:NP/2011
67183-JP-PCD	Japan	BIOCIDAL COMPOSITION AND METHOD	TECHNOLOGIES LLC	12/19/2014	2014-257595	10/26/2016
67183-JP-PCT	Japan	BIOCIDAL COMPOSITION AND METHOD	DOW GLOBAL TECHNOLOGIES LLC	07/13/2009	2011-518815	2011-528356
67183-KR-PCT	SOUTH KOREA	BIOCIDAL COMPOSITION AND METHOD	TECHNOLOGIES LLC	07/13/2009	2011-7003355	09/08/2016
67183-RU-PCT	Russian Federation	BIOCIDAL COMPOSITION AND METHOD	TECHNOLOGIES LLC	07/13/2009	20111105400	04/20/2014
67438-JP-PCT	Japan	BIOCIDAL COMPOSITIONS	TECHNOLOGIES LLC	07/15/2009	2011-518881	01/09/2015
67438-KR-PCT	SOUTH KOREA	BIOCIDAL COMPOSITIONS	TECHNOLOGIES LLC	07/15/2009	2011-7003640	08/05/2016
67789-BR-PCT	Brazil	A PROCESS FOR PREPARING 2,2-DIBROMOMALONAMIDE	TECHNOLOGIES LLC	11/18/2010	1120120103512	10-1647856
67789-CN-PCT	China	A PROCESS FOR PREPARING 2,2-DIBROMOMALONAMIDE	TECHNOLOGIES LLC	11/18/2010	201080052930.1	01/20/2016
67789-DE-EPT	Germany	A PROCESS FOR PREPARING 2,2-DIBROMOMALONAMIDE	TECHNOLOGIES LLC	11/18/2010	10782777.6	08/12/2015
67789-FR-EPT	France	A PROCESS FOR PREPARING 2,2-DIBROMOMALONAMIDE	TECHNOLOGIES LLC	11/18/2010	10782777.6	08/12/2015
67789-GB-EPT	United Kingdom	A PROCESS FOR PREPARING 2,2-DIBROMOMALONAMIDE	TECHNOLOGIES LLC	11/18/2010	10782777.6	08/12/2015
67789-IN-PCT	India	A PROCESS FOR PREPARING 2,2-DIBROMOMALONAMIDE	TECHNOLOGIES LLC	11/18/2010	4532/CHE:NP/2012	05/22/2015
67789-JP-PCT	Japan	A PROCESS FOR PREPARING 2,2-DIBROMOMALONAMIDE	TECHNOLOGIES LLC	11/18/2010	2012-540054	05/22/2015
67789-MX-PCT	Mexico	A PROCESS FOR PREPARING 2,2-DIBROMOMALONAMIDE	TECHNOLOGIES LLC	11/18/2010	MX/a/2012/005985	11/06/2015
67789-TR-EPT	Turkey	A PROCESS FOR PREPARING 2,2-DIBROMOMALONAMIDE	TECHNOLOGIES LLC	11/18/2010	10782777.6	08/12/2015
67789-US-DIV	United States Of America	A PROCESS FOR PREPARING 2,2-DIBROMOMALONAMIDE	TECHNOLOGIES LLC	01/27/2015	14/606926	12/29/2015
67789-US-NP	United States Of America	A PROCESS FOR PREPARING 2,2-DIBROMOMALONAMIDE	TECHNOLOGIES LLC	11/18/2010	12/949325	03/10/2015
67804-AU-PCT	Australia	BIOCIDAL COMPOSITIONS AND METHODS OF USE	TECHNOLOGIES LLC	10/01/2009	2009298479	09/25/2014

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PATENT NUMBER	COUNTRY	TITLE	OWNER	PENDING DATE	APP. NUMBER	PIF. NUMBER	GRANT NUMBER
67804-BR-PCT	Brazil	BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC	10/01/2009	P10913823.4		
67804-CN-PCT	China	BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC	10/01/2009	200980138967.3	102231949	200980138967.3
67804-DE-EPT	Germany	BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC	10/01/2009	09793225.5	2346327	602009035878.2
67804-FR-EPT	France	BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC	10/01/2009	09793225.5	2346327	2346327
67804-GB-EPT	United Kingdom	BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC	10/01/2009	09793225.5	2346327	2346327
67804-IN-PCT	India	BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC	10/01/2009	2217/CHE:NP/2011	2217/CHE:NP/2011	292074
67804-JP-PCT	Japan	BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC	10/01/2009	2011-530212	2012-504637	5551705
67804-PL-EPT	Poland	BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC	10/01/2009	09793225.5	2346327	2346327
67804-RU-PCT	Russian Federation	BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC	10/01/2009	2011117339	2011117339	2515679
67804-US-NP	United States Of America	BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC	10/01/2008	12/243028	2010-0078393	
67969-BR-PCT	Brazil	BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC	03/26/2009	P10923973.1		P10923973.1
67969-JP-PCT	Japan	BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC	03/26/2009	2012-501109	2012-521367	5536866
67969-US-PCT	United States Of America	BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC	03/26/2009	13/203875	2012-0009176	8828414
67971-BR-PCT	Brazil	BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC	03/26/2009	P10923974.0		P10923974.0
67971-CN-PCT	China	BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC	03/26/2009	200980158180.3	102361553	200980158180.3
67971-JP-PCT	Japan	BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC	02/27/2014	2014-036690	2014-129388	5820003

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PATENT NUMBER	INVENTOR	TITLE	IPC CLASS	INVENTOR NAME	INVENTOR ADDRESS	INVENTOR CITY	INVENTOR STATE	INVENTOR ZIP	INVENTOR COUNTRY
67971-JP-PCT	Japan	BIOCIDAL COMPOSITION OF 2,6-DIMETHYL-M-DIOXANE-4-OL ACETATE AND METHODS OF USE	DOW GLOBAL	TECHNOLOGIES LLC	03/26/2009	2012-501110	2012-521368	05/09/2014	5536867
68280-BR-PCT	Brazil	COLD TEMPERATURE STABLE BIOCIDAL COMPOSITION	DOW GLOBAL	TECHNOLOGIES LLC	03/25/2010	P10006774.4			
68280-CN-PCT	China	COLD TEMPERATURE STABLE BIOCIDAL COMPOSITION	DOW GLOBAL	TECHNOLOGIES LLC	03/25/2010	201080014374.9	102438457	01/28/2015	201080014374.9
68280-DE-EPT	Germany	COLD TEMPERATURE STABLE BIOCIDAL COMPOSITION	DOW GLOBAL	TECHNOLOGIES LLC	03/25/2010	10711125.4	2417231	07/30/2014	602010017883.8
68280-FR-EPT	France	COLD TEMPERATURE STABLE BIOCIDAL COMPOSITION	TECHNOLOGIES LLC	03/25/2010	10711125.4	2417231	2417231	07/30/2014	2417231
68280-GB-EPT	United Kingdom	COLD TEMPERATURE STABLE BIOCIDAL COMPOSITION	DOW GLOBAL	TECHNOLOGIES LLC	03/25/2010	10711125.4	2417231	07/30/2014	2417231
68280-IT-EPT	Italy	COLD TEMPERATURE STABLE BIOCIDAL COMPOSITION	TECHNOLOGIES LLC	03/25/2010	10711125.4	2417231	2417231	07/30/2014	2417231
68280-JP-PCT	Japan	COLD TEMPERATURE STABLE BIOCIDAL COMPOSITION	TECHNOLOGIES LLC	03/25/2010	2012-503518	2012-522784	2012-522784	04/10/2015	5727456
68280-RU-PCT	Russian Federation	COLD TEMPERATURE STABLE BIOCIDAL COMPOSITION	TECHNOLOGIES LLC	03/25/2010	2011144572	2011144572	2011144572	11/27/2014	2534577
68430-AR-NP	Argentina	BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL	TECHNOLOGIES INC	04/21/2010	P100101312		05/16/2018	076348
68430-AU-PCT	Australia	BIOCIDAL COMPOSITIONS AND METHODS OF USE	TECHNOLOGIES LLC	06/18/2010	2010318652			09/04/2014	2010318652
68430-BR-PCT	Brazil	BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL	TECHNOLOGIES LLC	06/18/2010	1120120107470			
68430-CN-PCT	China	BIOCIDAL COMPOSITIONS AND METHODS OF USE	TECHNOLOGIES LLC	06/18/2010	201080050856.X	102665423		10/15/2014	201080050856.X
68430-DE-EPT	Germany	BIOCIDAL COMPOSITIONS AND METHODS OF USE	TECHNOLOGIES LLC	06/18/2010	10727318.7	2498613	2498613	03/11/2015	602010023043.0
68430-FR-EPT	France	BIOCIDAL COMPOSITIONS AND METHODS OF USE	TECHNOLOGIES LLC	06/18/2010	10727318.7	2498613	2498613	03/11/2015	2498613
68430-GB-EPT	United Kingdom	BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL	TECHNOLOGIES LLC	06/18/2010	10727318.7	2498613	03/11/2015	2498613
68430-GC-NP	Gulf Cooperation Council	BIOCIDAL COMPOSITIONS AND METHODS OF USE	TECHNOLOGIES INC	04/21/2010	P1201015719			03/14/2018	GC0007335
68430-IN-PCT	India	BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL	TECHNOLOGIES LLC	06/18/2010	4130CHE/NP/2012	4130CHE/NP/2012		
68430-JP-PCT	Japan	BIOCIDAL COMPOSITIONS AND METHODS OF USE	TECHNOLOGIES LLC	06/18/2010	2012-537867	2013-510146		06/26/2015	5767233
68430-PL-EPT	Poland	BIOCIDAL COMPOSITIONS AND METHODS OF USE	TECHNOLOGIES LLC	06/18/2010	10727318.7	2498613	2498613	03/11/2015	2498613
68430-RU-PCT	Russian Federation	BIOCIDAL COMPOSITIONS AND METHODS OF USE	TECHNOLOGIES LLC	06/18/2010	2012124023	2012124023	2012124023	04/10/2015	2547177
68430-US-DIV	United States Of America	BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL	TECHNOLOGIES INC	08/29/2016	157249614	2016-0360746	04/03/2018	9930885

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68430-US-NP	United States Of America	BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC	06/18/2010	12/818581	2011-0108493	9451768
68487-AR-DIV	Argentina	GLUTARALDEHYDE BASED BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES INC	04/13/2018	20180100946		
68487-AR-DIV[2]	Argentina	GLUTARALDEHYDE BASED BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES INC	04/13/2018	20180100947		
68487-AR-NP	Argentina	GLUTARALDEHYDE BASED BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES INC	05/26/2010	P100101821	076708	
68487-AU-PCD	Australia	GLUTARALDEHYDE BASED BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC	03/03/2014	2014201141		2014201141
68487-AU-PCD[2]	Australia	GLUTARALDEHYDE BASED BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC	03/03/2014	2014201142		2014201142
68487-AU-PCT	Australia	GLUTARALDEHYDE BASED BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC	05/21/2010	2010254313		2010254313
68487-BR-PCD	Brazil	GLUTARALDEHYDE BASED BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC	03/06/2017	12201700442-7		12201700442-7
68487-BR-PCT	Brazil	GLUTARALDEHYDE BASED BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC	05/21/2010	P11007581.0		P11007581.0
68487-CN-PCD	China	GLUTARALDEHYDE BASED BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES INC	01/21/2014	201410026142.5	103704208	201410026142.5
68487-CN-PCD[2]	China	GLUTARALDEHYDE BASED BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES INC	01/21/2014	201410026201.9	103749464	201410026201.9
68487-CN-PCT	China	GLUTARALDEHYDE BASED BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC	05/21/2010	201080022898.2	102448294	201080022898.2
68487-DE-EPT	Germany	GLUTARALDEHYDE BASED BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC	05/21/2010	10722244.0	2434877	602010015170.0
68487-DE-ETD	Germany	GLUTARALDEHYDE BASED BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC	10/18/2013	13189411.5	2700313	602010029796.9
68487-FR-EPT	France	GLUTARALDEHYDE BASED BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC	05/21/2010	10722244.0	2434877	2434877
68487-FR-ETD	France	GLUTARALDEHYDE BASED BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC	10/18/2013	13189411.5	2700313	2700313

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68487-GB-EPT	United Kingdom	GLUTARALDEHYDE BASED BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC	05/21/2010	10722244.0	2434877	04/16/2014	2434877
68487-GB-ETD	United Kingdom	GLUTARALDEHYDE BASED BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC	10/18/2013	13189411.5	2700313	12/23/2015	2700313
68487-GC-GCD	Gulf Cooperation Council	BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES INC	03/16/2016	2010-30981			
68487-GC-GCD[2]	Gulf Cooperation Council	GLUTARALDEHYDE BASED BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES INC	03/09/2016	2010-30980			
68487-GC-GCP	Gulf Cooperation Council	BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES INC	05/25/2010	2010/15938		04/22/2018	GC0007631
68487-IN-PCD	India	GLUTARALDEHYDE BASED BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC	05/10/2018	201848017668	201848017668		
68487-IN-PCT	India	BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC	05/21/2010	8641/CHENP/2011	8641/CHENP/2011	09/14/2018	301026
68487-JP-PCT	Japan	GLUTARALDEHYDE BASED BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC	05/21/2010	2012-513143	2012-528162	05/29/2015	5753162
68487-PL-EPT	Poland	BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC	05/21/2010	10722244.0	2434877	04/16/2014	2434877
68487-PL-ETD	Poland	GLUTARALDEHYDE BASED BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC	10/18/2013	13189411.5	2700313	12/23/2015	2700313
68487-RU-PCT	Russian Federation	BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC	05/21/2010	2011152974	2011152974	11/27/2014	2534574
68487-US-DIV	United States Of America	GLUTARALDEHYDE BASED BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC	10/03/2014	14/506115	2015-0025078	10/04/2016	9456607
68487-US-DIV[2]	United States Of America	BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC	10/03/2014	14/506153	2015-0025079	02/21/2017	9572344
68487-US-NP	United States Of America	GLUTARALDEHYDE BASED BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC	05/21/2010	12/785075	2010-0305132	11/18/2014	8889679
68488-AR-NP	Argentina	BROMINATED NITROALKANOL COMPOSITIONS AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES INC	06/10/2010	P100102057	077059		

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT NUMBER
68488-AU-PCT	Australia	BROMINATED NITROALKANOL COMPOSITIONS AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	06/09/2010	2010258901		2010258901
68488-BR-PCT	Brazil	BROMINATED NITROALKANOL COMPOSITIONS AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	06/09/2010	PI1009008.8		
68488-CN-PCT	China	BROMINATED NITROALKANOL COMPOSITIONS AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	06/09/2010	201080025372.X	102802411	201080025372.X
68488-DE-EPT	Germany	BROMINATED NITROALKANOL COMPOSITIONS AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	06/09/2010	10724965.8	2440047	602010006966.4
68488-FR-EPT	France	BROMINATED NITROALKANOL COMPOSITIONS AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	06/09/2010	10724965.8	2440047	2440047
68488-GB-EPT	United Kingdom	BROMINATED NITROALKANOL COMPOSITIONS AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	06/09/2010	10724965.8	2440047	2440047
68488-JP-PCT	Japan	BROMINATED NITROALKANOL COMPOSITIONS AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	06/09/2010	2012-515084	2012-529524	5756098
68488-PL-EPT	Poland	BROMINATED NITROALKANOL COMPOSITIONS AND THEIR USE AS BIOCIDES	TECHNOLOGIES LLC	06/09/2010	10724965.8	2440047	2440047
68488-RU-PCT	Russian Federation	BROMINATED NITROALKANOL COMPOSITIONS AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	06/09/2010	2011153688	2011153688	2533924
68488-US-NP	United States Of America	BROMINATED NITROALKANOL COMPOSITIONS AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	06/09/2010	12/796694	2010-0317744	8993638
68658-BR-PCT	Brazil	DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	09/27/2010	112012004931.3		
68658-CN-PCT	China	DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	09/27/2010	201080042701.1	102548402	201080042701.1
68658-DE-EPT	Germany	DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	09/27/2010	10760880.4	2482650	602010028811.0
68658-FR-EPT	France	DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	09/27/2010	10760880.4	2482650	2482650
68658-GB-EPT	United Kingdom	DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	09/27/2010	10760880.4	2482650	2482650

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68658-IN-PCT	India	COMPOSITIONS OF DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	09/27/2010	2757/CHE/NP/2012	2757/CHE/NP/2012	07/25/2018 299228
68658-JP-PCT	Japan	COMPOSITIONS OF DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	09/27/2010	2012-531092	2013-505956	03/11/2016 5898080
68658-MX-PCT	Mexico	COMPOSITIONS OF DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	09/27/2010	MX/a/12/003732	MX/a/12/003732	01/30/2015 327449
68658-US-PCT	United States Of America	COMPOSITIONS OF DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	09/27/2010	13/388070	2012-0178817	02/24/2015 8962690
68659-BR-PCT	Brazil	COMPOSITIONS OF DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	09/27/2010	112012004932.1		
68659-CN-PCD	China	COMPOSITIONS OF DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	05/26/2015	2015102755566	104886051	08/29/2017 2015102755566
68659-CN-PCD[2]	China	COMPOSITIONS OF DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	08/22/2016	201610701869.8		
68659-CN-PCD[3]	China	COMPOSITIONS OF DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	08/22/2016	201610700992.8	106386506	
68659-CN-PCD[4]	China	COMPOSITIONS OF DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	08/22/2016	201610702262.1		
68659-CN-PCD[5]	China	COMPOSITIONS OF DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	08/22/2016	201610701867.9		
68659-CN-PCT	China	COMPOSITIONS OF DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	09/27/2010	201080042793.3	102548403	06/24/2015 201080042793.3
68659-DE-EPT	Germany	COMPOSITIONS OF DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	09/27/2010	10760881.2	2482651	10/28/2015 602010028627.4
68659-FR-EPT	France	COMPOSITIONS OF DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	09/27/2010	10760881.2	2482651	10/28/2015 2482651
68659-GB-EPT	United Kingdom	COMPOSITIONS OF DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	09/27/2010	10760881.2	2482651	10/28/2015 2482651
68659-IN-PCT	India	COMPOSITIONS OF DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	09/27/2010	2740/CHE/NP/2012	2740/CHE/NP/2012	08/24/2018 300268

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PATENT NUMBER	COUNTRY	TITLE	OWNER	PENDING DATE	APP. NUMBER	PRI. NUMBER	GRANT NUMBER
68659-JP-PCT	Japan	COMPOSITIONS OF DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	09/27/2010	2012-531093	2013-505957	05/15/2015 5744881
68659-MX-PCD	Mexico	COMPOSITIONS OF DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	08/07/2014	MX/a/14/009547		01/25/2017 345326
68659-MX-PCD[2]	Mexico	COMPOSITIONS OF DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	10/05/2016	MX/a/2016/013088		
68659-MX-PCD[3]	Mexico	COMPOSITIONS OF DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	10/05/2016	MX/a/2016/013089		
68659-MX-PCD[4]	Mexico	COMPOSITIONS OF DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	10/05/2016	MX/a/2016/013090		
68659-MX-PCD[5]	Mexico	COMPOSITIONS OF DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	10/05/2016	MX/a/2016/013091		
68659-MX-PCT	Mexico	COMPOSITIONS OF DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	09/27/2010	MX/a/12/003733	MX/a/2012/003733	12/08/2014 326058
68659-US-PCD	United States Of America	COMPOSITIONS OF DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	11/15/2013	14/081520	2014-013534	06/17/2014 8754083
68659-US-PCD[2]	United States Of America	COMPOSITIONS OF DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	11/15/2013	14/081541	2014-0142148	12/02/2014 8900613
68659-US-PCD[3]	United States Of America	COMPOSITIONS OF DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	11/15/2013	14/081556	2014-0073646	06/10/2014 8748427
68659-US-PCD[4]	United States Of America	COMPOSITIONS OF DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	11/15/2013	14/081572	2014-0073644	06/10/2014 8747873
68659-US-PCT	United States Of America	COMPOSITIONS OF DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	09/27/2010	13/388312	2012-0129861	01/07/2014 8623391
68660-BR-PCT	Brazil	COMPOSITIONS OF DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	09/27/2010	112012004921.6		
68660-CN-PCT	China	COMPOSITIONS OF DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	09/27/2010	201080041151.1	102573494	10/26/2016 201080041151.1
68660-DE-EPT	Germany	COMPOSITIONS OF DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	09/27/2010	10760879.6	2482663	02/10/2016 602010030570.8

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
68660-FR-EPT	France	COMPOSITIONS OF DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	09/27/2010	10760879.6	2482663	02/10/2016	2482663
68660-GB-EPT	United Kingdom	COMPOSITIONS OF DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	09/27/2010	10760879.6	2482663	02/10/2016	2482663
68660-IN-PCT	India	DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	09/27/2010	2745/CHE/NP/2012	2745/CHE/NP/2012	06/29/2018	298264
68660-JP-PCT	Japan	COMPOSITIONS OF DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	09/27/2010	2012-531090	2013-505954	05/22/2015	5749722
68660-MX-PCT	Mexico	DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	09/27/2010	MX/a/12/003739	MX/a/12/003739	12/17/2014	326419
68660-US-PCT	United States Of America	COMPOSITIONS OF DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	09/27/2010	13/389466	2012-0184588	06/17/2014	8754130
68661-CN-PCD12	China	DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	07/04/2017	201710538261.2	107251902		
68661-CN-PCT	China	COMPOSITIONS OF DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	09/30/2010	201080069381.9	103200818	07/22/2015	201080069381.9
68661-DE-EPT	Germany	DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	09/30/2010	10762832.3	2621271	08/27/2014	602010018574.5
68661-FR-EPT	France	COMPOSITIONS OF DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	09/30/2010	10762832.3	2621271	08/27/2014	2621271
68661-GB-EPT	United Kingdom	DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	09/30/2010	10762832.3	2621271	08/27/2014	2621271
68661-IN-PCT	India	COMPOSITIONS OF DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	09/30/2010	2254/DEL/NP/2013	2254/DEL/NP/2013		
68661-JP-PCT	Japan	DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	09/30/2010	2013-531547	2013-538850	02/27/2015	5703381
68661-MX-PCT	Mexico	COMPOSITIONS OF DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	09/30/2010	MX/a/13/003156		10/19/2016	342968
68661-TR-EPT	Turkey	DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	09/30/2010	10762832.3	2621271	08/27/2014	2621271

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PUB. NUMBER	GRANT DATE	GRANT NUMBER
68661-US-PCD	United States Of America	COMPOSITIONS OF DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	02/09/2016	15/018886	2016-0165884	09/13/2016	9439419
68661-US-PCD[2]	United States Of America	COMPOSITIONS OF DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	02/09/2016	15/018888	2016-0165893	09/13/2016	9439420
68661-US-PCD[3]	United States Of America	COMPOSITIONS OF DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	02/09/2016	15/018889	2016-0150780	09/06/2016	9433210
68661-US-PCT	United States Of America	DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	09/30/2010	13/876534	2013-0184341	03/22/2016	9288983
69107-AR-NP	Argentina	COMPOSITION OF 1,2-BENZISOTHAZOLIN-3-ONE AND TRIS(HYDROXYMETHYL) NITROMETHANE	DOW GLOBAL TECHNOLOGIES LLC	11/08/2011	PI10104164	AR083796	06/21/2017	AR083796
69107-AU-NP	Australia	COMPOSITION OF 1,2-BENZISOTHAZOLIN-3-ONE AND TRIS(HYDROXYMETHYL) NITROMETHANE	DOW GLOBAL TECHNOLOGIES LLC	10/13/2011	20111236013		01/09/2014	20111236013
69107-BR-NP	Brazil	SYNERGISTIC ANTIMICROBIAL COMPOSITION OF 1,2-BENZISOTHAZOLIN-3-ONE AND TRIS(HYDROXYMETHYL) NITROMETHANE	DOW GLOBAL TECHNOLOGIES LLC	11/03/2011	PI105311.9	PI105311.9	06/05/2018	PI105311-9
69107-CN-NP	China	COMPOSITION OF 1,2-BENZISOTHAZOLIN-3-ONE AND TRIS(HYDROXYMETHYL) NITROMETHANE	DOW GLOBAL TECHNOLOGIES LLC	11/17/2011	201110386399.8	102524268	06/11/2014	201110386399.8
69107-IN-NP	India	SYNERGISTIC ANTIMICROBIAL COMPOSITION OF 1,2-BENZISOTHAZOLIN-3-ONE AND TRIS(HYDROXYMETHYL) NITROMETHANE	DOW GLOBAL TECHNOLOGIES LLC	10/20/2011	3003/DEL/2011	3003/DEL/2011	02/07/2017	280035
69107-JP-NP	Japan	SYNERGISTIC ANTIMICROBIAL COMPOSITION OF 1,2-BENZISOTHAZOLIN-3-ONE AND TRIS(HYDROXYMETHYL) NITROMETHANE	DOW GLOBAL TECHNOLOGIES LLC	10/07/2011	2011-222431	2012-106990	04/11/2014	5520272
69107-RU-NP	Russian Federation	COMPOSITION OF 1,2-BENZISOTHAZOLIN-3-ONE AND TRIS(HYDROXYMETHYL) NITROMETHANE	DOW GLOBAL TECHNOLOGIES LLC	11/17/2011	2011 146631		12/10/2016	2604150

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PATENT NUMBER	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
69107-US-DIV	United States Of America SYNERGISTIC ANTIMICROBIAL COMPOSITION OF 1,2-BENZISOTHAZOLIN-3-ONE AND TRIS(HYDROXYMETHYL)NITRO METHANE	United States Of America	12/12/2013	14/104467	2014-0100253	05/13/2014	8722713
69107-US-NP	United States Of America SYNERGISTIC ANTIMICROBIAL COMPOSITION OF 1,2-BENZISOTHAZOLIN-3-ONE AND TRI(HYDROXYMETHYL) NITROMETHANE AND ITS USE	United States Of America	11/08/2011	13/291524	2012-0129899	03/25/2014	8680128
69493-AR-NP	Argentina DISINFECTANT FORMULATIONS SUITABLE FOR USE AT LOW TEMPERATURE	Argentina	11/29/2010	100104397	079434		
69493-AU-NP	Australia DISINFECTANT FORMULATIONS SUITABLE FOR USE AT LOW TEMPERATURE	Australia	12/03/2010	2010249177		01/07/2016	2010249177
69493-BR-NP	Brazil DISINFECTANT FORMULATIONS SUITABLE FOR USE AT LOW TEMPERATURE	Brazil	12/15/2010	PI1005561.4	PI1005561.4	08/22/2017	PI1005561.4
69493-CA-NP	Canada DISINFECTANT FORMULATIONS SUITABLE FOR USE AT LOW TEMPERATURE	Canada	11/15/2010	2721290		01/06/2015	2721290
69493-CN-NP	China DISINFECTANT FORMULATIONS SUITABLE FOR USE AT LOW TEMPERATURE	China	12/17/2010	201010616449.2	102100226	11/12/2014	201010616449.2
69493-DE-EPA[2]	Germany DISINFECTANT FORMULATIONS SUITABLE FOR USE AT LOW TEMPERATURE	Germany	11/22/2010	10192064.3	2338329	07/20/2016	602010034805.9
69493-FR-EPA[2]	France DISINFECTANT FORMULATIONS SUITABLE FOR USE AT LOW TEMPERATURE	France	11/22/2010	10192064.3	2338329	07/20/2016	2338329
69493-GB-EPA[2]	United Kingdom DISINFECTANT FORMULATIONS SUITABLE FOR USE AT LOW TEMPERATURE	United Kingdom	11/22/2010	10192064.3	2338329	07/20/2016	2338329
69493-JP-NP	Japan DISINFECTANT FORMULATIONS SUITABLE FOR USE AT LOW TEMPERATURE	Japan	11/08/2010	2010-249585	2011-126866	12/13/2013	5431291

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PATENT NUMBER	COUNTRY	TITLE	OWNER	PENDING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
69493-RU-NP	Russian Federation	DISINFECTANT FORMULATIONS SUITABLE FOR USE AT LOW TEMPERATURE	DOW GLOBAL TECHNOLOGIES INC	12/16/2010	2010 151 599		06/10/2015	2552077
69493-US-NP	United States Of America	DISINFECTANT FORMULATIONS SUITABLE FOR USE AT LOW TEMPERATURE	DOW GLOBAL TECHNOLOGIES INC	12/14/2010	12/96/663	2011-0152378		
69494-AR-NP	Argentina	DISINFECTANT FORMULATIONS THAT REMAIN LIQUID AT LOW TEMPERATURE	DOW GLOBAL TECHNOLOGIES LLC	11/29/2010	100104398	080569		
69494-AU-NP	Australia	DISINFECTANT FORMULATIONS THAT REMAIN LIQUID AT LOW TEMPERATURE	DOW GLOBAL TECHNOLOGIES LLC	12/03/2010	2010249180		09/01/2016	2010249180
69494-CA-NP	Canada	DISINFECTANT FORMULATIONS THAT REMAIN LIQUID AT LOW TEMPERATURE	DOW GLOBAL TECHNOLOGIES INC	11/15/2010	2721284		06/10/2014	2721284
69494-CN-NP	China	DISINFECTANT FORMULATIONS THAT REMAIN LIQUID AT LOW TEMPERATURE	DOW GLOBAL TECHNOLOGIES INC	12/17/2010	201010616532.X	102100227A		
69494-JP-NP	Japan	DISINFECTANT FORMULATIONS THAT REMAIN LIQUID AT LOW TEMPERATURE	DOW GLOBAL TECHNOLOGIES LLC	11/08/2010	2010-249591	2011-126867	12/13/2013	5431292
69700-BR-NP	Brazil	MICROBIAL COATINGS	TECHNOLOGIES LLC	07/12/2011	PII103268.5	PII103268.5		
69700-DE-EPA	Germany	MICROBIAL COATINGS	TECHNOLOGIES LLC	07/06/2011	11172851.5	2407028	12/14/2016	602011033320.8
69700-FR-EPA	France	MICROBIAL COATINGS	TECHNOLOGIES LLC	07/06/2011	11172851.5	2407028	12/14/2016	2407028
69700-IN-NP	India	MICROBIAL COATINGS	TECHNOLOGIES LLC	07/11/2011	1934/DHE/2011		09/28/2016	276005
69700-IT-EPA	Italy	MICROBIAL COATINGS	TECHNOLOGIES LLC	07/06/2011	11172851.5	2407028	12/14/2016	502017000024421
69700-JP-NP	Japan	MICROBIAL COATINGS	TECHNOLOGIES LLC	07/06/2011	2011-149772	2012-021154	02/06/2015	5690235
69700-TR-EPA	Turkey	MICROBIAL COATINGS	TECHNOLOGIES LLC	07/06/2011	11172851.5	2407028	12/14/2016	2407028
69700-US-NP	United States Of America	MICROBIAL COATINGS	TECHNOLOGIES LLC	07/11/2011	13/179639	2012-0016055	11/13/2012	8309626
69861-BR-PCD	Brazil	SYNERGISTIC ANTIMICROBIAL COMPOSITION	TECHNOLOGIES LLC	01/30/2017	122017001862-0		06/20/2017	122017001862-0

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PATENT NO.	COUNTRY	TITLE	OWNER	ISSUANCE DATE	APP. NO.	PR. NO.	GRANT DATE	GRANT NO.
69861-BR-PCT[2]	Brazil	SYNERGISTIC ANTIMICROBIAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	01/30/2017	122017001863-9		06/27/2017	122017001863-9
69861-BR-PCT[3]	Brazil	SYNERGISTIC ANTIMICROBIAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	01/30/2017	122017001866-3		06/20/2017	122017001866-3
69861-BR-PCT[4]	Brazil	SYNERGISTIC ANTIMICROBIAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	01/30/2017	122017001870-1		06/20/2017	122017001870-1
69861-BR-PCT	Brazil	SYNERGISTIC ANTIMICROBIAL COMPOSITION	TECHNOLOGIES LLC	07/28/2010	112012002609-7	112012002609-7	05/16/2017	112012002609-7
69861-CN-PCT	China	SYNERGISTIC ANTIMICROBIAL COMPOSITION	TECHNOLOGIES LLC	07/28/2010	201080035146.X	102548415	07/09/2014	201080035146.X
69861-DE-EPT	Germany	SYNERGISTIC ANTIMICROBIAL COMPOSITION	TECHNOLOGIES LLC	07/28/2010	10742633.0	2461692	07/10/2013	602010008480.9
69861-GB-EPT	United Kingdom	SYNERGISTIC ANTIMICROBIAL COMPOSITION	TECHNOLOGIES LLC	07/28/2010	10742633.0	2461692	07/10/2013	2461692
69861-IN-PCT	India	SYNERGISTIC ANTIMICROBIAL COMPOSITION	TECHNOLOGIES LLC	07/28/2010	374/DEL.NP/2012	374/DEL.NP/2012	03/27/2017	281807
69861-MX-PCT	Mexico	SYNERGISTIC ANTIMICROBIAL COMPOSITION	TECHNOLOGIES LLC	07/28/2010	MX/d/12/001496		06/12/2014	320992
69861-US-PCT	United States Of America	SYNERGISTIC ANTIMICROBIAL COMPOSITION	TECHNOLOGIES LLC	07/28/2010	13/389088	2012-0135974	11/26/2013	8592405
70056-BR-NP	Brazil	COMPOSITIONS CONTAINING 1,2-BENZISOTHAZOLIN-3-ONE	DOW GLOBAL TECHNOLOGIES LLC	08/08/2011	PI103859.4	PI103859.4		
70056-CN-NP	China	COMPOSITIONS CONTAINING 1,2-BENZISOTHAZOLIN-3-ONE	TECHNOLOGIES LLC	08/08/2011	201110260973.5	102379294	07/13/2016	201110260973.5
70056-IN-NP	India	COMPOSITIONS CONTAINING 1,2-BENZISOTHAZOLIN-3-ONE	TECHNOLOGIES LLC	07/28/2011	2148/DEL/2011		08/29/2017	286769
70056-JP-NP	Japan	COMPOSITIONS CONTAINING 1,2-BENZISOTHAZOLIN-3-ONE	TECHNOLOGIES LLC	07/21/2011	2011-159548	2012-036184	05/30/2014	5550611
70056-KR-NP	SOUTH KOREA	COMPOSITIONS CONTAINING 1,2-BENZISOTHAZOLIN-3-ONE	TECHNOLOGIES LLC	08/08/2011	10-2011-0078602		09/11/2013	10-1309595
70056-MX-NP	Mexico	COMPOSITIONS CONTAINING 1,2-BENZISOTHAZOLIN-3-ONE	TECHNOLOGIES LLC	08/05/2011	MX/d/2011/008324		06/19/2013	310657
70056-RU-NP	Russian Federation	COMPOSITIONS CONTAINING 1,2-BENZISOTHAZOLIN-3-ONE	TECHNOLOGIES LLC	08/05/2011	2011132937		11/10/2013	2497360
70056-US-NP	United States Of America	COMPOSITIONS CONTAINING 1,2-BENZISOTHAZOLIN-3-ONE	DOW GLOBAL TECHNOLOGIES LLC	07/21/2011	13/187599	2012-0035229	05/10/2016	9332758
70086-AR-NP	Argentina	BIOCIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	08/12/2011	PI10102932	082779		
70086-AU-PCT	Australia	BIOCIDAL COMPOSITION	TECHNOLOGIES LLC	08/13/2010	2010358970		03/12/2015	2010358970
70086-BR-PCT	Brazil	BIOCIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	08/13/2010	112013001743.0	112013001743.0	12/05/2017	112013001743.0
70086-CA-PCT	Canada	BIOCIDAL COMPOSITION	TECHNOLOGIES LLC	08/13/2010	280624			
70086-CN-PCT	China	BIOCIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	08/13/2010	20108006520.6	103068246	04/15/2015	20108006520.6

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PATENT NUMBER	CLASS	INVENTOR	OWNER	PENDING DATE	APP. NUMBER	PRI. NUMBER	GRANT NUMBER
70086-DE-EPT	Germany	BIOCIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	08/13/2010	10855781.0	2582246	03/16/2016
70086-FR-EPT	France	BIOCIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	08/13/2010	10855781.0	2582246	03/16/2016
70086-GB-EPT	United Kingdom	BIOCIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	08/13/2010	10855781.0	2582246	03/16/2016
70086-GC-NP	Gulf Cooperation Council	BIOCIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	08/10/2011	2011/19027	GC0003925	
70086-ID-PCT	Indonesia	BIOCIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	08/13/2010	W00201300515	2013/03187	
70086-IN-PCT	India	BIOCIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	08/13/2010	1320/DEL NP/2013		
70086-JP-PCT	Japan	BIOCIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	08/13/2010	2013-523454	2013-535490	11/21/2014
70086-MX-PCT	Mexico	BIOCIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	08/13/2010	MX/02/2013/001274		06/15/2016
70086-PL-EPT	Poland	BIOCIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	08/13/2010	10855781.0	2582246	03/16/2016
70086-RU-PCT	Russian Federation	BIOCIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	08/13/2010	2013110782		12/10/2014
70086-US-PCT	United States Of America	BIOCIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	08/13/2010	13/816697	2015-0018317	11/07/2017
70087-BR-PCT	Brazil	DIBROMOMALANAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	08/03/2011	112013001746.5		02/06/2018
70087-CN-PCT	China	DIBROMOMALANAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	08/03/2011	201180038883.X		05/20/2015
70087-DE-EPT	Germany	DIBROMOMALANAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	08/03/2011	11746373.7	2582238	06/04/2014
70087-ES-EPT	Spain	DIBROMOMALANAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	08/03/2011	11746373.7	2582238	06/04/2014
70087-FR-EPT	France	DIBROMOMALANAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	08/03/2011	11746373.7	2582238	06/04/2014
70087-GB-EPT	United Kingdom	DIBROMOMALANAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	08/03/2011	11746373.7	2582238	06/04/2014
70087-IN-PCT	India	DIBROMOMALANAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	08/03/2011	1220/DEL NP/2013	1220/DEL NP/2013	
70087-IT-EPT	Italy	DIBROMOMALANAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	08/03/2011	11746373.7	2582238	06/04/2014

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
70087-JP-PCT	Japan	COMPOSITIONS OF DIBROMOMALANONIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	08/03/2011	2013-524105	2013-533311	05/01/2015	5739533
70087-MX-PCT	Mexico	COMPOSITIONS OF DIBROMOMALANONIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	08/03/2011	MX/a/13/001526			
70087-TR-EPT	Turkey	COMPOSITIONS OF DIBROMOMALANONIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	08/03/2011	11746373.7	2582238	06/04/2014	2582238
70087-US-PCT	United States Of America	COMPOSITIONS OF DIBROMOMALANONIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	08/03/2011	13/814525	2013-0142886	06/23/2015	9060511
70468-AR-NP	Argentina	PROTECTED ANTIMICROBIAL COMPOUNDS FOR HIGH TEMPERATURE APPLICATIONS	DOW GLOBAL TECHNOLOGIES LLC	03/09/2012	20120100790	088724		
70468-AU-PCT	Australia	PROTECTED ANTIMICROBIAL COMPOUNDS FOR HIGH TEMPERATURE APPLICATIONS	DOW GLOBAL TECHNOLOGIES LLC	12/02/2011	2011341495		02/25/2016	2011341495
70468-BR-PCT	Brazil	PROTECTED ANTIMICROBIAL COMPOUNDS FOR HIGH TEMPERATURE APPLICATIONS	DOW GLOBAL TECHNOLOGIES LLC	12/02/2011	112013014873.0			
70468-CA-PCT	Canada	PROTECTED ANTIMICROBIAL COMPOUNDS FOR HIGH TEMPERATURE APPLICATIONS	DOW GLOBAL TECHNOLOGIES LLC	12/02/2011	2819655			
70468-CN-PCT	China	PROTECTED ANTIMICROBIAL COMPOUNDS FOR HIGH TEMPERATURE APPLICATIONS	DOW GLOBAL TECHNOLOGIES LLC	12/02/2011	201180059739.4	103260409	01/20/2016	201180059739.4
70468-DE-EPT	Germany	PROTECTED ANTIMICROBIAL COMPOUNDS FOR HIGH TEMPERATURE APPLICATIONS	DOW GLOBAL TECHNOLOGIES LLC	12/02/2011	11793995.9	2629613	06/29/2016	602011027798.7
70468-FR-EPT	France	PROTECTED ANTIMICROBIAL COMPOUNDS FOR HIGH TEMPERATURE APPLICATIONS	DOW GLOBAL TECHNOLOGIES LLC	12/02/2011	11793995.9	2629613	06/29/2016	2629613
70468-GB-EPT	United Kingdom	PROTECTED ANTIMICROBIAL COMPOUNDS FOR HIGH TEMPERATURE APPLICATIONS	DOW GLOBAL TECHNOLOGIES LLC	12/02/2011	11793995.9	2629613	06/29/2016	2629613

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PATENT NUMBER	COUNTRY	TITLE	OWNER	PENDING DATE	APP. NUMBER	PRI. NUMBER	GRANT NUMBER
70468-GC-NP	Gulf Cooperation Council	PROTECTED ANTIMICROBIAL COMPOUNDS FOR HIGH TEMPERATURE APPLICATIONS	DOW GLOBAL TECHNOLOGIES LLC	03/19/2012	2012/20787		GC0007390
70468-ID-PCT	Indonesia	PROTECTED ANTIMICROBIAL COMPOUNDS FOR HIGH TEMPERATURE APPLICATIONS	DOW GLOBAL TECHNOLOGIES LLC	12/02/2011	W00201302627	2014/02627	05/19/2017
70468-IN-PCT	India	PROTECTED ANTIMICROBIAL COMPOUNDS FOR HIGH TEMPERATURE APPLICATIONS	DOW GLOBAL TECHNOLOGIES LLC	12/02/2011	4755/DEL.NP/2013	4755/DEL.NP/2013	
70468-JP-PCT	Japan	PROTECTED ANTIMICROBIAL COMPOUNDS FOR HIGH TEMPERATURE APPLICATIONS	DOW GLOBAL TECHNOLOGIES LLC	12/02/2011	2013-544536		02/19/2016
70468-RU-PCT	Russian Federation	PROTECTED ANTIMICROBIAL COMPOUNDS FOR HIGH TEMPERATURE APPLICATIONS	DOW GLOBAL TECHNOLOGIES LLC	12/02/2011	2013132831		01/27/2016
70468-US-PCT	United States Of America	PROTECTED ANTIMICROBIAL COMPOUNDS FOR HIGH TEMPERATURE APPLICATIONS	DOW GLOBAL TECHNOLOGIES LLC	12/02/2011	13/993523	2013-0261148	06/03/2014
70502-BR-NP	Brazil	SYNERGISTIC COMBINATION OF FLUMETISULAM WITH THIABENDAZOLE	DOW GLOBAL TECHNOLOGIES LLC	11/03/2011	PI1105308.9	PI1105308.9	01/02/2018
70502-DE-EPA	Germany	SYNERGISTIC COMBINATION OF FLUMETISULAM WITH THIABENDAZOLE	DOW GLOBAL TECHNOLOGIES LLC	10/06/2011	11184071.6	2471365	10/02/2013
70502-GB-EPA	United Kingdom	SYNERGISTIC COMBINATION OF FLUMETISULAM WITH THIABENDAZOLE	DOW GLOBAL TECHNOLOGIES LLC	10/06/2011	11184071.6	2471365	10/02/2013
70502-IN-NP	India	SYNERGISTIC COMBINATION OF FLUMETISULAM WITH THIABENDAZOLE	DOW GLOBAL TECHNOLOGIES LLC	10/18/2011	2977/DEL/2011	2977/DEL/2011	06/13/2017
70502-MX-NP	Mexico	SYNERGISTIC COMBINATION OF FLUMETISULAM WITH THIABENDAZOLE	DOW GLOBAL TECHNOLOGIES LLC	10/27/2011	MX/6/11/011405		10/09/2013
70502-US-NP	United States Of America	SYNERGISTIC COMBINATION OF FLUMETISULAM WITH THIABENDAZOLE	DOW GLOBAL TECHNOLOGIES LLC	11/04/2011	13/289281	2012-0115725	12/17/2013
70503-BR-NP	Brazil	FLUMETISULAM OR DICTIOSULAM WITH ZINC PYRITHIONE	DOW GLOBAL TECHNOLOGIES LLC	11/03/2011	PI1105285-6	PI1105285-6	01/02/2018

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APP. NUMBER	CO. NUMBER	FILED DATE	APP. NUMBER	PRI. NUMBER	GRANT NUMBER
SYNERGISTIC COMBINATION OF FLUMETSULAM OR DICLOSULAM WITH ZINC PYRITHIONE					
70503-DE-EPA	Germany	10/06/2011	11184069.0	2481285	602011016558.5
SYNERGISTIC COMBINATION OF FLUMETSULAM OR DICLOSULAM WITH ZINC PYRITHIONE					
70503-GB-EPA	United Kingdom	10/06/2011	11184069.0	2481285	2481285
SYNERGISTIC COMBINATION OF FLUMETSULAM OR DICLOSULAM WITH ZINC PYRITHIONE					
70503-IN-NP	India	10/18/2011	2975/DEL/2011	2975/DEL/2011	289510
SYNERGISTIC COMBINATION OF FLUMETSULAM OR DICLOSULAM WITH ZINC PYRITHIONE					
70503-MX-NP	Mexico	10/27/2011	MX/a/11/011406		314511
SYNERGISTIC COMBINATION OF FLUMETSULAM OR DICLOSULAM WITH ZINC PYRITHIONE					
70503-US-NP	United States Of America	11/04/2011	13/289286	2012-0115834	8501725
SYNERGISTIC COMBINATION OF FLUMETSULAM OR DICLOSULAM WITH DIODOMETHYL-P- TOL.YLSULFONE					
70504-BR-NP	Brazil	11/03/2011	PH107018.8	PH107018.8	PH107018.8
SYNERGISTIC COMBINATION OF FLUMETSULAM OR DICLOSULAM WITH DIODOMETHYL-P- TOL.YLSULFONE					
70504-CN-NP	China	11/03/2011	201110364517.5	102461523	201110364517.5
SYNERGISTIC COMBINATION OF FLUMETSULAM OR DICLOSULAM WITH DIODOMETHYL-P- TOL.YLSULFONE					
70504-DE-EPA	Germany	10/06/2011	11184068.2	2481286	602011003251.8
SYNERGISTIC COMBINATION OF FLUMETSULAM OR DICLOSULAM WITH DIODOMETHYL-P- TOL.YLSULFONE					
70504-GB-EPA	United Kingdom	10/06/2011	11184068.2	2481286	2481286
SYNERGISTIC COMBINATION OF FLUMETSULAM OR DICLOSULAM WITH DIODOMETHYL-P- TOL.YLSULFONE					
70504-IN-NP	India	10/18/2011	2974/DEL/2011		288332

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PATENT NUMBER	CO-PATENT	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
70504-MX-NP	Mexico	SYNERGISTIC COMBINATIO OF FLUMETSULAM OR DISCLOSULAM WITH DIODOMETHYL-P- TOL.YLSULFONE	DOW GLOBAL TECHNOLOGIES LLC	10/27/2011	MX/a/11/011407		10/10/2013	314090
70504-US-NP	United States Of America	SYNERGISTIC COMBINATION OF FLUMETSULAM OR DISCLOSULAM WITH DIODOMETHYL-P- TOL.YLSULFONE	DOW GLOBAL TECHNOLOGIES LLC	11/04/2011	13/289289	2012-0115888	05/13/2014	8722689
70525-BR-NP	Brazil	FLUMETSULAM OR DISCLOSULAM WITH ISOTHLAZOLONES	DOW GLOBAL TECHNOLOGIES LLC	11/03/2011	PII105310.0	PII105310.0	01/02/2018	PII105310.0
70525-DE-EPA	Germany	SYNERGISTIC COMBINATION OF FLUMETSULAM OR DISCLOSULAM WITH ISOTHLAZOLONES	DOW GLOBAL TECHNOLOGIES LLC	10/06/2011	11184073.2	2471366	12/18/2013	602011004231.9
70525-GB-EPA	United Kingdom	SYNERGISTIC COMBINATION OF FLUMETSULAM OR DISCLOSULAM WITH ISOTHLAZOLONES	DOW GLOBAL TECHNOLOGIES LLC	10/06/2011	11184073.2	2471366	12/18/2013	2471366
70525-IN-NP	India	SYNERGISTIC COMBINATION OF FLUMETSULAM OR DISCLOSULAM WITH ISOTHLAZOLONES	DOW GLOBAL TECHNOLOGIES LLC	10/18/2011	2976/DEL/2011		10/24/2017	288639
70525-MX-NP	Mexico	ISOTHLAZOLONES SYNERGISTIC COMBINATION OF FLUMETSULAM OR DISCLOSULAM WITH ISOTHLAZOLONES	DOW GLOBAL TECHNOLOGIES LLC	10/27/2011	MX/a/11/011404		10/09/2013	314087
70525-US-NP	United States Of America	SYNERGISTIC COMBINATION OF FLUMETSULAM OR DISCLOSULAM WITH ISOTHLAZOLONES	DOW GLOBAL TECHNOLOGIES LLC	10/31/2011	13/285092	2012-0115887	07/16/2013	8487098
70599-BR-NP	Brazil	A GLYPHOSATE COMPOUND AND IPBC	DOW GLOBAL TECHNOLOGIES LLC	12/20/2011	PII107139-7	PII107139-7	02/14/2018	PII107139-7
70599-CN-NP	China	SYNERGISTIC COMPOSITION OF A GLYPHOSATE COMPOUND AND IPBC	DOW GLOBAL TECHNOLOGIES LLC	12/21/2011	201110452702.X	102578138	04/30/2014	201110452702.X
70599-IN-NP	India	SYNERGISTIC COMPOSITION OF A GLYPHOSATE COMPOUND AND IPBC	DOW GLOBAL TECHNOLOGIES LLC	11/24/2011	3351/DEL/2011	3351/DEL/2011	09/24/2016	275885
70599-MX-NP	Mexico	SYNERGISTIC COMPOSITION OF A GLYPHOSATE COMPOUND AND IPBC	DOW GLOBAL TECHNOLOGIES LLC	12/15/2011	MX/a/2011/013607		03/04/2015	328227

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70599-US-NP	United States Of America	SYNERGISTIC COMPOSITION OF A GLYPHOSATE COMPOUND AND IPBC	DOW GLOBAL TECHNOLOGIES LLC	12/09/2011	13/315323	2012-0165191	8524636
70601-BR-NP	Brazil	SYNERGISTIC COMBINATION OF A GLYPHOSATE COMPOUND AND EITHER DCOIT OR OET	DOW GLOBAL TECHNOLOGIES LLC	12/20/2011	PII107137.0	PII107137.0	PII107137.0
70601-CN-NP	China	SYNERGISTIC COMBINATION OF A GLYPHOSATE COMPOUND AND EITHER DCOIT OR OIT	DOW GLOBAL TECHNOLOGIES LLC	12/21/2011	201110453439.6	102613238	201110453439.6
70601-IN-NP	India	SYNERGISTIC COMBINATION OF A GLYPHOSATE COMPOUND AND EITHER DCOIT OR OET	DOW GLOBAL TECHNOLOGIES LLC	11/24/2011	3353/DEL/2011	3353/DEL/2011	03/31/2017 282285
70601-MX-NP	Mexico	SYNERGISTIC COMBINATION OF A GLYPHOSATE COMPOUND AND EITHER DCOIT OR OIT	DOW GLOBAL TECHNOLOGIES LLC	12/15/2011	MX/a/2011/013621		05/14/2014 320154
70601-US-NP	United States Of America	SYNERGISTIC COMBINATION OF A GLYPHOSATE COMPOUND AND EITHER DCOIT OR OIT	DOW GLOBAL TECHNOLOGIES LLC	12/09/2011	13/315334	2012-0165192	08/13/2013 8507408
70602-BR-NP	Brazil	SYNERGISTIC COMBINATION OF A GLYPHOSATE COMPOUND AND DMITS	DOW GLOBAL TECHNOLOGIES LLC	12/20/2011	PII106970.8	PII106970.8	01/02/2018 PII106970.8
70602-CN-NP	China	SYNERGISTIC COMBINATION OF A GLYPHOSATE COMPOUND AND DMITS	DOW GLOBAL TECHNOLOGIES LLC	12/21/2011	201110452711.9	102578139	06/04/2014 201110452711.9
70602-DE-EPA	Germany	SYNERGISTIC COMBINATION OF A GLYPHOSATE COMPOUND AND DMITS	DOW GLOBAL TECHNOLOGIES LLC	11/21/2011	11189867.2	2486794	03/16/2016 6020111023996.1
70602-GB-EPA	United Kingdom	SYNERGISTIC COMBINATION OF A GLYPHOSATE COMPOUND AND DMITS	DOW GLOBAL TECHNOLOGIES LLC	11/21/2011	11189867.2	2486794	03/16/2016 2486794
70602-IN-NP	India	SYNERGISTIC COMBINATION OF A GLYPHOSATE COMPOUND AND DMITS	DOW GLOBAL TECHNOLOGIES LLC	11/24/2011	3354/DEL/2011	3354/DEL/2011	09/23/2016 275838
70602-MX-NP	Mexico	SYNERGISTIC COMBINATION OF A GLYPHOSATE COMPOUND AND DMITS	DOW GLOBAL TECHNOLOGIES LLC	12/01/2011	MX/a/2011/012870		05/14/2014 320160
70602-US-NP	United States Of America	SYNERGISTIC COMBINATION OF A GLYPHOSATE COMPOUND AND DMITS	DOW GLOBAL TECHNOLOGIES LLC	12/09/2011	13/315353	2012-0165297	08/13/2013 8507409
70603-BR-NP	Brazil	SYNERGISTIC COMBINATION OF A GLYPHOSATE COMPOUND AND TBZ	DOW GLOBAL TECHNOLOGIES LLC	12/20/2011	PII107090.0	PII107090.0	02/14/2018 PII107090.0

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70603-CN-NP	China	SYNERGISTIC COMBINATION OF A GLYPHOSATE COMPOUND AND TBZ	DOW GLOBAL TECHNOLOGIES LLC	12/21/2011	201110453430.5	102613237	07/09/2014	201110453430.5
70603-DE-EPA	Germany	SYNERGISTIC COMBINATION OF A GLYPHOSATE COMPOUND AND TBZ	DOW GLOBAL TECHNOLOGIES LLC	11/22/2011	11190168.2	2468100	03/19/2014	602011005470.8
70603-GB-EPA	United Kingdom	SYNERGISTIC COMBINATION OF A GLYPHOSATE COMPOUND AND TBZ	DOW GLOBAL TECHNOLOGIES LLC	11/22/2011	11190168.2	2468100	03/19/2014	2468100
70603-IN-NP	India	SYNERGISTIC COMBINATION OF A GLYPHOSATE COMPOUND AND TBZ	DOW GLOBAL TECHNOLOGIES LLC	11/24/2011	3352/DEL/2011		09/11/2017	287274
70603-MX-NP	Mexico	SYNERGISTIC COMBINATION OF A GLYPHOSATE COMPOUND AND TBZ	DOW GLOBAL TECHNOLOGIES LLC	12/15/2011	MX/a/2011/013619		10/15/2014	324542
70603-US-NP	United States Of America	SYNERGISTIC COMBINATION OF A GLYPHOSATE COMPOUND AND TBZ	DOW GLOBAL TECHNOLOGIES LLC	12/09/2011	13/315367	2012-0165193	04/08/2014	8691725
70604-BR-NP	Brazil	SYNERGISTIC COMBINATION OF A GLYPHOSATE COMPOUND AND ZPT	DOW GLOBAL TECHNOLOGIES LLC	12/20/2011	PI1107089.7	PI1107089.7	01/02/2018	PI1107089.7
70604-CN-NP	China	SYNERGISTIC COMBINATION OF A GLYPHOSATE COMPOUND AND ZPT	DOW GLOBAL TECHNOLOGIES LLC	12/21/2011	201110453668.6	102524295	10/15/2014	201110453668.6
70604-DE-EPA	Germany	SYNERGISTIC COMBINATION OF A GLYPHOSATE COMPOUND AND ZPT	DOW GLOBAL TECHNOLOGIES LLC	11/23/2011	11190324.1	2468095	06/17/2015	602011017158.5
70604-GB-EPA	United Kingdom	SYNERGISTIC COMBINATION OF A GLYPHOSATE COMPOUND AND ZPT	DOW GLOBAL TECHNOLOGIES LLC	11/23/2011	11190324.1	2468095	06/17/2015	2468095
70604-IN-NP	India	SYNERGISTIC COMBINATION OF A GLYPHOSATE COMPOUND AND ZPT	DOW GLOBAL TECHNOLOGIES LLC	11/24/2011	3355/DEL/2011	3355/DEL/2011	02/09/2017	280107
70604-MX-NP	Mexico	SYNERGISTIC COMBINATION OF A GLYPHOSATE COMPOUND AND ZPT	DOW GLOBAL TECHNOLOGIES LLC	12/15/2011	MX/a/2011/013612		07/16/2014	322055
70604-US-NP	United States Of America	SYNERGISTIC COMBINATION OF A GLYPHOSATE COMPOUND AND ZPT	DOW GLOBAL TECHNOLOGIES LLC	12/09/2011	13/315386	2012-0165194	04/08/2014	8691726
70668-AR-NP	Argentina	PROTECTED MICROBIAL COMPOUNDS FOR HIGH TEMPERATURE APPLICATIONS	DOW GLOBAL TECHNOLOGIES LLC	12/16/2011	2011-0104730	085685		
70668-AU-PCT	Australia	PROTECTED MICROBIAL COMPOUNDS FOR HIGH TEMPERATURE APPLICATIONS	DOW GLOBAL TECHNOLOGIES LLC	11/29/2011	20111341525		03/03/2016	20111341525

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70668-BR-PCT	Brazil	PROTECTED MICROBIAL COMPOUNDS FOR HIGH TEMPERATURE APPLICATIONS	DOW GLOBAL TECHNOLOGIES LLC	11/29/2011	112013014872.1			
70668-CA-PCT	Canada	PROTECTED MICROBIAL COMPOUNDS FOR HIGH TEMPERATURE APPLICATIONS	DOW GLOBAL TECHNOLOGIES LLC	11/29/2011	2819621			
70668-CN-PCT	China	PROTECTED ANTIMICROBIAL COMPOUNDS FOR HIGH TEMPERATURE APPLICATIONS	DOW GLOBAL TECHNOLOGIES LLC	11/29/2011	201180059637.2	103260404	04/01/2015	201180059637.2
70668-DE-EPT	Germany	PROTECTED MICROBIAL COMPOUNDS FOR HIGH TEMPERATURE APPLICATIONS	DOW GLOBAL TECHNOLOGIES LLC	11/29/2011	11793959.5	2629608	07/13/2016	602011028184.4
70668-FR-EPT	France	PROTECTED MICROBIAL COMPOUNDS FOR HIGH TEMPERATURE APPLICATIONS	DOW GLOBAL TECHNOLOGIES LLC	11/29/2011	11793959.5	2629608	07/13/2016	2629608
70668-GB-EPT	United Kingdom	PROTECTED MICROBIAL COMPOUNDS FOR HIGH TEMPERATURE APPLICATIONS	DOW GLOBAL TECHNOLOGIES LLC	11/29/2011	11793959.5	2629608	07/13/2016	2629608
70668-IN-PCT	India	PROTECTED MICROBIAL COMPOUNDS FOR HIGH TEMPERATURE APPLICATIONS	DOW GLOBAL TECHNOLOGIES LLC	11/29/2011	4758/DEL/NP/2013	4758/DEL/NP/2013		
70668-JP-PCT	Japan	PROTECTED MICROBIAL COMPOUNDS FOR HIGH TEMPERATURE APPLICATIONS	DOW GLOBAL TECHNOLOGIES LLC	11/29/2011	2013-544513	2014-504292	02/12/2016	5882356
70668-RU-PCT	Russian Federation	PROTECTED MICROBIAL COMPOUNDS FOR HIGH TEMPERATURE APPLICATIONS	DOW GLOBAL TECHNOLOGIES LLC	11/29/2011	20131132828		12/17/2015	25733322
70668-US-PCT	United States Of America	PROTECTED MICROBIAL COMPOUNDS FOR HIGH TEMPERATURE APPLICATIONS	DOW GLOBAL TECHNOLOGIES LLC	11/29/2011	13/993574	2013-0267604	01/05/2016	9226499
70718-BR-NP	Brazil	STABILIZED MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	12/26/2011	P11107126.5	P11107126.5		
70718-CN-NP	China	STABILIZED MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	12/26/2011	201110463027.0	102599157	01/22/2014	201110463027.0
70718-IN-NP	India	STABILIZED MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	12/08/2011	3566/DEL/2011	3566/DEL/2011	02/02/2018	292490

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70718-JP-NP	Japan	STABILIZED MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	11/22/2011	2011-254496	2012-136510	11/07/2014 5643740
70718-MX-NP	Mexico	STABILIZED MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	12/15/2011	MX/02/2011/013614		03/14/2018 354664
70718-RU-NP	Russian Federation	STABILIZED MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	12/26/2011	2011153015		03/01/2013 2493875
71052-AR-NP	Argentina	BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC	06/12/2012	20120102081	086910	
71052-AU-PCT	Australia	BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC	05/08/2012	2012271161		03/10/2016 2012271161
71052-BR-PCT	Brazil	BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC	05/08/2012	112013030889.3		
71052-CA-PCT	Canada	BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC	05/08/2012	2837949		
71052-CN-PCT	China	BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC	05/08/2012	201280028756.6	103596432	07/22/2015 201280028756.6
71052-DE-EPT	Germany	BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC	05/08/2012	12721145.6	2690958	07/08/2015 602012008616.5
71052-FR-EPT	France	BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC	05/08/2012	12721145.6	2690958	07/08/2015 2690958
71052-GB-EPT	United Kingdom	BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC	05/08/2012	12721145.6	2690958	07/08/2015 2690958
71052-IN-PCT	India	BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC	05/08/2012	9492/Del NP/2013		
71052-JP-PCT	Japan	BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC	05/08/2012	2014-515823	2014-519523	01/13/2017 6073872
71052-PL-EPT	Poland	BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC	05/08/2012	12721145.6	2690958	07/08/2015 2690958
71052-RU-PCT	Russian Federation	BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC	05/08/2012	2014100238		09/10/2016 2597021
71052-US-PCT	United States Of America	BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC	05/08/2012	14/125095	2014-0221318	09/15/2015 9131698
71101-BE-EPT	Belgium	MICROCAPSULES	DOW GLOBAL TECHNOLOGIES LLC	12/20/2012	12813665.2	2779831	06/13/2018 2779831
71101-BR-PCT	Brazil	MICROCAPSULES	DOW GLOBAL TECHNOLOGIES LLC	12/20/2012	112014014286-6		
71101-CL-PCT	Chile	MICROCAPSULES	DOW GLOBAL TECHNOLOGIES LLC	12/20/2012	1600-2014		
71101-CN-PCT	China	MICROCAPSULES	DOW GLOBAL TECHNOLOGIES LLC	12/20/2012	201280061192.6	104010497	05/24/2017 201280061192.6
71101-DE-EPT	Germany	MICROCAPSULES	DOW GLOBAL TECHNOLOGIES LLC	12/20/2012	12813665.2	2779831	06/13/2018 2779831
71101-DK-EPT	Denmark	MICROCAPSULES	DOW GLOBAL TECHNOLOGIES LLC	12/20/2012	12813665.2	2779831	06/13/2018 2779831

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71101-EP-EPT	European Procedure (Patents)	MICROCAPSULES	DOW GLOBAL TECHNOLOGIES LLC	12/20/2012	12813665.2	2779831	06/13/2018	2779831	
71101-ES-EPT	Spain	MICROCAPSULES	DOW GLOBAL TECHNOLOGIES LLC	12/20/2012	12813665.2	2779831	06/13/2018	2779831	
71101-FI-EPT	Finland	MICROCAPSULES	TECHNOLOGIES LLC	12/20/2012	12813665.2	2779831	06/13/2018	2779831	
71101-FR-EPT	France	MICROCAPSULES	DOW GLOBAL TECHNOLOGIES LLC	12/20/2012	12813665.2	2779831	06/13/2018	2779831	
71101-GB-EPT	United Kingdom	MICROCAPSULES	TECHNOLOGIES LLC	12/20/2012	12813665.2	2779831	06/13/2018	2779831	
71101-IT-EPT	Italy	MICROCAPSULES	DOW GLOBAL TECHNOLOGIES LLC	12/20/2012	12813665.2	2779831	06/13/2018	502018000026971	
71101-JP-PCD	Japan	MICROCAPSULES	TECHNOLOGIES LLC	09/06/2017	2017-171330	2018-035159			
71101-JP-PCT	Japan	MICROCAPSULES	DOW GLOBAL TECHNOLOGIES LLC	12/20/2012	2014-550376	2015-503564			
71101-KR-PCT	SOUTH KOREA	MICROCAPSULES	TECHNOLOGIES LLC	12/20/2012	10-2014-7018117	10-2014-0115309			
71101-NL-EPT	Netherlands	MICROCAPSULES	DOW GLOBAL TECHNOLOGIES LLC	12/20/2012	12813665.2	2779831	06/13/2018	2779831	
71101-NO-EPT	Norway	MICROCAPSULES	TECHNOLOGIES LLC	12/20/2012	12813665.2	2779831	06/13/2018	2779831	
71101-PL-EPT	Poland	MICROCAPSULES	DOW GLOBAL TECHNOLOGIES LLC	12/20/2012	12813665.2	2779831	06/13/2018	2779831	
71101-PT-EPT	Portugal	MICROCAPSULES	TECHNOLOGIES LLC	12/20/2012	12813665.2	2779831	06/13/2018	2779831	
71101-SE-EPT	Sweden	MICROCAPSULES	DOW GLOBAL TECHNOLOGIES LLC	12/20/2012	12813665.2	2779831	06/13/2018	2779831	
71101-US-PCT	United States Of America	MICROCAPSULES	DOW GLOBAL TECHNOLOGIES LLC	12/20/2012	14/369026	2015-0011674			
71102-BR-PCT	Brazil	MICROCAPSULES	DOW GLOBAL TECHNOLOGIES LLC	12/27/2012	112014014285-8				
71102-CL-PCT	Chile	MICROCAPSULES	DOW GLOBAL TECHNOLOGIES LLC	12/27/2012	1601-2014				
71102-CN-PCT	China	MICROCAPSULES	TECHNOLOGIES LLC	12/27/2012	201280061194.5	104010498	09/14/2016	201280061194.5	
71102-EP-EPT	European Procedure (Patents)	MICROCAPSULES	DOW GLOBAL TECHNOLOGIES LLC	12/27/2012	12812502.8	2775832			
71102-JP-PCT	Japan	MICROCAPSULES	DOW GLOBAL TECHNOLOGIES LLC	12/27/2012	2014-550448	2015-508399	06/09/2017	6153944	
71102-KR-PCT	SOUTH KOREA	MICROCAPSULES	TECHNOLOGIES LLC	12/27/2012	10-2014-7018125	10-2014-0117376			
71102-US-PCT	United States Of America	MICROCAPSULES	DOW GLOBAL TECHNOLOGIES LLC	12/27/2012	14369033	2014-0348937	03/27/2018	9924720	

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71168-BR-NP	Brazil	AQUEOUS DISPERSIONS	DOW GLOBAL TECHNOLOGIES LLC	06/18/2012	102012014959.1	102012014959.1	102012014959.1
71168-CN-NP	China	AQUEOUS DISPERSIONS	DOW GLOBAL TECHNOLOGIES LLC	06/15/2012	201210199384.5	102623583	201210199384.5
71168-DE-EPA	Germany	AQUEOUS DISPERSIONS	DOW GLOBAL TECHNOLOGIES LLC	05/24/2012	12169194.3	2534948	602012019685.8
71168-ES-EPA	Spain	AQUEOUS DISPERSIONS	DOW GLOBAL TECHNOLOGIES LLC	05/24/2012	12169194.3	2534948	2534948
71168-FR-EPA	France	AQUEOUS DISPERSIONS	DOW GLOBAL TECHNOLOGIES LLC	05/24/2012	12169194.3	2534948	2534948
71168-GB-EPA	United Kingdom Gulf Cooperation Council	AQUEOUS DISPERSIONS	DOW GLOBAL TECHNOLOGIES LLC	05/24/2012	12169194.3	2534948	2534948
71168-GC-NP	India	AQUEOUS DISPERSIONS	DOW GLOBAL TECHNOLOGIES LLC	06/06/2012	1724/DEI/2012	1724/DEI/2012	275485
71168-IN-NP	Italy	AQUEOUS DISPERSIONS	DOW GLOBAL TECHNOLOGIES LLC	05/24/2012	12169194.3	2534948	502016000088238
71168-JP-NP	Japan	AQUEOUS DISPERSIONS	DOW GLOBAL TECHNOLOGIES LLC	05/24/2012	2012-118645	2013-001708	5677368
71168-KR-NP	SOUTH KOREA	AQUEOUS DISPERSIONS	DOW GLOBAL TECHNOLOGIES LLC	06/18/2012	10-2012-0065028		10-1537952
71168-MX-NP	Mexico	AQUEOUS DISPERSIONS	DOW GLOBAL TECHNOLOGIES LLC	06/14/2012	MX/a/2012/006838		341371
71168-PL-EPA	Poland	AQUEOUS DISPERSIONS	DOW GLOBAL TECHNOLOGIES LLC	05/24/2012	12169194.3	2534948	2534948
71168-RU-NP	Russian Federation	AQUEOUS DISPERSIONS	DOW GLOBAL TECHNOLOGIES LLC	06/15/2012	2012124799		2532917
71168-TR-EPA	Turkey	AQUEOUS DISPERSIONS	DOW GLOBAL TECHNOLOGIES LLC	05/24/2012	12169194.3	2534948	2534948
71168-US-DIV	United States Of America	AQUEOUS DISPERSIONS	DOW GLOBAL TECHNOLOGIES LLC	08/21/2017	15/681834	2017-0339957	
71359-AR-NP	Argentina	BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC	10/10/2012	P120103767	088286	AR088286B1
71359-AU-PCT	Australia	BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC	10/09/2012	2012334419		2012334419
71359-BR-PCT	Brazil	BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC	10/09/2012	112014007445-3		
71359-CA-PCT	Canada	BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC	10/09/2012	2850505		
71359-CN-PCT	China	BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC	10/09/2012	201280048133.5	103841830	201280048133.5
71359-DE-EPT	Germany	BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC	10/09/2012	12775415.8	2736339	602012010988.2
71359-FR-EPT	France	BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC	10/09/2012	12775415.8	2736339	2736339

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71359-GB-EPT	United Kingdom Gulf Cooperation Council	BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC DOW GLOBAL	10/09/2012	12775415.8		2736339	09/23/2015	2736339
71359-GC-NP	Indonesia	BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC DOW GLOBAL	10/01/2012	2012/22417			05/08/2017	GC0005544
71359-ID-PCT	India	BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC DOW GLOBAL	10/09/2012	P00201401853		2015/02985		
71359-IN-PCT	Japan	BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC DOW GLOBAL	10/09/2012	2507/DEL.NP/2014		2507/DEL.NP/2014		
71359-JP-PCT	Poland	BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC DOW GLOBAL	10/09/2012	2014-535782		2014-528476	09/08/2017	6204918
71359-PL-EPT	Russian Federation United States Of America	BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC DOW GLOBAL	10/09/2012	12775415.8		2736339	09/23/2015	2736339
71359-RU-PCT	United States Of America	BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC DOW GLOBAL	10/09/2012	15/276824		2017-0013840	05/08/2018	9961903
71359-US-PCD	United States Of America	BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC DOW GLOBAL	09/27/2016	14/351360		2014-0249114	10/25/2016	9474278
71359-US-PCT	Argentina	BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC DOW GLOBAL	10/09/2012	P120103366		AR087855A1	10/17/2017	AR087855B1
71540-AR-NP	Australia	BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC DOW GLOBAL	09/13/2012	2012308996			06/02/2016	2012308996
71540-AU-PCT	Brazil	BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC DOW GLOBAL	09/07/2012	112014004889.4				
71540-BR-PCT	Canada	BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC DOW GLOBAL	09/07/2012	2844824				
71540-CA-PCT	China	BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC DOW GLOBAL	09/07/2012	201280040258.3		103763920	08/17/2016	201280040258.3
71540-CN-PCT	Germany	BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC DOW GLOBAL	09/07/2012	12761694.4		2736328	12/30/2015	602012013419.4
71540-DE-EPT	France	BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC DOW GLOBAL	09/07/2012	12761694.4		2736328	12/30/2015	2736328
71540-FR-EPT	United Kingdom	BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC DOW GLOBAL	09/07/2012	12761694.4		2736328	12/30/2015	2736328
71540-GB-EPT	India	BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC DOW GLOBAL	09/07/2012	1542/DEL.NP/2014		1542/DEL.NP/2014		
71540-IN-PCT	Japan	BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC DOW GLOBAL	09/07/2012	2014-530704		2014-526507	10/28/2016	6031522
71540-JP-PCT	Poland	BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC DOW GLOBAL	09/07/2012	12761694.4		2736328	12/30/2015	2736328
71540-PL-EPT	Russian Federation United States Of America	BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC DOW GLOBAL	09/07/2012	2014112228			01/10/2017	2606793
71540-RU-PCT	United States Of America	BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC DOW GLOBAL	09/07/2012	14/345230		2014-0349975	12/15/2015	9210936
71540-US-PCT	United States Of America	BIOCIDAL COMPOSITIONS AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC DOW GLOBAL	12/05/2012	14/363455		2014-0323585	12/05/2017	9832995
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PATENT NUMBER	COUNTRY	TITLE	OWNER	PENDING DATE	APP. NUMBER	PRI. NUMBER	GRANT NUMBER
72558-BR-PCT	Brazil	SILVER-CONTAINING CONCENTRATE	DOW GLOBAL TECHNOLOGIES LLC	06/26/2013	112014031400-4		
72558-CN-NP[2]	China	SILVER-CONTAINING CONCENTRATE	DOW GLOBAL TECHNOLOGIES LLC	06/29/2012	201210224369.1	103509362	201210224369.1
72558-CN-PCT	China	SILVER-CONTAINING CONCENTRATE	DOW GLOBAL TECHNOLOGIES LLC	06/26/2013	201380031523.6	104661527	201380031523.6
72558-EP-EPT	European Procedure (Patents)	SILVER-CONTAINING CONCENTRATE	DOW GLOBAL TECHNOLOGIES LLC	06/26/2013	13809782.9	2866566	
72558-IN-PCT	India	SILVER-CONTAINING CONCENTRATE	TECHNOLOGIES LLC	06/26/2013	10300/DEL.NP/2014	10300/DEL.NP/2014	
72558-JP-PCD	Japan	SILVER-CONTAINING CONCENTRATE	DOW GLOBAL TECHNOLOGIES LLC	12/25/2017	2017-247825	2018-076528	
72558-JP-PCT	Japan	SILVER-CONTAINING CONCENTRATE	DOW GLOBAL TECHNOLOGIES LLC	06/26/2013	2015-518812	2015-522570	
72558-US-PCT	United States Of America	SILVER-CONTAINING CONCENTRATE	DOW GLOBAL TECHNOLOGIES LLC	06/26/2013	14/410605	2015-0152237	
72606-BR-PCT	Brazil	SILVER-CONTAINING COMPOSITION	TECHNOLOGIES LLC	06/26/2013	112014031398-9		
72606-CN-NP[2]	China	SILVER-CONTAINING COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	06/29/2012	201210224352.6	103509364	201210224352.6
72606-EP-EPT	European Procedure (Patents)	SILVER-CONTAINING COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	06/26/2013	13810195.1	2867307	
72606-IN-PCT	India	SILVER-CONTAINING COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	06/26/2013	10307/DEL.NP/2014	10307/DEL.NP/2014	
72606-JP-PCD	Japan	SILVER-CONTAINING COMPOSITION	TECHNOLOGIES LLC	12/14/2017	2017-239844	2018-076522	
72606-JP-PCT	Japan	SILVER-CONTAINING COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	06/26/2013	2015-518811	2015-524485	
72606-US-PCT	United States Of America	SILVER-CONTAINING COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	06/26/2013	14/410612	2015-0335012	
72831-AU-PCD[2]	Australia	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	04/14/2016	2016202348		2016202348
72831-AU-PCD[3]	Australia	MICROBICIDAL COMPOSITION	TECHNOLOGIES LLC	04/14/2016	2016202347		2016202347
72831-AU-PCD[6]	Australia	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	04/14/2016	2016202352		2016202352
72831-AU-PCT	Australia	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	05/22/2013	2013266432	2013266432	2013266432
72831-BR-PCT	Brazil	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	05/22/2013	112014028092-4		
72831-DE-EPD[3]	Germany	MICROBICIDAL COMPOSITION	TECHNOLOGIES LLC	05/06/2015	15166511.0	2932850	602013012847.2
72831-DE-EPD[4]	Germany	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	05/06/2015	15166511.4	2932849	602013012603.8

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72831-DE-EPD[5]	Germany	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	05/06/2015	15166510.6	2932848	10/05/2016	602013012601.1
72831-DE-EPT	Germany	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	05/22/2013	13729139.9	2854540	04/27/2016	602013007088.1
72831-DE-ETD	Germany	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	05/06/2015	15166515.5	2932852	10/26/2016	602013013357.3
72831-DE-ETD[2]	Germany	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	05/06/2015	15166514.8	2932851	02/21/2018	602013033598.2
72831-EP-ETD[2]	European Procedure (Patents)	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	05/06/2015	15166514.8	2932851	02/21/2018	2932851
72831-EP-ETD[5]	European Procedure (Patents)	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	05/06/2015	15166510.6	2932848	10/05/2016	2932848
72831-ES-ETD[2]	Spain	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	05/06/2015	15166514.8	2932851	02/21/2018	2932851
72831-FR-EPD[3]	France	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	05/06/2015	15166513.0	2932850	10/12/2016	2932850
72831-FR-EPD[4]	France	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	05/06/2015	15166511.4	2932849	10/05/2016	2932849
72831-FR-EPD[5]	France	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	05/06/2015	15166510.6	2932848	10/05/2016	2932848
72831-FR-EPT	France	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	05/22/2013	13729139.9	2854540	04/27/2016	2854540
72831-FR-ETD	France	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	05/06/2015	15166515.5	2932852	10/26/2016	2932852
72831-FR-ETD[2]	France	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	05/06/2015	15166514.8	2932851	02/21/2018	2932851
72831-GB-EPD[3]	United Kingdom	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	05/06/2015	15166513.0	2932850	10/12/2016	2932850
72831-GB-EPD[4]	United Kingdom	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	05/06/2015	15166511.4	2932849	10/05/2016	2932849
72831-GB-EPD[5]	United Kingdom	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	05/06/2015	15166510.6	2932848	10/05/2016	2932848
72831-GB-EPT	United Kingdom	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	05/22/2013	13729139.9	2854540	04/27/2016	2854540
72831-GB-ETD	United Kingdom	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	05/06/2015	15166515.5	2932852	10/26/2016	2932852
72831-GB-ETD[2]	United Kingdom	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	05/06/2015	15166514.8	2932851	02/21/2018	2932851
72831-IN-PCT	India	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	05/22/2013	9004/DEL.NP/2014	9004/DEL.NP/2014		
72831-JP-PCT	Japan	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	05/22/2013	2015-514146	2015-517578	02/24/2017	6097825
72831-KR-PCT	SOUTH KOREA	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	05/22/2013	10-2014-7034579	10-2015-0021516		

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72831-MX-PCT	Mexico	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	05/22/2013	MX/a/2014/014082			
72831-PL-EPD[3]	Poland	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	05/06/2015	15166513.0	2932850	10/12/2016	2932850
72831-PL-EPD[4]	Poland	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	05/06/2015	15166511.4	2932849	10/05/2016	2932849
72831-PL-EPD[5]	Poland	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	05/06/2015	15166510.6	2932848	10/05/2016	2932848
72831-PL-EPT	Poland	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	05/22/2013	13729139.9	2854540	04/27/2016	2854540
72831-PL-ETD	Poland	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	05/06/2015	15166515.5	2932852	10/26/2016	2932852
72831-RU-PCT	Russian Federation	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	05/22/2013	2014149551		06/23/2017	2623241
72831-TR-EPD[3]	Turkey	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	05/06/2015	15166513.0	2932850	10/12/2016	2932850
72831-TR-EPD[4]	Turkey	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	05/06/2015	15166511.4	2932849	10/05/2016	2932849
72831-TR-EPD[5]	Turkey	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	05/06/2015	15166510.6	2932848	10/05/2016	2932848
72831-TR-EPT	Turkey	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	05/22/2013	13729139.9	2854540	04/27/2016	2854540
72831-TR-ETD	Turkey	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	05/06/2015	15166515.5	2932852	10/26/2016	2932852
72831-US-PCT	United States Of America	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	05/22/2013	14/402984	2015-0164077	12/06/2016	9510597
72932-AR-NP	Argentina	ANTIMICROBIAL COMPOUNDS	DOW GLOBAL TECHNOLOGIES LLC	06/14/2013	P130102105	AR091452		
72932-AU-PCT	Australia	ANTIMICROBIAL COMPOUNDS	DOW GLOBAL TECHNOLOGIES LLC	06/12/2013	2013277511		08/31/2017	2013277511
72932-BR-PCT	Brazil	ANTIMICROBIAL COMPOUNDS	DOW GLOBAL TECHNOLOGIES LLC	06/12/2013	112014030571-4			
72932-CA-PCT	Canada	ANTIMICROBIAL COMPOUNDS	DOW GLOBAL TECHNOLOGIES LLC	06/12/2013	2876015			
72932-CN-PCT	China	ANTIMICROBIAL COMPOUNDS	DOW GLOBAL TECHNOLOGIES LLC	06/12/2013	201380032241.8	104603135A	10/05/2016	201380032241.8
72932-DE-EPT	Germany	ANTIMICROBIAL COMPOUNDS	DOW GLOBAL TECHNOLOGIES LLC	06/12/2013	13731226.0	2861592	04/06/2016	602013006334.6
72932-FR-EPT	France	ANTIMICROBIAL COMPOUNDS	DOW GLOBAL TECHNOLOGIES LLC	06/12/2013	13731226.0	2861592	04/06/2016	2861592
72932-GB-EPT	United Kingdom	ANTIMICROBIAL COMPOUNDS	DOW GLOBAL TECHNOLOGIES LLC	06/12/2013	13731226.0	2861592	04/06/2016	2861592
72932-IN-PCT	India	ANTIMICROBIAL COMPOUNDS	DOW GLOBAL TECHNOLOGIES LLC	06/12/2013	10069/DIE/NP/2014	10069/DIE/NP/2014		
72932-JP-PCT	Japan	ANTIMICROBIAL COMPOUNDS	DOW GLOBAL TECHNOLOGIES LLC	06/12/2013	2015-518452	2015-523358	12/01/2017	6250656

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Patent No.	Country	Title	Inventor	App. No.	Pub. No.	Pub. Date	Grant No.
72932-PL-EPT	Poland	ANTIMICROBIAL COMPOUNDS	DOW GLOBAL TECHNOLOGIES LLC	06/12/2013	13731226.0	2861592	04/06/2016
72932-RU-PCT	Russian Federation	ANTIMICROBIAL COMPOUNDS	TECHNOLOGIES LLC	06/12/2013	2014153679	2656592	04/06/2018
72932-US-PCT	United States Of America	ANTIMICROBIAL COMPOUNDS	DOW GLOBAL TECHNOLOGIES LLC	06/12/2013	14/565867	2015-0336983	04/11/2017
72933-AR-NP	Argentina	ANTIMICROBIAL COMPOUNDS	TECHNOLOGIES LLC	06/14/2013	P130102106	AR091453	
72933-AU-PCT	Australia	ANTIMICROBIAL COMPOUNDS	DOW GLOBAL TECHNOLOGIES LLC	06/12/2013	2013277509		03/01/2018
72933-BR-PCT	Brazil	ANTIMICROBIAL COMPOUNDS	TECHNOLOGIES LLC	06/12/2013	112014030576-5		
72933-CA-PCT	Canada	ANTIMICROBIAL COMPOUNDS	DOW GLOBAL TECHNOLOGIES LLC	06/12/2013	2876014		
72933-CN-PCT	China	ANTIMICROBIAL COMPOUNDS	TECHNOLOGIES LLC	06/12/2013	201380032210.2	104619688	07/18/2017
72933-DE-EPT	Germany	ANTIMICROBIAL COMPOUNDS	DOW GLOBAL TECHNOLOGIES LLC	06/12/2013	13731225.2	2861567	08/31/2016
72933-FR-EPT	France	ANTIMICROBIAL COMPOUNDS	TECHNOLOGIES LLC	06/12/2013	13731225.2	2861567	08/31/2016
72933-GB-EPT	United Kingdom	ANTIMICROBIAL COMPOUNDS	DOW GLOBAL TECHNOLOGIES LLC	06/12/2013	13731225.2	2861567	08/31/2016
72933-IN-PCT	India	ANTIMICROBIAL COMPOUNDS	TECHNOLOGIES LLC	06/12/2013	100177DELNP/2014	100177DELNP/2014	
72933-JP-PCT	Japan	ANTIMICROBIAL COMPOUNDS	TECHNOLOGIES LLC	06/12/2013	2015-518451	2015-521619	12/01/2017
72933-RU-PCT	Russian Federation	ANTIMICROBIAL COMPOUNDS	TECHNOLOGIES LLC	06/12/2013	2014153680		01/31/2018
72933-US-PCT	United States Of America	ANTIMICROBIAL COMPOUNDS	DOW GLOBAL TECHNOLOGIES LLC	06/12/2013	14/565890	2016-0176828	01/24/2017
73698-BR-PCT	Brazil	MICROBICIDAL COMPOSITION	TECHNOLOGIES LLC	09/16/2013	112015004825-0		
73698-CN-PCT	China	MICROBICIDAL COMPOSITION	TECHNOLOGIES LLC	09/16/2013	201380045898.8	104602519	08/14/2018
73698-IN-PCT	India	MICROBICIDAL COMPOSITION	TECHNOLOGIES LLC	09/16/2013	1281/DELNP/2015	1281/DELNP/2015	
73698-JP-PCT	Japan	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	09/16/2013	2015-532116	2015-534552	07/07/2017
73698-RU-PCT	Russian Federation	MICROBICIDAL COMPOSITION	TECHNOLOGIES LLC	09/16/2013	2015112009		03/23/2018
73698-US-PCT	United States Of America	MICROBICIDAL COMPOSITION SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND ONE OF DCOIT OR OIT FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	09/16/2013	14/427004	2015-0230457	05/24/2016
73989-AU-PCT	Australia		DOW GLOBAL TECHNOLOGIES LLC	11/29/2013	2013352023		11/16/2017

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PATENT NUMBER	COUNTRY	TITLE	OWNERS	PENDING DATE	APP. NUMBER	PRI. NUMBER	GRANT NUMBER
73989-BR-PCT	Brazil	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND ONE OF DCOIT OR OIT FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND ONE OF DCOIT OR OIT FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	11/29/2013	112015012187-0		
73989-CN-PCT	China	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND ONE OF DCOIT OR OIT FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	11/29/2013	201380060172.1	105338814	201380060172.1
73989-DE-EPT	Germany	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND ONE OF DCOIT OR OIT FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND ONE OF DCOIT OR OIT FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	11/29/2013	13808379.5	2925131	602013013327.1
73989-FR-EPT	France	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND ONE OF DCOIT OR OIT FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	11/29/2013	13808379.5	2925131	2925131
73989-GB-EPT	United Kingdom	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND ONE OF DCOIT OR OIT FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND ONE OF DCOIT OR OIT FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	11/29/2013	13808379.5	2925131	2925131
73989-IN-PCT	India	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND ONE OF DCOIT OR OIT FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	11/29/2013	5251/DELNP/2015		
73989-IT-EPT	Italy	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND ONE OF DCOIT OR OIT FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND ONE OF DCOIT OR OIT FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	11/29/2013	13808379.5	2925131	502017000006622
73989-JP-PCT	Japan	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND ONE OF DCOIT OR OIT FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	11/29/2013	2015-545474	2016-506384	6266645
73989-KR-PCT	SOUTH KOREA	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND ONE OF DCOIT OR OIT FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND ONE OF DCOIT OR OIT FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	11/29/2013	10-2015-7015361		
73989-MX-PCT	Mexico	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND ONE OF DCOIT OR OIT FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	11/29/2013	MX/a/15/006404		358355
73989-NO-EPT	Norway	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND ONE OF DCOIT OR OIT FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	11/29/2013	13808379.5	2925131	2925131

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
73989-PL-EPT	Poland	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND ONE OF DCOIT OR OT FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	11/29/2013	13808379.5	2925131	10/26/2016	2925131
73989-TR-EPT	Turkey	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND ONE OF DCOIT OR OT FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	11/29/2013	13808379.5	2925131	10/26/2016	2925131
73989-US-PCT	United States Of America	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND ONE OF DCOIT OR OT FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	11/29/2013	14/646786	2015-0335019	04/05/2016	9301528
73990-AU-PCT	Australia	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND IPBC FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	11/29/2013	2013352024		11/02/2017	2013352024
73990-BR-PCT	Brazil	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND IPBC FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	11/29/2013	112015012196-9			
73990-CN-PCT	China	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND IPBC FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	11/29/2013	201380061174.2	105472984	07/18/2017	201380061174.2
73990-DE-EPT	Germany	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND IPBC FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	11/29/2013	13808380.3	2925132	11/02/2016	602013013651.3
73990-FR-EPT	France	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND IPBC FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	11/29/2013	13808380.3	2925132	11/02/2016	2925132
73990-GB-EPT	United Kingdom	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND IPBC FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	11/29/2013	13808380.3	2925132	11/02/2016	2925132
73990-IN-PCT	India	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND IPBC FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	11/29/2013	5221/DDEL/NP/2015			
73990-IT-EPT	Italy	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND IPBC FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	11/29/2013	13808380.3	2925132	11/02/2016	502017000008428

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Patent Number	Country	Title	Inventor	App. Number	Pub. Number	Grant Number
73990-JP-PCT	Japan	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND IPBC FOR DRY FILM PROTECTION	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND IPBC FOR DRY FILM PROTECTION	11/29/2013	2015-545475	2016-507481
73990-KR-PCT	SOUTH KOREA	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND IPBC FOR DRY FILM PROTECTION	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND IPBC FOR DRY FILM PROTECTION	11/29/2013	10-2015-7015368	08/03/2018
73990-MX-PCT	Mexico	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND IPBC FOR DRY FILM PROTECTION	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND IPBC FOR DRY FILM PROTECTION	11/29/2013	MX/a/15/006402	6379105
73990-NO-EPT	Norway	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND IPBC FOR DRY FILM PROTECTION	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND IPBC FOR DRY FILM PROTECTION	11/29/2013	13808380.3	2925132
73990-PL-EPT	Poland	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND IPBC FOR DRY FILM PROTECTION	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND IPBC FOR DRY FILM PROTECTION	11/29/2013	13808380.3	2925132
73990-TR-EPT	Turkey	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND IPBC FOR DRY FILM PROTECTION	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND IPBC FOR DRY FILM PROTECTION	11/29/2013	13808380.3	2925132
73990-US-PCT	United States Of America	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND IPBC FOR DRY FILM PROTECTION	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND IPBC FOR DRY FILM PROTECTION	11/29/2013	14/646793	2015-0313236
73991-AU-PCD	Australia	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND ZINC PYRITHIONE FOR DRY FILM PROTECTION	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND ZINC PYRITHIONE FOR DRY FILM PROTECTION	02/28/2017	2017201379	02/01/2018
73991-BR-PCT	Brazil	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND ZINC PYRITHIONE FOR DRY FILM PROTECTION	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND ZINC PYRITHIONE FOR DRY FILM PROTECTION	11/29/2013	112015012201-9	2017201379
73991-CN-PCT	China	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND ZINC PYRITHIONE FOR DRY FILM PROTECTION	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND ZINC PYRITHIONE FOR DRY FILM PROTECTION	11/29/2013	201380060164.7	06/06/2017
73991-DE-EPT	Germany	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND ZINC PYRITHIONE FOR DRY FILM PROTECTION	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND ZINC PYRITHIONE FOR DRY FILM PROTECTION	11/29/2013	13808381.1	602013013329.8

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
73991-FR-EPT	France	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND ZINC PYRITHIONE FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	11/29/2013	13808381.1	2925130	10/26/2016	2925130
73991-GB-EPT	United Kingdom	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND ZINC PYRITHIONE FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	11/29/2013	13808381.1	2925130	10/26/2016	2925130
73991-IN-PCT	India	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND ZINC PYRITHIONE FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	11/29/2013	5220/DELNP/2015			
73991-IT-EPT	Italy	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND ZINC PYRITHIONE FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	11/29/2013	13808381.1	2925130	10/26/2016	502017000006598
73991-JP-PCT	Japan	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND ZINC PYRITHIONE FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	11/29/2013	2015-545476	2016-502541	07/06/2018	6364019
73991-KR-PCT	SOUTH KOREA	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND ZINC PYRITHIONE FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	11/29/2013	10-2015-7015372			
73991-MX-PCT	Mexico	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND ZINC PYRITHIONE FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	11/29/2013	MX/a/15/006403		08/15/2018	358360
73991-NO-EPT	Norway	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND ZINC PYRITHIONE FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	11/29/2013	13808381.1	2925130	10/26/2016	2925130
73991-PL-EPT	Poland	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND ZINC PYRITHIONE FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	11/29/2013	13808381.1	2925130	10/26/2016	2925130
73991-TR-EPT	Turkey	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND ZINC PYRITHIONE FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	11/29/2013	13808381.1	2925130	10/26/2016	2925130
73991-US-PCT	United States Of America	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND ZINC PYRITHIONE FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	11/29/2013	14/646795	2015-0296791	03/22/2016	9288991

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PATENT NUMBER	COUNTRY	TITLE	OWNER	PENDING DATE	APP. NUMBER	PIF. NUMBER	GRANT NUMBER
73992-AU-PCT	Australia	SYNERGISTIC COMBINATION OF ALENACIL COMPOUND AND TERBUTRYN FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	11/29/2013	2013352026		2013352026
73992-BR-PCT	Brazil	SYNERGISTIC COMBINATION OF ALENACIL COMPOUND AND TERBUTRYN FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	11/29/2013	112015012199-3		
73992-CN-PCT	China	SYNERGISTIC COMBINATION OF ALENACIL COMPOUND AND TERBUTRYN FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	11/29/2013	201380059524.1	105324032	201380059524.1
73992-DE-EPT	Germany	SYNERGISTIC COMBINATION OF ALENACIL COMPOUND AND TERBUTRYN FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	11/29/2013	13808382.9	2925133	602013013652.1
73992-FR-EPT	France	SYNERGISTIC COMBINATION OF ALENACIL COMPOUND AND TERBUTRYN FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	11/29/2013	13808382.9	2925133	2925133
73992-GB-EPT	United Kingdom	SYNERGISTIC COMBINATION OF ALENACIL COMPOUND AND TERBUTRYN FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	11/29/2013	13808382.9	2925133	2925133
73992-IN-PCT	India	SYNERGISTIC COMBINATION OF ALENACIL COMPOUND AND TERBUTRYN FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	11/29/2013	5252/DEL/NP/2015		
73992-JP-PCT	Japan	SYNERGISTIC COMBINATION OF ALENACIL COMPOUND AND TERBUTRYN FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	11/29/2013	2015-545477	2016-502542	6364020
73992-KR-PCT	SOUTH KOREA	SYNERGISTIC COMBINATION OF ALENACIL COMPOUND AND TERBUTRYN FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	11/29/2013	10-2015-7015380		
73992-MX-PCT	Mexico	SYNERGISTIC COMBINATION OF ALENACIL COMPOUND AND TERBUTRYN FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	11/29/2013	MX/a/2015/006410		
73992-US-PCT	United States Of America	SYNERGISTIC COMBINATION OF ALENACIL COMPOUND AND TERBUTRYN FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	11/29/2013	14/646804	2015-0320045	9526248

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OS REFERENCE	COUNTRY	TEST	OWNER	REFERENCE DATE	APP. NUMBER	PUB. NUMBER	GRANT DATE	GRANT NUMBER
74075-AU-PCD	Australia	SYNERGISTIC COMBINATION OF A ZOAXAMIDE COMPOUND AND ONE OF DCOIT OR OIT FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	02/28/2017	2017201380		02/01/2018	2017201380
74075-BR-PCT	Brazil	SYNERGISTIC COMBINATION OF A ZOAXAMIDE COMPOUND AND ONE OF DCOIT OR OIT FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	11/29/2013	112015012202-7			
74075-CN-PCT	China	SYNERGISTIC COMBINATION OF A ZOAXAMIDE COMPOUND AND ONE OF DCOIT OR OIT FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	11/29/2013	201380059500.6	105338813	08/25/2017	201380059500.6
74075-DE-EPT	Germany	SYNERGISTIC COMBINATION OF A ZOAXAMIDE COMPOUND AND ONE OF DCOIT OR OIT FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	11/29/2013	13808383.7	2914110	08/17/2016	602013010479.4
74075-GB-EPT	United Kingdom	SYNERGISTIC COMBINATION OF A ZOAXAMIDE COMPOUND AND ONE OF DCOIT OR OIT FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	11/29/2013	13808383.7	2914110	08/17/2016	2914110
74075-IN-PCT	India	SYNERGISTIC COMBINATION OF A ZOAXAMIDE COMPOUND AND ONE OF DCOIT OR OIT FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	11/29/2013	5255/DEL.NP/2015			
74075-MX-PCT	Mexico	SYNERGISTIC COMBINATION OF A ZOAXAMIDE COMPOUND AND ONE OF DCOIT OR OIT FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	11/29/2013	MX/d/15/006409			
74075-US-PCT	United States Of America	SYNERGISTIC COMBINATION OF A ZOAXAMIDE COMPOUND AND ONE OF DCOIT OR OIT FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	11/29/2013	14/646814	2015-0296786		
74077-AU-PCT	Australia	SYNERGISTIC COMBINATION OF A ZOAXAMIDE COMPOUND AND ZINC PYRITHIONE FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	11/29/2013	2013352028		11/16/2017	2013352028
74077-BR-PCT	Brazil	SYNERGISTIC COMBINATION OF A ZOAXAMIDE COMPOUND AND ZINC PYRITHIONE FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	11/29/2013	112015012205-1			
74077-CN-PCT	China	SYNERGISTIC COMBINATION OF A ZOAXAMIDE COMPOUND AND ZINC PYRITHIONE FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	11/29/2013	201380059825.4	104981159	06/23/2017	201380059825.4

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Patent No.	Country	Title	Inventor	Filing Date	App. No.	Pub. No.	Pub. Date	Grant No.
74077-DE-EPT	Germany	SYNERGISTIC COMBINATION OF A ZOAXAMIDE COMPOUND AND ZINC PYRITHIONE FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	11/29/2013	13808384.5	2908637	08/17/2016	602013010480.8
74077-GB-EPT	United Kingdom	SYNERGISTIC COMBINATION OF A ZOAXAMIDE COMPOUND AND ZINC PYRITHIONE FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	11/29/2013	13808384.5	2908637	08/17/2016	2908637
74077-IN-PCT	India	SYNERGISTIC COMBINATION OF A ZOAXAMIDE COMPOUND AND ZINC PYRITHIONE FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	11/29/2013	5254/DEL.NP/2015			
74077-MX-PCT	Mexico	SYNERGISTIC COMBINATION OF A ZOAXAMIDE COMPOUND AND ZINC PYRITHIONE FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	11/29/2013	MX/a/15/006401		08/15/2018	358369
74077-US-PCT	United States Of America	SYNERGISTIC COMBINATION OF A ZOAXAMIDE COMPOUND AND ZINC PYRITHIONE FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	11/29/2013	14/646820	2015-0296792	12/08/2015	9204654
74078-AU-PCT	Australia	SYNERGISTIC COMBINATION OF A ZOAXAMIDE COMPOUND AND TERBUTRYN FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	11/29/2013	2013352030		11/16/2017	2013352030
74078-BR-PCT	Brazil	SYNERGISTIC COMBINATION OF A ZOAXAMIDE COMPOUND AND TERBUTRYN FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	11/29/2013	112015012193-4			
74078-CN-PCT	China	SYNERGISTIC COMBINATION OF A ZOAXAMIDE COMPOUND AND TERBUTRYN FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	11/29/2013	201380059889.4	105407722	02/23/2018	201380059889.4
74078-DE-EPT	Germany	SYNERGISTIC COMBINATION OF A ZOAXAMIDE COMPOUND AND TERBUTRYN FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	11/29/2013	13808385.2	2925127	10/19/2016	602013013079.5
74078-GB-EPT	United Kingdom	SYNERGISTIC COMBINATION OF A ZOAXAMIDE COMPOUND AND TERBUTRYN FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	11/29/2013	13808385.2	2925127	10/19/2016	2925127
74078-IN-PCT	India	SYNERGISTIC COMBINATION OF A ZOAXAMIDE COMPOUND AND TERBUTRYN FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	11/29/2013	5253/DEL.NP/2015			

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
74078-MX-PCT	Mexico	SYNERGISTIC COMBINATION OF A ZOAXAMIDE COMPOUND AND TERBUTRYN FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	11/29/2013	MX/a/2015/006411			
74078-PL-EPT	Poland	SYNERGISTIC COMBINATION OF A ZOAXAMIDE COMPOUND AND TERBUTRYN FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	11/29/2013	13808385.2	2925127	10/19/2016	2925127
74078-US-PCT	United States Of America	SYNERGISTIC COMBINATION OF A ZOAXAMIDE COMPOUND AND TERBUTRYN FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	11/29/2013	14/646821	2015-0296783		
74137-BR-PCT	Brazil	METHOD FOR PREPARATION OF 2-ALKYL-1,2-BENZISOTHAZOLIN-3-ONES	DOW GLOBAL TECHNOLOGIES LLC	11/19/2013	112015012061-0			
74137-CL-PCT	Chile	METHOD FOR PREPARATION OF 2-ALKYL-1,2-BENZISOTHAZOLIN-3-ONES	DOW GLOBAL TECHNOLOGIES LLC	11/19/2013	1302-2015		04/18/2018	56325
74137-CN-PCT	China	METHOD FOR PREPARATION OF 2-ALKYL-1,2-BENZISOTHAZOLIN-3-ONES	DOW GLOBAL TECHNOLOGIES LLC	11/19/2013	201380058865.7	105008338	05/24/2017	201380058865.7
74137-DE-EPT	Germany	METHOD FOR PREPARATION OF 2-ALKYL-1,2-BENZISOTHAZOLIN-3-ONES	DOW GLOBAL TECHNOLOGIES LLC	11/19/2013	13798881.2	2925734	10/05/2016	602013012544.9
74137-IN-PCT	India	METHOD FOR PREPARATION OF 2-ALKYL-1,2-BENZISOTHAZOLIN-3-ONES	DOW GLOBAL TECHNOLOGIES LLC	11/19/2013	5144/DEL.NP/2015			
74137-JP-PCT	Japan	METHOD FOR PREPARATION OF 2-ALKYL-1,2-BENZISOTHAZOLIN-3-ONES	DOW GLOBAL TECHNOLOGIES LLC	11/19/2013	2015-544099	2016-503429	02/16/2018	6290236
74137-KR-PCT	SOUTH KOREA	METHOD FOR PREPARATION OF 2-ALKYL-1,2-BENZISOTHAZOLIN-3-ONES	DOW GLOBAL TECHNOLOGIES LLC	11/19/2013	10-2015-7011595			
74137-MX-PCT	Mexico	METHOD FOR PREPARATION OF 2-ALKYL-1,2-BENZISOTHAZOLIN-3-ONES	DOW GLOBAL TECHNOLOGIES LLC	11/19/2013	MX/a/2015/006408			
74137-US-PCT	United States Of America	SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	11/19/2013	14/441875	2015-0291541	09/22/2015	9139540
74592-AU-PCT	Australia	SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	03/28/2014	2014240891		12/21/2017	2014240891
74592-BR-PCT	Brazil	SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	03/28/2014	112015024677-0			

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Case Reference	Country	Item	Owner	Filing Date	App Number	Prior Number	Grant Date	Grant Number
74592-CN-PCT	China	SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION	TECHNOLOGIES LLC	03/28/2014	201480016420.7	105307495	07/18/2017	201480016420.7
		SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION						
		SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION						
74592-DE-EPT	Germany	SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION	TECHNOLOGIES LLC	03/28/2014	14718894.0	2953459	02/01/2017	602014006603.8
74592-GB-EPT	United Kingdom	SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION	TECHNOLOGIES LLC	03/28/2014	14718894.0	2953459	02/01/2017	2953459
		SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION						
		SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION						
74592-IN-PCT	India	SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION	TECHNOLOGIES LLC	03/28/2014	9273/DHL NP/2015			
74592-MX-PCT	Mexico	SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION	TECHNOLOGIES LLC	03/28/2014	MX/a/15/013595		08/15/2018	358366
		SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION						
		SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION						
74592-US-PCT	United States Of America	SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION	TECHNOLOGIES LLC	03/28/2014	14/779348	2016-0058011	04/12/2016	9307768
		SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION						
		SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION						
74593-AU-PCT	Australia	SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND OT FOR DRY FILM PROTECTION	TECHNOLOGIES LLC	03/28/2014	2014240890		12/21/2017	2014240890
74593-BR-PCT	Brazil	SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND OT FOR DRY FILM PROTECTION	TECHNOLOGIES LLC	03/28/2014	112015024676-1			
		SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND OT FOR DRY FILM PROTECTION						
		SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND OT FOR DRY FILM PROTECTION						
74593-CN-PCT	China	SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND OT FOR DRY FILM PROTECTION	TECHNOLOGIES LLC	03/28/2014	201480016423.0	105072905	10/31/2017	201480016423.0
74593-DE-EPT	Germany	SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND OT FOR DRY FILM PROTECTION	TECHNOLOGIES LLC	03/28/2014	14718893.2	2953458	02/01/2017	602014006601.1
		SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND OT FOR DRY FILM PROTECTION						
		SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND OT FOR DRY FILM PROTECTION						
74593-GB-EPT	United Kingdom	SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND OT FOR DRY FILM PROTECTION	TECHNOLOGIES LLC	03/28/2014	14718893.2	2953458	02/01/2017	2953458

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Patent Number	Country	Title	Inventor	Filing Date	App. Number	Pub. Number	Grant Number
74593-IN-PCT	India	SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND OIT FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND OIT FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	03/28/2014	9316/DEL.NP/2015		
74593-MX-PCT	Mexico	FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE	DOW GLOBAL TECHNOLOGIES LLC	03/28/2014	MX/a/15/013593		
74593-US-PCT	United States Of America	SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND OIT FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE	DOW GLOBAL TECHNOLOGIES LLC	03/28/2014	14/779349	2016-0044923	06/27/2017 9686989
74594-AU-PCT	Australia	PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND ZINC PYRITHIONE FOR DRY FILM	DOW GLOBAL TECHNOLOGIES LLC	03/28/2014	2014240887		11/23/2017 2014240887
74594-BR-PCT	Brazil	PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND ZINC PYRITHIONE FOR DRY FILM	DOW GLOBAL TECHNOLOGIES LLC	03/28/2014	112015024679-6		
74594-CN-PCT	China	PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND ZINC PYRITHIONE FOR DRY FILM	DOW GLOBAL TECHNOLOGIES LLC	03/28/2014	201480016413.7	105050403	08/18/2017 201480016413.7
74594-DE-EPT	Germany	PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND ZINC PYRITHIONE FOR DRY FILM	DOW GLOBAL TECHNOLOGIES LLC	03/28/2014	14728714.8	2953460	02/22/2017 602014006948.7
74594-GB-EPT	United Kingdom	PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND ZINC PYRITHIONE FOR DRY FILM	DOW GLOBAL TECHNOLOGIES LLC	03/28/2014	14728714.8	2953460	02/22/2017 2953460
74594-IN-PCT	India	PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND ZINC PYRITHIONE FOR DRY FILM	DOW GLOBAL TECHNOLOGIES LLC	03/28/2014	9317/DEL.NP/2015		
74594-MX-PCT	Mexico	PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND ZINC PYRITHIONE FOR DRY FILM	DOW GLOBAL TECHNOLOGIES LLC	03/28/2014	MX/a/15/013594		08/15/2018 358356

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PATENTS

PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PUB. NUMBER	GRANT DATE	GRANT NUMBER	
		SYNERGISTIC COMBINATION OF A FLUROCHLORUDONE COMPOUND AND ZINC PYRITHIONE FOR DRY FILM PROTECTION	United States Of America	DOW GLOBAL TECHNOLOGIES LLC	03/28/2014	14/779350	2016-0050922	05/03/2016	9326512
74594-US-PCT		SYNERGISTIC COMBINATION OF A CHLOROTOLURON COMPOUND AND IPBC FOR DRY FILM PROTECTION		TECHNOLOGIES LLC					
74595-AU-PCD	Australia	SYNERGISTIC COMBINATION OF A CHLOROTOLURON COMPOUND AND IPBC FOR DRY FILM PROTECTION		TECHNOLOGIES LLC	02/08/2018	2018200952			
74595-BR-PCT	Brazil	SYNERGISTIC COMBINATION OF A CHLOROTOLURON COMPOUND AND IPBC FOR DRY FILM PROTECTION		TECHNOLOGIES LLC	03/28/2014	112015024675-3			
74595-CN-PCT	China	SYNERGISTIC COMBINATION OF A CHLOROTOLURON COMPOUND AND IPBC FOR DRY FILM PROTECTION		TECHNOLOGIES LLC	03/28/2014	201480014542.2	105873441	11/17/2017	201480014542.2
74595-DE-EPT	Germany	SYNERGISTIC COMBINATION OF A CHLOROTOLURON COMPOUND AND IPBC FOR DRY FILM PROTECTION		TECHNOLOGIES LLC	03/28/2014	14721164.3	2953471	08/30/2017	602014013810.1
74595-FR-EPT	France	SYNERGISTIC COMBINATION OF A CHLOROTOLURON COMPOUND AND IPBC FOR DRY FILM PROTECTION		TECHNOLOGIES LLC	03/28/2014	14721164.3	2953471	08/30/2017	2953471
74595-GB-EPT	United Kingdom	SYNERGISTIC COMBINATION OF A CHLOROTOLURON COMPOUND AND IPBC FOR DRY FILM PROTECTION		TECHNOLOGIES LLC	03/28/2014	14721164.3	2953471	08/30/2017	2953471
74595-IN-PCT	India	SYNERGISTIC COMBINATION OF A CHLOROTOLURON COMPOUND AND IPBC FOR DRY FILM PROTECTION		TECHNOLOGIES LLC	03/28/2014	9615/DELNP/2015			
74595-IT-EPT	Italy	SYNERGISTIC COMBINATION OF A CHLOROTOLURON COMPOUND AND IPBC FOR DRY FILM PROTECTION		TECHNOLOGIES LLC	03/28/2014	14721164.3	2953471	08/30/2017	502017000136518
74595-MX-PCT	Mexico	SYNERGISTIC COMBINATION OF A CHLOROTOLURON COMPOUND AND IPBC FOR DRY FILM PROTECTION		TECHNOLOGIES LLC	03/28/2014	MX/a/15/013601		08/15/2018	358359
74595-US-PCT	United States Of America	SYNERGISTIC COMBINATION OF A CHLOROTOLURON COMPOUND AND IPBC FOR DRY FILM PROTECTION		TECHNOLOGIES LLC	03/28/2014	14/779352	2016-0044924	05/03/2016	9326517

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SCHEDULE A
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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
74596-AU-PCT	Australia	SYNERGISTIC COMBINATION OF A CHLOROTOLURON COMPOUND AND ZINC PYRITHIONE FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	03/28/2014	2014240883		12/18/2017	2014240883
74596-BR-PCT	Brazil	SYNERGISTIC COMBINATION OF A CHLOROTOLURON COMPOUND AND ZINC PYRITHIONE FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	03/28/2014	112015024682-6			
74596-CN-PCT	China	SYNERGISTIC COMBINATION OF A CHLOROTOLURON COMPOUND AND ZINC PYRITHIONE FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	03/28/2014	201480014416.7	105188378	09/12/2017	201480014416.7
74596-DE-EPT	Germany	SYNERGISTIC COMBINATION OF A CHLOROTOLURON COMPOUND AND ZINC PYRITHIONE FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	03/28/2014	14718892.4	2950656	04/25/2018	602014024429.7
74596-EP-EPT	European Procedure (Patents)	SYNERGISTIC COMBINATION OF A CHLOROTOLURON COMPOUND AND ZINC PYRITHIONE FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	03/28/2014	14718892.4	2950656	04/25/2018	2950656
74596-GB-EPT	United Kingdom	SYNERGISTIC COMBINATION OF A CHLOROTOLURON COMPOUND AND ZINC PYRITHIONE FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	03/28/2014	14718892.4	2950656	04/25/2018	2950656
74596-IN-PCT	India	SYNERGISTIC COMBINATION OF A CHLOROTOLURON COMPOUND AND ZINC PYRITHIONE FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	03/28/2014	9673/DELNP/2015			
74596-MX-PCT	Mexico	SYNERGISTIC COMBINATION OF A CHLOROTOLURON COMPOUND AND ZINC PYRITHIONE FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	03/28/2014	MX/6/15/013592		08/15/2018	358368
74596-US-PCT	United States Of America	SYNERGISTIC COMBINATION OF A CHLOROTOLURON COMPOUND AND ZINC PYRITHIONE FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	03/28/2014	14/779354	2016-0050931	05/10/2016	9332761

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PATENT NUMBER	COUNTRY	TITLE	OWNER	PENDING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
74598-AU-PCT	Australia	SYNERGISTIC COMBINATION OF A CHLOROTOLURON COMPOUND AND OIT FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A CHLOROTOLURON COMPOUND AND OIT FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	03/28/2014	2014240877		12/18/2017	2014240877
74598-BR-PCT	Brazil	SYNERGISTIC COMBINATION OF A CHLOROTOLURON COMPOUND AND OIT FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	03/28/2014	112015024686-9			
74598-CN-PCT	China	SYNERGISTIC COMBINATION OF A CHLOROTOLURON COMPOUND AND OIT FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	03/28/2014	201480016130.2	105188377	09/01/2017	201480016130.2
74598-DE-EPT	Germany	SYNERGISTIC COMBINATION OF A CHLOROTOLURON COMPOUND AND OIT FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	03/28/2014	14723230.0	2950654	08/30/2017	602014013813.6
74598-FR-EPT	France	SYNERGISTIC COMBINATION OF A CHLOROTOLURON COMPOUND AND OIT FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	03/28/2014	14723230.0	2950654	08/30/2017	2950654
74598-GB-EPT	United Kingdom	SYNERGISTIC COMBINATION OF A CHLOROTOLURON COMPOUND AND OIT FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	03/28/2014	14723230.0	2950654	08/30/2017	2950654
74598-IN-PCT	India	SYNERGISTIC COMBINATION OF A CHLOROTOLURON COMPOUND AND OIT FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	03/28/2014	9675/DELNP/2015			
74598-IT-EPT	Italy	SYNERGISTIC COMBINATION OF A CHLOROTOLURON COMPOUND AND OIT FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	03/28/2014	14723230.0	2950654	08/30/2017	502017000137327
74598-MX-PCT	Mexico	SYNERGISTIC COMBINATION OF A CHLOROTOLURON COMPOUND AND OIT FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	03/28/2014	MX/u/15/013597		08/15/2018	358352
74598-US-PCT	United States Of America	SYNERGISTIC COMBINATION OF A CHLOROTOLURON COMPOUND AND OIT FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	03/28/2014	14779357	2016-0050933	05/03/2016	9326518
75022-BR-PCT	Brazil	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	12/10/2014	112016014288-8			
75022-CN-PCT	China	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	12/10/2014	201480069620.9			
75022-DE-EPT	Germany	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	12/10/2014	14815199.6	3089596	08/15/2018	3089596

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SCHEDULE A PATENTS

PATENT NUMBER	INVENTOR	INVENTOR ADDRESS	INVENTOR CITY	INVENTOR STATE	INVENTOR COUNTRY	INVENTOR PHONE	INVENTOR FAX	INVENTOR EMAIL	INVENTOR WEBSITE	INVENTOR OTHER	INVENTOR NOTES
75022-EP-EPT	European Procedure (Patents)	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	12/10/2014	14815199.6	3089596	08/15/2018	3089596			
75022-FR-EPT	France	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	12/10/2014	14815199.6	3089596	08/15/2018	3089596			
75022-GB-EPT	United Kingdom	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	12/10/2014	14815199.6	3089596	08/15/2018	3089596			
75022-IN-PCT	India	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	12/10/2014	201617023112	201617023112					
75022-JP-PCT	Japan	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	12/10/2014	2016-540663	2017-504597					
75022-US-PCT	United States Of America	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	12/10/2014	15/108478	2016-0324164					
75097-AU-PCT	Australia	FLUROCHLORIDONE FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	08/30/2014	2014311984		01/03/2018	2014311984			
75097-BR-PCT	Brazil	FLUROCHLORIDONE FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	08/30/2014	112016003440-6						
75097-CN-PCT	China	FLUROCHLORIDONE FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	08/30/2014	201480045267.0		12/12/2017	201480045267.0			
75097-IN-PCT	India	FLUROCHLORIDONE FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	08/30/2014	201617007561						
75097-JP-PCT	Japan	FLUROCHLORIDONE FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	08/30/2014	2016-537927	2016-531917					
75097-KR-PCT	SOUTH KOREA	FLUROCHLORIDONE FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	08/30/2014	10-2016-7007162						
75097-MX-PCT	Mexico	FLUROCHLORIDONE FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	08/30/2014	MX/d/2016/002017						
75097-RU-PCT	Russian Federation	FLUROCHLORIDONE FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	08/30/2014	2016110839						

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
75097-US-PCT	United States Of America	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND FLUROCHLORIDONE FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	08/30/2014	14/913036	2016-0198710	08/09/2016	9408389
75098-AU-PCT	Australia	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND CARBENDAZIM FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	08/30/2014	2014311985		01/03/2018	2014311985
75098-BR-PCT	Brazil	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND CARBENDAZIM FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	08/30/2014	112016003447-3			
75098-CN-PCT	China	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND CARBENDAZIM FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	08/30/2014	201480045868.1	105517438	03/27/2018	201480045868.1
75098-IN-PCT	India	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND CARBENDAZIM FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	08/30/2014	201617007415			
75098-JP-PCT	Japan	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND CARBENDAZIM FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	08/30/2014	2016-537928	2016-534126		
75098-KR-PCT	SOUTH KOREA	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND CARBENDAZIM FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	08/30/2014	10-2016-7007163			
75098-MX-PCT	Mexico	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND CARBENDAZIM FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	08/30/2014	MX/a/2016/002107			
75098-RU-PCT	Russian Federation	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND CARBENDAZIM FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	08/30/2014	2016110840		04/16/2018	2650521
75098-US-PCT	United States Of America	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND CARBENDAZIM FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	08/30/2014	14/913033	2016-0198709	08/09/2016	9408388
75100-AU-PCT	Australia	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND PHENYLUREA HERBICIDES FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	08/31/2014	2014311986		08/30/2018	2014311986

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
75100-BR-PCT	Brazil	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND PHENYLUREA HERBICIDES FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	08/31/2014	112016003474.0			
75100-CN-PCT	China	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND PHENYLUREA HERBICIDES FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	08/31/2014	201480045302.9			
75100-DE-EPT	Germany	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND PHENYLUREA HERBICIDES FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	08/31/2014	14766606.9	3010343	07/19/2017	602014012062.8
75100-FR-EPT	France	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND PHENYLUREA HERBICIDES FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	08/31/2014	14766606.9	3010343	07/19/2017	3010343
75100-GB-EPT	United Kingdom	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND PHENYLUREA HERBICIDES FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	08/31/2014	14766606.9	3010343	07/19/2017	3010343
75100-IN-PCT	India	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND PHENYLUREA HERBICIDES FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	08/31/2014	201617007416			
75100-JP-PCT	Japan	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND PHENYLUREA HERBICIDES FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	08/31/2014	2016-537929	2016-531918		
75100-KR-PCT	SOUTH KOREA	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND PHENYLUREA HERBICIDES FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	08/31/2014	10-2016-7007165			
75100-MX-PCT	Mexico	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND PHENYLUREA HERBICIDES FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	08/31/2014	MX/a/2016/002108			

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**SCHEDULE A
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Patent Number	Country	Title	Inventor	Filing Date	App. Number	Pub. Number	Pub. Date	Grant Number
SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND PHENYLUREA HERBICIDES FOR DRY FILM PROTECTION								
75100-RU-PCT	Russian Federation	DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	08/31/2014	2016110838			
METHODS AND SYSTEMS FOR MONITORING BIOFILM GROWTH								
75403-EP-EPA	European Procedure (Patents)	MONITORING BIOFILM GROWTH	DOW GLOBAL TECHNOLOGIES LLC	12/03/2014	14196139.1	2883842		
METHODS AND SYSTEMS FOR MONITORING BIOFILM GROWTH								
75403-US-NP	United States Of America	MONITORING BIOFILM GROWTH	DOW GLOBAL TECHNOLOGIES LLC	12/16/2014	14/571641	2015-0167051	01/17/2017	9546395
75405-BR-PCT	Brazil	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	10/02/2014	112016006522-0			
75405-CN-PCT	China	MICROBICIDAL COMPOSITION	TECHNOLOGIES LLC	10/02/2014	201480052698.X		12/19/2017	201480052698.X
75405-DE-EPT	Germany	MICROBICIDAL COMPOSITION	TECHNOLOGIES LLC	10/02/2014	14793673.6	3027019	06/28/2017	602014011355.9
75405-FR-EPT	France	MICROBICIDAL COMPOSITION	TECHNOLOGIES LLC	10/02/2014	14793673.6	3027019	06/28/2017	3027019
75405-GB-EPT	United Kingdom	MICROBICIDAL COMPOSITION	TECHNOLOGIES LLC	10/02/2014	14793673.6	3027019	06/28/2017	3027019
75405-IN-PCT	India	MICROBICIDAL COMPOSITION	TECHNOLOGIES LLC	10/02/2014	201617013022			
75405-JP-PCT	Japan	MICROBICIDAL COMPOSITION	TECHNOLOGIES LLC	10/02/2014	2016-517312	2016-531867		
75405-KR-PCT	SOUTH KOREA	MICROBICIDAL COMPOSITION	TECHNOLOGIES LLC	10/02/2014	10-2016-7010032			
75405-MX-PCT	Mexico	MICROBICIDAL COMPOSITION	TECHNOLOGIES LLC	10/02/2014	MX/a/2016/003698			
75405-RU-PCT	Russian Federation	MICROBICIDAL COMPOSITION	TECHNOLOGIES LLC	10/02/2014	2016117114			
75405-US-PCT	United States Of America	MICROBICIDAL COMPOSITION	TECHNOLOGIES LLC	10/02/2014	15/026126	2016-0219875	03/07/2017	9585389
75406-BR-PCT	Brazil	MICROBICIDAL COMPOSITION	TECHNOLOGIES LLC	10/02/2014	112016005819-4			
75406-CN-PCT	China	MICROBICIDAL COMPOSITION	TECHNOLOGIES LLC	10/02/2014	201480051880.3		03/02/2018	201480051880.3
75406-DE-EPT	Germany	MICROBICIDAL COMPOSITION	TECHNOLOGIES LLC	10/02/2014	14790411.4	3027025	06/28/2017	602014011349.4
75406-FR-EPT	France	MICROBICIDAL COMPOSITION	TECHNOLOGIES LLC	10/02/2014	14790411.4	3027025	06/28/2017	3027025
75406-GB-EPT	United Kingdom	MICROBICIDAL COMPOSITION	TECHNOLOGIES LLC	10/02/2014	14790411.4	3027025	06/28/2017	3027025
75406-IN-PCT	India	MICROBICIDAL COMPOSITION	TECHNOLOGIES LLC	10/02/2014	201617013021	201617013021		

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PATENT NUMBER	COUNTRY	FILED	INVENTOR	APPL. NUMBER	PRI. NUMBER	GRANT NUMBER
75406-JP-PCT	Japan	MICROBICIDAL COMPOSITION	DOW GLOBAL	10/02/2014	2016-54681	2016-534150
75406-KR-PCT	SOUTH KOREA	MICROBICIDAL COMPOSITION	TECHNOLOGIES LLC	10/02/2014	10-2016-7010031	
75406-MX-PCT	Mexico	MICROBICIDAL COMPOSITION	DOW GLOBAL	10/02/2014	MX/a/2016/003600	
75406-RU-PCT	Russian Federation	MICROBICIDAL COMPOSITION	TECHNOLOGIES LLC	10/02/2014	2016117113	04/13/2018
75406-US-PCD	United States Of America	MICROBICIDAL COMPOSITION	TECHNOLOGIES LLC	05/08/2017	15/588946	2017-0238540
75406-US-PCT	United States Of America	MICROBICIDAL COMPOSITION	DOW GLOBAL	10/02/2014	15/026128	2016-0212992
75407-BR-PCT	Brazil	MICROBICIDAL COMPOSITION	DOW GLOBAL	10/02/2014	1120160065344	06/13/2017
75407-CN-PCT	China	MICROBICIDAL COMPOSITION	TECHNOLOGIES LLC	10/02/2014	201480052647.7	08/21/2018
75407-DE-EPT	Germany	MICROBICIDAL COMPOSITION	DOW GLOBAL	10/02/2014	14790412.2	3027028
75407-EP-EPT	European Procedure (Patents)	MICROBICIDAL COMPOSITION	TECHNOLOGIES LLC	10/02/2014	14790412.2	3027028
75407-FR-EPT	France	MICROBICIDAL COMPOSITION	TECHNOLOGIES LLC	10/02/2014	14790412.2	3027028
75407-GB-EPT	United Kingdom	MICROBICIDAL COMPOSITION	TECHNOLOGIES LLC	10/02/2014	14790412.2	3027028
75407-IN-PCT	India	MICROBICIDAL COMPOSITION	TECHNOLOGIES LLC	10/02/2014	201617013020	11/22/2017
75407-JP-PCT	Japan	MICROBICIDAL COMPOSITION	TECHNOLOGIES LLC	10/02/2014	2016-517396	3027028
75407-MX-PCT	Mexico	MICROBICIDAL COMPOSITION	TECHNOLOGIES LLC	10/02/2014	MX/a/2016/003697	2016-533337
75407-RU-PCT	Russian Federation	MICROBICIDAL COMPOSITION	TECHNOLOGIES LLC	10/02/2014	2016117112	03/07/2017
75407-US-PCT	United States Of America	MICROBICIDAL COMPOSITION	TECHNOLOGIES LLC	10/02/2014	15/026130	2016-0242412
75408-US-PCT	United States Of America	MICROBICIDAL COMPOSITION	TECHNOLOGIES LLC	10/03/2014	15/026131	2016-0235058
75409-AU-PCD	Australia	MICROBICIDAL COMPOSITION	TECHNOLOGIES LLC	10/31/2017	2017254837	03/13/2018
75409-AU-PCD121	Australia	MICROBICIDAL COMPOSITION	TECHNOLOGIES LLC	10/31/2017	2017254836	03/13/2018
75409-AU-PCT	Australia	MICROBICIDAL COMPOSITION	TECHNOLOGIES LLC	10/03/2014	2014329442	03/29/2018
75409-BR-PCT	Brazil	MICROBICIDAL COMPOSITION	TECHNOLOGIES LLC	10/03/2014	112016006593.0	2014329442

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PATENT NUMBER	CO-PATENT	FILED	INVENTOR	APPL. NUMBER	FILED NUMBER	GRANT NUMBER
75409-CA-PCT	Canada	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	10/03/2014	2925574	
75409-CN-PCD	China	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	10/25/2017	201711008557.X	107771794
75409-CN-PCD[2]	China	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	10/25/2017	201711008551.2	107751195
75409-CN-PCT	China	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	10/03/2014	201480052457.5	05/08/2018 201480052457.5
75409-IN-PCT	India	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	10/03/2014	201617013018	
75409-JP-PCT	Japan	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	10/03/2014	2016-516517	2016-533320
75409-RU-PCT	Russian Federation United States Of America	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	10/03/2014	2016117116	03/19/2018 2654625
75409-US-PCD	United States Of America	MICROBICIDAL COMPOSITION	TECHNOLOGIES LLC	08/24/2017	15/685466	2017-0347655 9986739
75409-US-PCD[2]	America	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	08/24/2017	15/685475	2017-0347656 05/15/2018 9968089
75410-AU-PCT	Australia	MICROBICIDAL COMPOSITION	TECHNOLOGIES LLC	10/03/2014	2014329443	04/05/2018 2014329443
75410-BR-PCT	Brazil	MICROBICIDAL COMPOSITION	TECHNOLOGIES LLC	10/03/2014	112016006598-0	
75410-CA-PCT	Canada	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	10/03/2014	2926623	
75410-CN-PCT	China	MICROBICIDAL COMPOSITION	TECHNOLOGIES LLC	10/03/2014	201480052682.9	105578881 03/27/2018 201480052682.9
75410-DE-EPT	Germany	MICROBICIDAL COMPOSITION	TECHNOLOGIES LLC	10/03/2014	14790421.3	3027024 07/26/2017 602014012363.5
75410-EP-EPT	European Procedure (Patents)	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	10/03/2014	14790421.3	3027024 07/26/2017 3027024
75410-FR-EPT	France	MICROBICIDAL COMPOSITION	TECHNOLOGIES LLC	10/03/2014	14790421.3	3027024 07/26/2017 3027024
75410-GB-EPT	United Kingdom	MICROBICIDAL COMPOSITION	TECHNOLOGIES LLC	10/03/2014	14790421.3	3027024 07/26/2017 3027024
75410-IN-PCT	India	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	10/03/2014	201617013017	
75410-JP-PCT	Japan	MICROBICIDAL COMPOSITION	TECHNOLOGIES LLC	10/03/2014	2016-517400	2016-532636
75410-RU-PCT	Russian Federation United States Of America	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	10/03/2014	2016117115	02/28/2018 2653763
75410-US-PCD	America	MICROBICIDAL COMPOSITION	TECHNOLOGIES LLC	07/28/2017	15/662457	2017-0325449 11/07/2017 9808001
75410-US-PCD[2]	United States Of America	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	07/28/2017	15/662460	2017-0325450 12/05/2017 9832992

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PATENT NUMBER	COUNTRY	TITLE	OWNER	GRANT DATE	APP. NUMBER	PUB. NUMBER	GRANT DATE	GRANT NUMBER
75410-US-PCT	United States Of America	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	10/03/2014	15/026136	2016-0227769	10/03/2017	9775343
75639-AU-PCT	Australia	DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	11/24/2014	2014352713		05/24/2018	2014352713
75639-BR-PCT	Brazil	DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	11/24/2014	112016010632-6			
75639-CA-PCT	Canada	DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	11/24/2014	2931052			
75639-CN-PCT	China	DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	11/24/2014	201480061832.2	105722391	04/06/2018	201480061832.2
75639-EP-EPT	European Procedure (Patents)	DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	11/24/2014	14812361.5	3038464		
75639-IN-PCT	India	DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	11/24/2014	201617019986	201617019986		
75639-JP-PCT	Japan	DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	11/24/2014	2016-529454	2016-539111		
75639-US-PCT	United States Of America	DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	11/24/2014	15/037553		04/11/2017	9615574
75836-BR-PCT	Brazil	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	12/10/2014	112016014213-6			
75836-CN-PCT	China	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	12/10/2014	201480069517.4			
75836-DE-EPT	Germany	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	12/10/2014	14815200.2	3089586	07/18/2018	3089586
75836-EP-EPT	European Procedure (Patents)	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	12/10/2014	14815200.2	3089586	07/18/2018	3089586
75836-FR-EPT	France	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	12/10/2014	14815200.2	3089586	07/18/2018	3089586
75836-GB-EPT	United Kingdom	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	12/10/2014	14815200.2	3089586	07/18/2018	3089586
75836-IN-PCT	India	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	12/10/2014	201617023363	201617023363A		
75836-JP-PCT	Japan	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	12/10/2014	2016-540576	2017-503779		
75836-US-PCT	United States Of America	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	12/10/2014	15/108485	20160316756	05/09/2017	9642367

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CONFERENCE	CONFIDENTIALITY	FIELD	OWNER	REFERENCE	APP. NUMBER	PAT. NUMBER	GRANT DATE	CONF. NUMBER
75860-CN-PCT	China	METHOD FOR PREPARING A STABLE ISOTHAZOLONE FORMULATION	DOW GLOBAL TECHNOLOGIES LLC	08/11/2015	201580002182.4	107846886		
75860-EP-EPT	European Procedure (Patents)	METHOD FOR PREPARING A STABLE ISOTHAZOLONE FORMULATION	DOW GLOBAL TECHNOLOGIES LLC	08/11/2015	15900715.2	3340797		
75860-US-PCT	United States Of America	METHOD FOR PREPARING A STABLE ISOTHAZOLONE FORMULATION	DOW GLOBAL TECHNOLOGIES LLC	08/11/2015	15/888156	2018-0153163		
75860-WO-PCT	International Procedure	METHOD FOR PREPARING A STABLE ISOTHAZOLONE FORMULATION	DOW GLOBAL TECHNOLOGIES LLC	08/11/2015	PCT/CN15/086625	WO/2017/024517		
75987-CN-PCT	China	METHOD AND REAGENTS FOR DETECTING WATER CONTAMINATION	DOW GLOBAL TECHNOLOGIES LLC	06/24/2015	2015800033409.6	106536755		
75987-EP-EPT	European Procedure (Patents)	METHOD AND REAGENTS FOR DETECTING WATER CONTAMINATION	DOW GLOBAL TECHNOLOGIES LLC	06/24/2015	15736104.9	3161153		
75987-JP-PCT	Japan	METHOD AND REAGENTS FOR DETECTING WATER CONTAMINATION	DOW GLOBAL TECHNOLOGIES LLC	06/24/2015	2016-575516	2017-521066		
75987-US-PCT	United States Of America	METHOD AND REAGENTS FOR DETECTING WATER CONTAMINATION	DOW GLOBAL TECHNOLOGIES LLC	06/24/2015	15/320978	2017-0283861		
76175-US-PCT	United States Of America	Stabilized Test Reagent	TECHNOLOGIES LLC	04/06/2015	15/303028	2017-0038302		
76251-BR-PCT	Brazil	STABILIZATION OF ISOTHAZOLONES IN AQUEOUS COMPOSITIONS	DOW GLOBAL TECHNOLOGIES LLC	05/01/2015	112016025623-9			
76251-CN-PCT	China	STABILIZATION OF ISOTHAZOLONES IN AQUEOUS COMPOSITIONS	DOW GLOBAL TECHNOLOGIES LLC	05/01/2015	201580024211.1	106455570		
76251-EP-EPT	European Procedure (Patents)	STABILIZATION OF ISOTHAZOLONES IN AQUEOUS COMPOSITIONS	DOW GLOBAL TECHNOLOGIES LLC	05/01/2015	15724420.3	3143109		
76251-JP-PCT	Japan	STABILIZATION OF ISOTHAZOLONES IN AQUEOUS COMPOSITIONS	DOW GLOBAL TECHNOLOGIES LLC	05/01/2015	2016-565697	2017-515818		
76251-US-PCT	United States Of America	STABILIZATION OF ISOTHAZOLONES IN AQUEOUS COMPOSITIONS	DOW GLOBAL TECHNOLOGIES LLC	05/01/2015	15/310515	2017-0107444		
76424-EM-DB60	European Union	AIR DECONTAMINATION AND STERILIZATION MACHINE	TECHNOLOGIES LLC	09/21/2009	1166763	1166763-0001	10/30/2009	001166763-0001
76424-US-DB	United States Of America	AIR DECONTAMINATION AND STERILIZATION MACHINE	TECHNOLOGIES LLC	03/19/2010	29/357971		10/09/2012	D668750

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PATENT NUMBER	CLASS	INVENTOR	TITLE	OWNERS	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
76425-GB-NP[2]	United Kingdom	PRODUCE DECONTAMINATION APPARATUS	DOW GLOBAL TECHNOLOGIES LLC	07/20/2004	0416146.9	2407752	07/03/2007	2407752	
76425-US-PCT	United States Of America	PRODUCE DECONTAMINATION APPARATUS	DOW GLOBAL TECHNOLOGIES LLC	11/04/2004	10/578605	2007-0261570	10/08/2013	8549994	
76426-DE-EPA	Germany	HUMIDITY AND UNSATURATED COMPOUND	DOW GLOBAL TECHNOLOGIES LLC	07/19/2004	04254326.4	1500404	03/16/2011	1500404	
76426-FR-EPA	France	STERILISATION WITH OZONE, HUMIDITY AND UNSATURATED COMPOUND	DOW GLOBAL TECHNOLOGIES LLC	07/19/2004	04254326.4	1500404	03/16/2011	1500404	
76426-GB-EPA	United Kingdom	HUMIDITY AND UNSATURATED COMPOUND	DOW GLOBAL TECHNOLOGIES LLC	07/19/2004	04254326.4	1500404	03/16/2011	1500404	
76426-GB-NP[2]	United Kingdom	IMPROVEMENTS IN AND RELATING TO STERILISATION AND DECONTAMINATION	DOW GLOBAL TECHNOLOGIES LLC	07/19/2004	0416030.5	2404152	08/08/2006	2404152	
76426-PL-EPA	Poland	STERILIZATION AND DECONTAMINATION	DOW GLOBAL TECHNOLOGIES LLC	07/19/2004	04254326.4	1500404	03/16/2011	1500404	
76426-US-NP	United States Of America	IMPROVEMENTS IN AND RELATING TO STERILISATION AND/OR DECONTAMINATION	DOW GLOBAL TECHNOLOGIES LLC	07/22/2004	10/695888	2005-0031486	10/20/2009	7604774	
76427-GB-NP	United Kingdom	IMPROVEMENTS IN AND RELATING TO STERILISATION AND/OR DECONTAMINATION	DOW GLOBAL TECHNOLOGIES LLC	03/12/2009	0904262.3	2468517	02/11/2014	2468517	
76429-GB-NP	United Kingdom	STERILISATION AND/OR DECONTAMINATION OF AN ENCLOSED ENVIRONMENT	DOW GLOBAL TECHNOLOGIES LLC	03/12/2009	0904266.4	2468519	12/16/2013	2468519	
76429-JP-PCT	Japan	STERILISATION AND/OR DECONTAMINATION OF AN ENCLOSED ENVIRONMENT	DOW GLOBAL TECHNOLOGIES LLC	03/12/2010	2011-553520	2012-520104	10/02/2015	5815415	
76429-KR-PCT	SOUTH KOREA	STERILIZATION AND DECONTAMINATION OF AN ENCLOSED ENVIRONMENT	DOW GLOBAL TECHNOLOGIES LLC	03/12/2010	10-2011-7023751	10-2012-0004989	09/12/2016	10-1658401	
76430-CN-PCT	China	STERILIZATION AND DECONTAMINATION OF AN ENCLOSED ENVIRONMENT	DOW GLOBAL TECHNOLOGIES LLC	03/12/2010	201080020367.X	102421457	11/12/2014	20108002036.X	
76430-DE-EPT	Germany	STERILIZATION AND DECONTAMINATION OF AN ENCLOSED ENVIRONMENT	DOW GLOBAL TECHNOLOGIES LLC	03/12/2010	10723727.3	2405948	04/27/2016	602010032825.2	
76430-EP-EPT	European Procedure (Patents)	STERILIZATION AND DECONTAMINATION OF AN ENCLOSED ENVIRONMENT	DOW GLOBAL TECHNOLOGIES LLC	03/12/2010	10723727.3	2405948	04/27/2016	2405948	
76430-ES-EPT	Spain	STERILIZATION AND DECONTAMINATION OF AN ENCLOSED ENVIRONMENT	DOW GLOBAL TECHNOLOGIES LLC	03/12/2010	10723727.3	2405948	04/27/2016	2405948	

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Patent Number	Country	Title	Owner	Filing Date	App. Number	Pub. Number	Pub. Date	Grant Number
76430-FR-EPT	France	STERILIZATION AND DECONTAMINATION OF AN ENCLOSED ENVIRONMENT	DOW GLOBAL TECHNOLOGIES LLC	03/12/2010	10723727.3	2405948	04/27/2016	2405948
76430-GB-EPT	United Kingdom	STERILIZATION AND DECONTAMINATION OF AN ENCLOSED ENVIRONMENT	DOW GLOBAL TECHNOLOGIES LLC	03/12/2010	10723727.3	2405948	04/27/2016	2405948
76430-GB-NP	United Kingdom	IMPROVEMENTS IN AND RELATING TO STERILISATION AND DECONTAMINATION AND IMPROVEMENTS IN AND RELATING TO STERILISATION AND DECONTAMINATION	DOW GLOBAL TECHNOLOGIES LLC	03/12/2009	0904269.8	2468641	12/16/2013	2468641
76430-GB-NP[2]	United Kingdom	STERILIZATION AND DECONTAMINATION OF AN ENCLOSED ENVIRONMENT	DOW GLOBAL TECHNOLOGIES LLC	03/12/2009	0904272.2	2468520	12/16/2013	2468520
76430-HK-FPR	Hong Kong	STERILIZATION AND DECONTAMINATION OF AN ENCLOSED ENVIRONMENT	DOW GLOBAL TECHNOLOGIES LLC	03/12/2010	12109761.4	1169048	11/27/2015	1169048
76430-JP-PCT	Japan	STERILIZATION AND DECONTAMINATION OF AN ENCLOSED ENVIRONMENT	DOW GLOBAL TECHNOLOGIES LLC	03/12/2010	2011-553519	2012-520103	11/07/2014	5642717
76430-KR-PCT	SOUTH KOREA	STERILIZATION AND DECONTAMINATION OF AN ENCLOSED ENVIRONMENT	DOW GLOBAL TECHNOLOGIES LLC	03/12/2010	10-2011-7023750	10-2012-0007503	12/21/2016	1690084
76430-PL-EPT	Poland	STERILIZATION AND DECONTAMINATION OF AN ENCLOSED ENVIRONMENT	DOW GLOBAL TECHNOLOGIES LLC	03/12/2010	10723727.3	2405948	04/27/2016	2405948
76430-TR-EPT	Turkey	STERILIZATION AND DECONTAMINATION OF AN ENCLOSED ENVIRONMENT	DOW GLOBAL TECHNOLOGIES LLC	03/12/2010	10723727.3	2405948	04/27/2016	2405948
76430-US-PCT	United States Of America	STERILIZATION AND DECONTAMINATION OF AN ENCLOSED ENVIRONMENT	DOW GLOBAL TECHNOLOGIES LLC	03/12/2010	13/256066	2012-0063949	11/17/2015	9186428
76431-DE-EPT	Germany	OZONE GENERATOR DEVICE	TECHNOLOGIES LLC	09/07/2010	10763392.7	2475402	11/11/2015	602010019721.2
76431-ES-EPT	Spain	OZONE GENERATOR DEVICE	TECHNOLOGIES LLC	09/07/2010	10763392.7	2475402	11/11/2015	2475402
76431-FR-EPT	France	OZONE GENERATOR DEVICE	TECHNOLOGIES LLC	09/07/2010	10763392.7	2475402	11/11/2015	2475402
76431-GB-EPT	United Kingdom	OZONE GENERATOR DEVICE	TECHNOLOGIES LLC	09/07/2010	10763392.7	2475402	11/11/2015	2475402
76431-IN-PCT	India	OZONE GENERATOR DEVICE	TECHNOLOGIES LLC	09/07/2010	3032/CHE/NP/2012		06/06/2018	297457
76431-JP-PCT	Japan	OZONE GENERATOR DEVICE	TECHNOLOGIES LLC	09/07/2010	2012-528442		09/11/2015	5805642
76431-KR-PCT	SOUTH KOREA	OZONE GENERATOR DEVICE	TECHNOLOGIES LLC	09/07/2010	10-2012-700845	10-2012-0059614	02/14/2018	1831441
76431-PL-EPT	Poland	OZONE GENERATOR DEVICE	TECHNOLOGIES LLC	09/07/2010	10763392.7	2475402	11/11/2015	2475402

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
76431-TR-EPT	Turkey	OZONE GENERATOR DEVICE	DOW GLOBAL	09/07/2010	10763392.7	2475402	11/11/2015	2475402
76431-US-PCD	United States Of America	OZONE GENERATOR DEVICE	DOW GLOBAL	06/01/2015	14/727147		05/22/2018	9975770
76431-US-PCT	United States Of America	OZONE GENERATOR DEVICE	DOW GLOBAL	09/07/2010	13/394581	2012-0230879	07/14/2015	9078941
76432-DE-EPT	Germany	A STERILISATION AND DECONTAMINATION DEVICE	DOW GLOBAL	09/07/2010	10763393.5	2475403	11/11/2015	602010019722.0
76432-ES-EPT	Spain	A STERILISATION AND DECONTAMINATION DEVICE	DOW GLOBAL	09/07/2010	10763393.5	2475403	11/11/2015	2475403
76432-FR-EPT	France	A STERILISATION AND DECONTAMINATION DEVICE	DOW GLOBAL	09/07/2010	10763393.5	2475403	11/11/2015	2475403
76432-GB-EPT	United Kingdom	A STERILISATION AND DECONTAMINATION DEVICE	DOW GLOBAL	09/07/2010	10763393.5	2475403	11/11/2015	2475403
76432-JP-PCT	Japan	A STERILISATION AND DECONTAMINATION DEVICE	TECHNOLOGIES LLC	09/07/2010	2012-528443	04/24/2015	5734983	
76432-KR-PCT	SOUTH KOREA	A STERILISATION AND DECONTAMINATION DEVICE	TECHNOLOGIES LLC	09/07/2010	10-2012-7008830	10-2012-0059613	10/27/2017	10-1793117
76432-PL-EPT	Poland	A STERILISATION AND DECONTAMINATION DEVICE	TECHNOLOGIES LLC	09/07/2010	10763393.5	2475403	11/11/2015	2475403
76432-TR-EPT	Turkey	A STERILISATION AND DECONTAMINATION DEVICE	TECHNOLOGIES LLC	09/07/2010	10763393.5	2475403	11/11/2015	2475403
76432-US-PCD	United States Of America	A STERILISATION AND DECONTAMINATION DEVICE	DOW GLOBAL	03/10/2015	14/642994	2015-0182649	06/28/2016	9375500
76432-US-PCT	United States Of America	A STERILISATION AND DECONTAMINATION DEVICE	DOW GLOBAL	09/07/2010	13/394607	2012-0230880	04/21/2015	9011787
76433-CN-PCT	China	A STERILISATION AND DECONTAMINATION DEVICE	DOW GLOBAL	05/19/2010	201080031634.3	102458486	12/16/2015	201080031634.3
76433-JP-PCT	Japan	A STERILISATION AND DECONTAMINATION DEVICE	TECHNOLOGIES LLC	05/19/2010	2012-511338		01/09/2015	5678039
76433-KR-PCT	SOUTH KOREA	A STERILISATION AND DECONTAMINATION DEVICE	DOW GLOBAL	05/19/2010	10-2011-7030611	10-2012-0024814	08/09/2017	10-1768497
76433-US-PCT	United States Of America	A STERILISATION AND DECONTAMINATION DEVICE	DOW GLOBAL	05/19/2010	13/321589	2012-0076702	07/07/2015	9072804
76434-EP-EPT	European Procedure (Patents)	CATALYST FOR USE IN A STERILISATION AND/OR DECONTAMINATION PROCESS	DOW GLOBAL	11/17/2011	11808243.7	2640510		
76435-GB-NP	United Kingdom	RELATING TO STERILISATION AND/OR DECONTAMINATION PROCESS AND DEVICE FOR	DOW GLOBAL	09/14/2010	1015296.5	2483652	12/09/2015	2483652
76436-GB-NP	United Kingdom	DECONTAMINATION OF AN ENVIRONMENT	DOW GLOBAL	08/11/2011	1113840.1	2493549		

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT NUMBER
76462-AR-NP	Argentina	SYNERGISTIC ANTIMICROBIAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	07/15/2015	P150102251		101211
76462-AU-PCT	Australia	SYNERGISTIC ANTIMICROBIAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	07/23/2015	2015298228		
76462-BR-PCT	Brazil	SYNERGISTIC ANTIMICROBIAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	07/23/2015	1120170001230-8		
76462-CA-PCT	Canada	SYNERGISTIC ANTIMICROBIAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	07/23/2015	2956308		
76462-CN-PCT	China	SYNERGISTIC ANTIMICROBIAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	07/23/2015	201580039970.5		
76462-EP-EPT	European Procedure (Patents)	SYNERGISTIC ANTIMICROBIAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	07/23/2015	15747322.4		3174396
76462-GC-GCP	Gulf Cooperation Council	SYNERGISTIC ANTIMICROBIAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	07/09/2015	2015-29712		
76462-IN-PCT	India	SYNERGISTIC ANTIMICROBIAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	07/23/2015	201717006335		201717006335
76462-MX-PCT	Mexico	SYNERGISTIC ANTIMICROBIAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	07/23/2015	MX/rd/2017/000808		
76462-RU-PCT	Russian Federation	SYNERGISTIC ANTIMICROBIAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	07/23/2015	2017106015		
76462-US-PCT	United States Of America	SYNERGISTIC ANTIMICROBIAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	07/23/2015	15/329652		2017-0208799
76654-AR-NP	Argentina	METHOD FOR TREATING FOOD SURFACES WITH BACTERIOPHAGES	DOW GLOBAL TECHNOLOGIES LLC	07/02/2015	P150102125		101096
76655-AR-NP	Argentina	METHOD FOR TREATING FOOD SURFACES WITH AMINO ACID ESTERS	DOW GLOBAL TECHNOLOGIES LLC	07/02/2015	P150102126		101097
76655-DE-EPT	Germany	METHOD FOR TREATING FOOD SURFACES WITH AMINO ACID ESTERS	DOW GLOBAL TECHNOLOGIES LLC	07/06/2015	15739439.6		3169168
76655-EP-EPT	European Procedure (Patents)	METHOD FOR TREATING FOOD SURFACES WITH AMINO ACID ESTERS	DOW GLOBAL TECHNOLOGIES LLC	07/06/2015	15739439.6		3169168
76655-GB-EPT	United Kingdom	METHOD FOR TREATING FOOD SURFACES WITH AMINO ACID ESTERS	DOW GLOBAL TECHNOLOGIES LLC	07/06/2015	15739439.6		3169168
76655-US-PCT	United States Of America	METHOD FOR TREATING FOOD SURFACES WITH AMINO ACID ESTERS	DOW GLOBAL TECHNOLOGIES LLC	01/12/2017	15/325759		2017-0135358
76667-AR-NP	Argentina	METHOD FOR TREATING FOOD SURFACES WITH ANTIMICROBIAL ACIDS	DOW GLOBAL TECHNOLOGIES LLC	07/02/2015	P150102127		101098

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
76667-DE-EPT	Germany	METHOD FOR TREATING FOOD SURFACES WITH ANTIMICROBIAL ACIDS	DOW GLOBAL TECHNOLOGIES LLC	07/06/2015	15739441.2	3169169	04/18/2018	602015010195.2
76667-EP-EPT	European Procedure (Patents)	METHOD FOR TREATING FOOD SURFACES WITH ANTIMICROBIAL ACIDS	DOW GLOBAL TECHNOLOGIES LLC	07/06/2015	15739441.2	3169169	04/18/2018	3169169
76667-FR-EPT	France	METHOD FOR TREATING FOOD SURFACES WITH ANTIMICROBIAL ACIDS	DOW GLOBAL TECHNOLOGIES LLC	07/06/2015	15739441.2	3169169	04/18/2018	3169169
76667-GB-EPT	United Kingdom	METHOD FOR TREATING FOOD SURFACES WITH ANTIMICROBIAL ACIDS	DOW GLOBAL TECHNOLOGIES LLC	07/06/2015	15739441.2	3169169	04/18/2018	3169169
76667-US-PCT	United States Of America	METHOD FOR TREATING FOOD SURFACES WITH ANTIMICROBIAL ACIDS	DOW GLOBAL TECHNOLOGIES LLC	01/09/2017	15/324824	2017-0215441		
76668-AR-NP	Argentina	METHOD FOR TREATING FOOD SURFACES WITH PEPTIDES	DOW GLOBAL TECHNOLOGIES LLC	07/02/2015	P150102128	101099		
76669-AR-NP	Argentina	METHOD FOR TREATING FOOD SURFACES WITH QUATERNARY AMMONIUM SALTS	DOW GLOBAL TECHNOLOGIES LLC	07/02/2015	P150102129	101100		
76669-EP-EPT	European Procedure (Patents)	METHOD FOR TREATING FOOD SURFACES WITH QUATERNARY AMMONIUM SALTS	DOW GLOBAL TECHNOLOGIES LLC	07/06/2015	15742160.3	3169685		
76669-US-PCT	United States Of America	METHOD FOR TREATING FOOD SURFACES WITH QUATERNARY AMMONIUM SALTS	DOW GLOBAL TECHNOLOGIES LLC	01/12/2017	15/325761	2017-0156380		
76844-AR-NP[2]	Argentina	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	03/18/2016	20160100732			
76844-AU-PCT	Australia	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	02/24/2016	2016391882			
76844-BR-PCT	Brazil	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	02/24/2016	1120180150088			
76844-CA-PCT	Canada	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	02/24/2016	PCT/US16019268			
76844-CN-PCT	China	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	02/24/2016	201680079715.8			
76844-EP-EPT	European Procedure (Patents)	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	02/24/2016	16709867.2			
76844-GC-GCD[2]	Gulf Cooperation Council	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	09/05/2018	2016-35948			

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PATENT NUMBER	COOPERATION	FILED	OWNER	PENDING DATE	APP. NUMBER	PRI. NUMBER	GRANT NUMBER
76844-GC-GCP[2]	Gulf Cooperation Council	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	03/30/2016	2016-31081		
76844-ID-PCT	Indonesia	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	02/24/2016	PID201806623		
76844-IN-PCT	India	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	02/24/2016	201817031781		
76844-MX-PCT	Mexico	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	02/24/2016	MX/A/18/009429		
76844-RU-PCT	Russian Federation	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	02/24/2016	2018130105		
76844-US-NP	United States Of America	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	02/05/2016	15/016684	2017-0223953	
76844-US-PCT	United States Of America	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	02/24/2016	16/067835		
76844-WO-PCT	International Procedure	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	02/24/2016	PCT/US16/019268	WO/2017/135974	
77308-CN-PCT	China	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	05/25/2016	201680029855.4	108064130	
77308-JP-PCT	Japan	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	05/25/2016	2017-561776		
77308-US-PCT	United States Of America	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	05/25/2016	15/565762	2018-0116216	
77308-WO-PCT	International Procedure	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	05/25/2016	PCT/US16/034079	WO/2016/196115	
77318-EP-EPT	European Procedure (Patents)	MICROBIOLOGICALLY INDUCED CORROSION ON METAL SURFACES	DOW GLOBAL TECHNOLOGIES LLC	02/26/2016	16711060.0	3265778	
77318-US-PCT	United States Of America	MICROBIOLOGICALLY INDUCED CORROSION ON METAL SURFACES	DOW GLOBAL TECHNOLOGIES LLC	02/26/2016	15/554043	2018-0024043	
77318-WO-PCT	International Procedure	MICROBIOLOGICALLY INDUCED CORROSION ON METAL SURFACES	DOW GLOBAL TECHNOLOGIES LLC	02/26/2016	PCT/US16/019671	WO/2016/144565	
77336-BR-PCT	Brazil	CONTROLLED RELEASE COMPOSITION CONTAINING DCOIT	DOW GLOBAL TECHNOLOGIES LLC	12/08/2015	112017011939-0		
77336-CL-PCT	Chile	CONTROLLED RELEASE COMPOSITION CONTAINING DCOIT	DOW GLOBAL TECHNOLOGIES LLC	12/08/2015	1399-2017		
77336-CN-PCT	China	CONTROLLED RELEASE COMPOSITION CONTAINING DCOIT	DOW GLOBAL TECHNOLOGIES LLC	12/08/2015	201580064214.8	107001817	

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77336-JP-PCT	Japan	CONTROLLED RELEASE COMPOSITION CONTAINING DCOIT	DOW GLOBAL TECHNOLOGIES LLC	12/08/2015	2017-529062		2018-505235
77336-KR-PCT	SOUTH KOREA	CONTROLLED RELEASE COMPOSITION CONTAINING DCOIT	DOW GLOBAL TECHNOLOGIES LLC	12/08/2015	10-2017-7017533		
77336-US-PCT	United States Of America	CONTROLLED RELEASE COMPOSITION CONTAINING DCOIT	DOW GLOBAL TECHNOLOGIES LLC	12/08/2015	15/533234		2017-0362446
77337-US-PCT	United States Of America	STABILIZATION OF ISOTHAZOLONES IN AQUEOUS COMPOSITIONS	DOW GLOBAL TECHNOLOGIES LLC	12/08/2015	15/531020		2017-0360033
77337-MO-PCT	International Procedure	ISOTHAZOLONES IN AQUEOUS COMPOSITIONS	DOW GLOBAL TECHNOLOGIES LLC	12/08/2015	PCT/US15/064370	WO/2016/099991	
77409-AR-NP[2]	Argentina	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	03/18/2016	20160100733	AR104021	
77409-AU-PCT	Australia	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	02/24/2016	2016391883		
77409-BR-PCT	Brazil	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	02/24/2016	1120180148938		
77409-CA-PCT	Canada	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	02/24/2016	PCT/US16/019269		
77409-CN-PCT	China	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	02/24/2016	201680079746.3		
77409-EP-EPT	European Procedure (Patents) Gulf Cooperation Council	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	02/24/2016	16709209.7		
77409-GC-GCP[2]	India	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	03/30/2016	2016-31082		
77409-ID-PCT	Indonesia	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	02/24/2016	PID201806630		
77409-IN-PCT	India	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	02/24/2016	201817031783		
77409-MX-PCT	Mexico	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	02/24/2016	MX/a/18/009431		
77409-RU-PCT	Russian Federation	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	02/24/2016	2018130116		
77409-US-NP	United States Of America	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	02/05/2016	15/016685	2017-0223954	10/10/2017
77409-US-PCT	United States Of America	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	02/24/2016	16/067836		9781927
77409-WO-PCT	International Procedure	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	02/24/2016	PCT/US16/019269	WO/2017/135975	
77410-AR-NP[2]	Argentina	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	03/14/2016	20160100667	AR103922	

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77410-AU-PCT	Australia	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	02/24/2016	2016391884	
77410-BR-PCT	Brazil	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	02/24/2016	1120180151513	
77410-CA-PCT	Canada	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	02/24/2016	PCT/US16/019270	
77410-CN-PCT	China	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	02/24/2016	201680080155.8	
77410-EP-EPT	European Procedure (Patents)	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	02/24/2016	16889621.5	
77410-GC-GCP[2]	Gulf Cooperation Council	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	03/22/2016	2016311018	
77410-ID-PCT	Indonesia	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	02/24/2016	PID201806624	
77410-IN-PCT	India	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	02/24/2016	201817032079	
77410-MX-PCT	Mexico	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	02/24/2016	MX/A/18/009432	
77410-RU-PCT	Russian Federation	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	02/24/2016	2018130125	
77410-US-NP	United States Of America	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	02/05/2016	15/016686	2017-0223955
77410-US-PCT	United States Of America	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	02/24/2016	16/067837	10/10/2017
77410-WO-PCT	Procedure	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	02/24/2016	PCT/US16/019270	WO/2017/135976
77594-BR-PCT	Brazil	SYNERGISTIC ANTIMICROBIAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	02/19/2016	112017016724-7	
77594-CN-PCT	China	SYNERGISTIC ANTIMICROBIAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	02/19/2016	201680008326.6	107205384
77594-EP-EPT	European Procedure (Patents)	SYNERGISTIC ANTIMICROBIAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	02/19/2016	16706754.5	3261438
77594-GC-GCP	Gulf Cooperation Council	SYNERGISTIC ANTIMICROBIAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	02/14/2016	P/2016/30864	
77594-JP-PCT	Japan	SYNERGISTIC ANTIMICROBIAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	02/19/2016	2017-541593	2018-507845
77594-US-PCT	United States Of America	SYNERGISTIC ANTIMICROBIAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	02/19/2016	15/551440	2018-0042227
77594-WO-PCT	International Procedure	SYNERGISTIC ANTIMICROBIAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	02/19/2016	PCT/US16/018613	WO/2016/137830
77667-US-PCT	United States Of America	IMPROVED WATER SOLUBLE PACKAGING	DOW GLOBAL TECHNOLOGIES LLC	03/30/2016	15/561248	2018-0051145
77667-WO-PCT	International Procedure	IMPROVED WATER SOLUBLE PACKAGING	DOW GLOBAL TECHNOLOGIES LLC	03/30/2016	PCT/US16/024853	WO/2016/160893
						10053546

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
77745-US-NP	United States Of America	PROCESS FOR REMEDIATING BIOFOULING IN WATER SYSTEMS WITH VIRULENT BACTERIOPHAGE PREVENTION AND REMEDIATION OF PETROLEUM RESERVOIR SOURING AND CORROSION BY TREATMENT WITH VIRULENT BACTERIOPHAGE PREVENTION AND REMEDIATION OF PETROLEUM RESERVOIR SOURING AND CORROSION BY TREATMENT WITH VIRULENT BACTERIOPHAGE PREVENTION AND	DOW GLOBAL TECHNOLOGIES LLC	03/24/2010	12/731121	2010-0243563	08/14/2012	8241498
77746-US-CIP	United States Of America	REMEDATION OF PETROLEUM RESERVOIR SOURING AND CORROSION BY TREATMENT WITH VIRULENT BACTERIOPHAGE PREVENTION AND	DOW GLOBAL TECHNOLOGIES LLC	10/22/2013	14/060297	2014-0061123	05/16/2017	9650272
77746-US-DV	United States Of America	REMEDATION OF PETROLEUM RESERVOIR SOURING AND CORROSION BY TREATMENT WITH VIRULENT BACTERIOPHAGE PREVENTION AND	DOW GLOBAL TECHNOLOGIES LLC	02/24/2012	13/396444	2012-0168372	11/19/2013	8585899
77746-US-NP	United States Of America	REMEDATION OF PETROLEUM RESERVOIR SOURING AND CORROSION BY TREATMENT WITH VIRULENT BACTERIOPHAGE PREVENTION AND	DOW GLOBAL TECHNOLOGIES LLC	12/31/2010	12/983136	2011-0171719	05/01/2012	8168419
77747-US-NP	United States Of America	APPLICATION OF BACTERIOPHAGES FOR THE CONTROL OF UNWANTED BACTERIA IN BIOFUEL PRODUCTION MEDIATED BY NON-BACTERIAL REACTIVE AGENTS	DOW GLOBAL TECHNOLOGIES LLC	07/01/2011	13/175511	2012-0040329	08/28/2012	8252519
77748-US-NP	United States Of America	STAGED BACTERIOPHAGE REMEDIATION OF TARGET BACTERIA	DOW GLOBAL TECHNOLOGIES LLC	10/17/2013	14/056808	2014-0273159	10/11/2016	9464267
77749-US-NP	United States Of America	METHOD FOR CONTROLLED RELEASE OF ANTIMICROBIAL COMPOUNDS	DOW GLOBAL TECHNOLOGIES LLC	06/14/2016	15/580916			
77969-US-PCT	International Procedure	METHOD FOR CONTROLLED RELEASE OF ANTIMICROBIAL COMPOUNDS	DOW GLOBAL TECHNOLOGIES LLC	06/14/2016	15/580916			
77978-CN-PCT	China	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	05/25/2016	201680028902.3		10/979974	
77978-JP-PCT	Japan	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	05/25/2016	2017-561347		2018-516251	
77978-US-PCT	United States Of America	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	05/25/2016	15/565912		2018-0092360	

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CONFERENCE	CONFERENCE	TOPIC	OWNER	PRESENTATION	APP. NUMBER	PAT. NUMBER	GRANT DATE	GRANT NUMBER
77978-WO-PCT	International Procedure	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	05/25/2016	PCT/US16/034080	WO/2016/196116		
78047-AR-NP	Argentina	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	06/16/2016	20160101810	AR105031A1		
78047-AU-PCT	Australia	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	06/21/2016	2016282592			
78047-BR-PCT	Brazil	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	06/21/2016	112017026365-3			
78047-CA-PCT	Canada	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	06/21/2016	PCT/US16/038459			
78047-CN-PCT	China	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	06/21/2016	201680033046.0	107708418		
78047-EP-EPT	European Procedure (Patents)	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	06/21/2016	16734120.5	3313184		
78047-GC-NP	Gulf Cooperation Council	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	06/15/2016	2016-31503			
78047-IN-PCT	India	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	06/21/2016	201817001003	201817001003		
78047-MX-PCT	Mexico	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	06/21/2016	MX/a/2017/016799			
78047-RU-PCT	Russian Federation	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	06/21/2016	2018101087			
78047-US-PCT	United States Of America	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	06/21/2016	15/580920	2018-0168160		
78047-WO-PCT	International Procedure	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	06/21/2016	PCT/US16/038459	WO/2016/209789		
78067-IN-NP	India	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	06/29/2015	1931/DEL/2015	1931/DEL/2015		
78067-IN-PCT	India	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	06/22/2016	201817001498			
78067-US-PCT	United States Of America	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	06/22/2016	15/580912			
78067-WO-PCT	International Procedure	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	06/22/2016	PCT/US16/038598	WO/2017/003772		
78080-CN-PCT	China	IMPROVED PROCESS FOR MAKING AN ANTIMICROBIAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	12/17/2015	201580085272.9	108474170		
78080-IN-PCT	India	IMPROVED PROCESS FOR MAKING AN ANTIMICROBIAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	12/17/2015	201817023802			
78080-US-PCT	United States Of America	IMPROVED PROCESS FOR MAKING AN ANTIMICROBIAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	12/17/2015	15/777683			

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT NUMBER
78267-US-NP	United States Of America	METHOD FOR MEASURING FORMALDEHYDE IN SOLUTIONS CONTAINING CERTAIN FORMALDEHYDE-RELEASING BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	08/11/2016	15/234011	2017-0052155	9995723
78338-BR-PCT	Brazil	METHOD OF PREPARING AN ANTIMICROBIAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	09/26/2016	112018005377-5		
78338-CN-PCT	China	METHOD OF PREPARING AN ANTIMICROBIAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	09/26/2016	201680054027.6	108024530	
78338-EP-EPT	European Procedure (Patents)	METHOD OF PREPARING AN ANTIMICROBIAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	09/26/2016	16777879.4	3355696	
78338-IN-PCT	India	METHOD OF PREPARING AN ANTIMICROBIAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	09/26/2016	201817013043		
78338-JP-PCT	Japan	METHOD OF PREPARING AN ANTIMICROBIAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	09/26/2016	2018-514787		
78338-US-PCT	United States Of America	METHOD OF PREPARING AN ANTIMICROBIAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	09/26/2016	15/756695		
78431-US-NP	United States Of America	SYNERGY ANTIMICROBIAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	09/27/2016	15/277485	2017-0086461	
78466-US-PCT	United States Of America	METHOD AND REAGENTS FOR DETECTING CONTAMINANTS IN OIL AND GAS ENVIRONMENTS	DOW GLOBAL TECHNOLOGIES LLC	09/19/2016	15/760914	US-2018-0251808-A1	
78774-US-NP	United States Of America	METHOD FOR DECREASING THE CONCENTRATION OF SULFATE REDUCING BACTERIA IN AN AQUEOUS SYSTEM	DOW GLOBAL TECHNOLOGIES LLC	12/16/2016	15/381224	2017-0191138	
78919-US-PCT	United States Of America	WOOD TREATMENT METHOD	DOW GLOBAL TECHNOLOGIES LLC	02/15/2017	16/068192		
78919-MO-PCT	International Procedure	WOOD TREATMENT METHOD SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND DIODOMETHYL P-TOLYL SULFONE FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	02/15/2017	PCT/US17/017847	WO/2017/151311	
79168-AU-PCT	Australia		DOW GLOBAL TECHNOLOGIES LLC	03/24/2017	PCT/US17/023942		

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PATENT NUMBER	COUNTRY	TITLE	OWNER	ISSUANCE DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
79168-BR-PCT	Brazil	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND DIODOMETHYL P-TOLYL SULFONE FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	03/24/2017	PCT/US17/023942			
		SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND DIODOMETHYL P-TOLYL SULFONE FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	03/24/2017	PCT/US17/023942			
79168-CN-PCT	China	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND DIODOMETHYL P-TOLYL SULFONE FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	03/24/2017	PCT/US17/023942			
79168-EP-EPT (Patents)	European Procedure	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND DIODOMETHYL P-TOLYL SULFONE FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	03/24/2017	17719949.4			
		SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND DIODOMETHYL P-TOLYL SULFONE FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	03/24/2017	PCT/US17/023942			
79168-IN-PCT	India	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND DIODOMETHYL P-TOLYL SULFONE FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	03/24/2017	PCT/US17/023942			
79168-MX-PCT	Mexico	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND DIODOMETHYL P-TOLYL SULFONE FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	03/24/2017	PCT/US17/023942			
		SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND DIODOMETHYL P-TOLYL SULFONE FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	03/24/2017	PCT/US17/023942			
79168-TH-PCT	Thailand	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND DIODOMETHYL P-TOLYL SULFONE FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	03/24/2017	PCT/US17/023942			
79168-WO-PCT	International Procedure	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND DIODOMETHYL P-TOLYL SULFONE FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	03/24/2017	PCT/US17/023942	WO/2017/172508		
		SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND N-BUTYL-1,2-BENZISOTHAZOLIN-3-ONE FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	03/30/2017	PCT/US17/024953			
79169-AU-PCT	Australia	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND N-BUTYL-1,2-BENZISOTHAZOLIN-3-ONE FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	03/30/2017	PCT/US17/024953			
79169-BR-PCT	Brazil	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND N-BUTYL-1,2-BENZISOTHAZOLIN-3-ONE FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	03/30/2017	PCT/US17/024953			
		SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND N-BUTYL-1,2-BENZISOTHAZOLIN-3-ONE FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	03/30/2017	PCT/US17/024953			

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
79169-CN-PCT	China	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND N-BUTYL-1,2-BENZISOTHAZOLIN-3-ONE FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	03/30/2017	PCT/US17/024953			
79169-EP-EPT	European Procedure (Patents)	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND N-BUTYL-1,2-BENZISOTHAZOLIN-3-ONE FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	03/30/2017	17716416.7			
79169-IN-PCT	India	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND N-BUTYL-1,2-BENZISOTHAZOLIN-3-ONE FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	03/30/2017	PCT/US17/024953			
79169-MX-PCT	Mexico	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND N-BUTYL-1,2-BENZISOTHAZOLIN-3-ONE FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	03/30/2017	PCT/US17/024953			
79169-TH-PCT	Thailand	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND N-BUTYL-1,2-BENZISOTHAZOLIN-3-ONE FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	03/30/2017	PCT/US17/024953			
79169-WO-PCT	International Procedure	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND N-BUTYL-1,2-BENZISOTHAZOLIN-3-ONE FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	03/30/2017	PCT/US17/024953	WO/2017/176543		
79170-AU-PCT	Australia	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND FLUDIOXONIL FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	03/30/2017	PCT/US17/024954			
79170-BR-PCT	Brazil	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND FLUDIOXONIL FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	03/30/2017	PCT/US17/024954			
79170-CN-PCT	China	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND FLUDIOXONIL FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	03/30/2017	PCT/US17/024954			
79170-EP-EPT	European Procedure (Patents)	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND FLUDIOXONIL FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	03/30/2017	17716417.5			

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Patent Number	Country	Title	Inventor	Filing Date	App. Number	Pub. Number	Grant Number
79170-IN-PCT	India	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND FLUDIOXONIL FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	03/30/2017	PCT/US17/024954		
79170-MX-PCT	Mexico	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND FLUDIOXONIL FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	03/30/2017	PCT/US17/024954		
79170-TH-PCT	Thailand	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND FLUDIOXONIL FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	03/30/2017	PCT/US17/024954		
79170-WO-PCT	International Procedure	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND FLUDIOXONIL FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	03/30/2017	PCT/US17/024954	WO/2017/176544	
79369-AU-PCT	Australia	THIABENDAZOLE FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	05/24/2017	PCT/US17/034147		
79369-BR-PCT	Brazil	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND THIABENDAZOLE FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	05/24/2017	PCT/US17/034147		
79369-CN-PCT	China	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND THIABENDAZOLE FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	05/24/2017	PCT/US17/034147		
79369-EP-EPT	European Procedure (Patents)	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND THIABENDAZOLE FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	05/24/2017	PCT/US17/034147		
79369-IN-PCT	India	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND THIABENDAZOLE FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	05/24/2017	PCT/US17/034147		
79369-MX-PCT	Mexico	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND THIABENDAZOLE FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	05/24/2017	PCT/US17/034147		
79369-TH-PCT	Thailand	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND THIABENDAZOLE FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	05/24/2017	PCT/US17/034147		

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Patent Number	Country	Title	Inventor	Filing Date	App. Number	Pub. Number	Grant Number
79369-WO-PCT	International Procedure	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND THIABENDAZOLE FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND CHLOROTHALONIL FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	05/24/2017	PCT/US17/034147	WO/2017/210048	
79370-AU-PCT	Australia	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND CHLOROTHALONIL FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	05/24/2017	PCT/US17/034151		
79370-BR-PCT	Brazil	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND CHLOROTHALONIL FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	05/24/2017	PCT/US17/034151		
79370-CN-PCT	China	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND CHLOROTHALONIL FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	05/24/2017	PCT/US17/034151		
79370-EP-EPT	European Procedure (Patents)	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND CHLOROTHALONIL FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	05/24/2017	PCT/US17/034151		
79370-IN-PCT	India	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND CHLOROTHALONIL FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	05/24/2017	PCT/US17/034151		
79370-MX-PCT	Mexico	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND CHLOROTHALONIL FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	05/24/2017	PCT/US17/034151		
79370-TH-PCT	Thailand	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND CHLOROTHALONIL FOR DRY FILM PROTECTION	DOW GLOBAL TECHNOLOGIES LLC	05/24/2017	PCT/US17/034151		
79370-WO-PCT	International Procedure	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND CHLOROTHALONIL FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF 3-IODO-2-PROPYNYL-BUTYL CARBAMATE AND DIAMINE	DOW GLOBAL TECHNOLOGIES LLC	05/24/2017	PCT/US17/034151	WO 2017/210051	
79470-AU-PCT	Australia	SYNERGISTIC COMBINATION OF 3-IODO-2-PROPYNYL-BUTYL CARBAMATE AND DIAMINE	DOW GLOBAL TECHNOLOGIES LLC	06/28/2017	PCT/US17/039640		
79470-BR-PCT	Brazil	SYNERGISTIC COMBINATION OF 3-IODO-2-PROPYNYL-BUTYL CARBAMATE AND DIAMINE	DOW GLOBAL TECHNOLOGIES LLC	06/28/2017	PCT/US17/039640		

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SEQUENCE	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PUB. NUMBER	GRANT DATE	GRANT NUMBER
79470-CN-PCT	China	SYNERGISTIC COMBINATION OF 3-IODO-2-PROPYNYL- BUTYL CARBAMATE AND DIAMINE	DOW GLOBAL TECHNOLOGIES LLC	06/28/2017	PCT/US17/039640			
79470-EP-EPT (Patents)	European Procedure	SYNERGISTIC COMBINATION OF 3-IODO-2-PROPYNYL- BUTYL CARBAMATE AND DIAMINE	DOW GLOBAL TECHNOLOGIES LLC	06/28/2017	PCT/US17/039640			
79470-IN-PCT	India	SYNERGISTIC COMBINATION OF 3-IODO-2-PROPYNYL- BUTYL CARBAMATE AND DIAMINE	DOW GLOBAL TECHNOLOGIES LLC	06/28/2017	PCT/US17/039640			
79470-JP-PCT	Japan	SYNERGISTIC COMBINATION OF 3-IODO-2-PROPYNYL- BUTYL CARBAMATE AND DIAMINE	DOW GLOBAL TECHNOLOGIES LLC	06/28/2017	PCT/US17/039640			
79470-KR-PCT	SOUTH KOREA	SYNERGISTIC COMBINATION OF 3-IODO-2-PROPYNYL- BUTYL CARBAMATE AND DIAMINE	DOW GLOBAL TECHNOLOGIES LLC	06/28/2017	PCT/US17/039640			
79470-MX-PCT	Mexico	SYNERGISTIC COMBINATION OF 3-IODO-2-PROPYNYL- BUTYL CARBAMATE AND DIAMINE	DOW GLOBAL TECHNOLOGIES LLC	06/28/2017	PCT/US17/039640			
79470-RU-PCT	Russian Federation	SYNERGISTIC COMBINATION OF 3-IODO-2-PROPYNYL- BUTYL CARBAMATE AND DIAMINE	DOW GLOBAL TECHNOLOGIES LLC	06/28/2017	PCT/US17/039640			
79470-TH-PCT	Thailand	SYNERGISTIC COMBINATION OF 3-IODO-2-PROPYNYL- BUTYL CARBAMATE AND DIAMINE	DOW GLOBAL TECHNOLOGIES LLC	06/28/2017	PCT/US17/039640			
79470-WO-PCT	International Procedure	SYNERGISTIC COMBINATION OF 3-IODO-2-PROPYNYL- BUTYL CARBAMATE AND DIAMINE	DOW GLOBAL TECHNOLOGIES LLC	06/28/2017	PCT/US17/039640			WO/2018/005588
79667-WO-PCT	International Procedure	SYNERGISTIC COMBINATION OF ALENACIL COMPOUND AND 1,2- BENZISOTHAZOL-3(2H)-ONE	DOW GLOBAL TECHNOLOGIES LLC	08/23/2017	PCT/US17/048138			WO/2018/044641
79872-WO-PCT	International Procedure	A METHOD FOR DEGRADING 5- CHLORO-2-METHYL-4- ISOTHAZOLIN-3-ONE	DOW GLOBAL TECHNOLOGIES LLC	10/09/2017	PCT/US17/055686			WO/2018/080768
79899-WO-PCT	International Procedure	MICROBICIDAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	09/25/2017	PCT/US17/053203			WO/2018/061971

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT NUMBER
79998-WO-PCT	International Procedure	COLOR STABLE TREATED FABRIC AND METHOD OF MAKING THE SAME	DOW GLOBAL TECHNOLOGIES LLC	12/30/2016	PCT/CN16/113525	WO 2018/120028	
80199-WO-PCT	International Procedure	SYNERGISTIC COMBINATION OF ORTHO-PHENYLPHENOL AND BIS-(3- AMINOPROPYL)DODECYLAMIN E	DOW GLOBAL TECHNOLOGIES LLC	10/25/2017	PCT/US17/058178	WO/2018/118206	
80212-WO-PCT	International Procedure	WOOD PRESERVATIVES SYNERGISTIC COMBINATION OF BIS-(3- AMINOPROPYL)DODECYLAMIN E AND SORBIC ACID	DOW GLOBAL TECHNOLOGIES LLC	03/29/2018	PCT/US18/025046		
80214-WO-PCT	International Procedure	STABLE BIOCIDAL COMPOSITIONS	DOW GLOBAL TECHNOLOGIES LLC	10/25/2017	PCT/US17/058218	WO/2018/118207	
80569-AR-NP	Argentina Gulf Cooperation Council	COMPOSITIONS STABLE BIOCIDAL COMPOSITIONS	TECHNOLOGIES LLC DOW GLOBAL	04/19/2018	20180101007		
80569-GC-GCP	International Procedure	STABLE BIOCIDAL COMPOSITIONS	DOW GLOBAL TECHNOLOGIES LLC	04/17/2018	2018/35153		
80569-WO-PCT	International Procedure	COMPOSITIONS MICROBICIDAL COMPOSITION	TECHNOLOGIES LLC DOW GLOBAL	04/27/2017	PCT/CN17/082115		
80571-WO-PCT	International Procedure	USE OF NON OXIDANT BIOCID FOR THE SELECTIVE RECOVERY OF VALUABLE METALS IN A FROTH FLOTATION PROCESS	TECHNOLOGIES LLC DOW GLOBAL	03/29/2018	PCT/US18/025082		
80579-WO-PCT	International Procedure	METHOD OF USING BIOMOLECULES TO PREDICT SOURING IN OIL FIELD SYSTEMS	TECHNOLOGIES LLC DOW GLOBAL	06/15/2018	PCT/US18/037692		
80779-US-NP	United States Of America	TECHNOLOGIES LLC DOW GLOBAL	05/29/2018	15/991072			
80905-AR-NP	Argentina Gulf Cooperation Council	MICROBICIDAL COMPOSITION TECHNOLOGIES LLC	06/21/2018	20180101740			
80905-GC-GCP	International Procedure	MICROBICIDAL COMPOSITION TECHNOLOGIES LLC	06/26/2018	2018/35339			
80905-WO-PCT	International Procedure	COMPOSITIONS AND METHODS FOR REMEDIATION OF SULFATE REDUCING PROKARYOTES	TECHNOLOGIES LLC DOW GLOBAL	06/06/2018	PCT/US18/036231		
80935-WO-PCT	International Procedure	A METHOD FOR BIOFILM TECHNOLOGIES LLC	07/06/2018	PCT/US18/41066			
80953-WO-PCT	International Procedure	DISPERSAL TECHNOLOGIES LLC	06/15/2018	PCT/US18/037690			

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PATENT NUMBER	COINVENTOR	TITLE	OWNER	PENDING DATE	APP. NUMBER	PRI. NUMBER	GRANT NUMBER
		ANTIMICROBIAL COMPOSITIONS, METHODS OF MAKING, AND METHODS OF USE	DOW GLOBAL TECHNOLOGIES LLC	08/30/2018	16/117,418		
81132-US-NP	United States Of America	USE	TECHNOLOGIES LLC	08/30/2018	16/117,418		
81545-US-PSP	United States Of America	STABILIZATION OF COMPLEXED SILVER ION ON SOFT SURFACES	DOW GLOBAL TECHNOLOGIES LLC	11/16/2017	62/586919		
81688-US-PSP	United States Of America	SYNERGISTIC ANTIMICROBIAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	12/19/2017	62/607434		
81697-US-PSP	United States Of America	STABILIZATION OF DCOIT IN AQUEOUS SYSTEMS	DOW GLOBAL TECHNOLOGIES LLC	12/28/2017	62/611113		
81698-US-PSP	United States Of America	STABILIZATION OF DCOIT IN AQUEOUS SYSTEMS	DOW GLOBAL TECHNOLOGIES LLC	12/28/2017	62/611115		
81938-US-PSP	United States Of America	1,3-BIS(HYDROXYMETHYL)-5,5-DIMETHYLMIDAZOLIDINE-2,4-DIONE WITH GLYOXAL	DOW GLOBAL TECHNOLOGIES LLC	04/16/2018	62/657954		
AM/A02062-AU-PCT	Australia	SYNERGISTIC ANTIMICROBIAL COMPOSITION	TECHNOLOGIES LLC	06/17/2010	2010281595		2010281595
AM/A02062-BR-PCT	Brazil	SYNERGISTIC ANTIMICROBIAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	06/17/2010	112012001716.0		112012001716-0
AM/A02062-CN-PCT	China	SYNERGISTIC ANTIMICROBIAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	06/17/2010	201080033694.9	102469779	201080033694.9
AM/A02062-DE-EPT	Germany	SYNERGISTIC ANTIMICROBIAL COMPOSITION	TECHNOLOGIES LLC	06/17/2010	10728085.1	2458986	08/31/2016 602010036004.0
AM/A02062-FR-EPT	France	SYNERGISTIC ANTIMICROBIAL COMPOSITION	TECHNOLOGIES LLC	06/17/2010	10728085.1	2458986	08/31/2016 2458986
AM/A02062-GB-EPT	United Kingdom	SYNERGISTIC ANTIMICROBIAL COMPOSITION	TECHNOLOGIES LLC	06/17/2010	10728085.1	2458986	08/31/2016 2458986
AM/A02062-IN-PCT	India	SYNERGISTIC ANTIMICROBIAL COMPOSITION	TECHNOLOGIES LLC	06/17/2010	109/DEL.NP/2012	109/DEL.NP/2012	10/27/2016 276654
AM/A02062-JP-PCT	Japan	SYNERGISTIC ANTIMICROBIAL COMPOSITION	TECHNOLOGIES LLC	06/17/2010	2012-522837	2013-500335	05/23/2014 5547286
AM/A02062-RU-PCT	Russian Federation	SYNERGISTIC ANTIMICROBIAL COMPOSITION	TECHNOLOGIES LLC	06/17/2010	2012106879		06/17/2013 2499387
AM/A02062-US-PCD	United States Of America	SYNERGISTIC ANTIMICROBIAL COMPOSITION	TECHNOLOGIES LLC	09/13/2013	14/025862	2014-0018322	12/24/2013 8613941
AM/A02062-US-PCT	United States Of America	SYNERGISTIC ANTIMICROBIAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	06/17/2010	13/382407	2012-0108546	10/15/2013 8557266
AM/A02066-BR-PCT	Brazil	SYNERGISTIC ANTIMICROBIAL COMPOSITION	TECHNOLOGIES LLC	07/29/2010	112012002610.0	112012002610-0	02/14/2017 112012002610-0
AM/A02066-DE-EPT	Germany	SYNERGISTIC ANTIMICROBIAL COMPOSITION	TECHNOLOGIES LLC	07/29/2010	10742365.9	2461693	09/11/2013 602010010228.9
AM/A02066-FR-EPT	France	SYNERGISTIC ANTIMICROBIAL COMPOSITION	TECHNOLOGIES LLC	07/29/2010	10742365.9	2461693	09/11/2013 2461693

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PATENT NO.	COUNTRY	INVENTOR	OWNER	PENDING DATE	APP. NUMBER	REF. NUMBER	GRANT NUMBER
AM/A02066-GB-EPT	United Kingdom	SYNERGISTIC ANTIMICROBIAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	07/29/2010	10742365.9	2461693	2461693
AM/A02066-IN-PCT	India	SYNERGISTIC ANTIMICROBIAL COMPOSITION	TECHNOLOGIES LLC	07/29/2010	331/DEL/NP/2012	331/DEL/NP/2012	284599
AM/A02066-MX-PCT	Mexico	SYNERGISTIC ANTIMICROBIAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	07/29/2010	MX/4/12/001498		313833
AM/A02066-PL-EPT	Poland	SYNERGISTIC ANTIMICROBIAL COMPOSITION	TECHNOLOGIES LLC	07/29/2010	10742365.9	2461693	2461693
AM/A02066-RU-PCT	Russian Federation	SYNERGISTIC ANTIMICROBIAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	07/29/2010	2012108157		2518290
AM/A02066-TR-EPT	Turkey	SYNERGISTIC ANTIMICROBIAL COMPOSITION	TECHNOLOGIES LLC	07/29/2010	10742365.9	2461693	2461693
AM/A02066-US-PCT	United States Of America	SYNERGISTIC ANTIMICROBIAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	07/29/2010	13/389084	2012-0136010	8569315
AM/A02072-AU-PCT	Australia	SYNERGISTIC ANTIMICROBIAL COMPOSITION	TECHNOLOGIES INC	09/13/2010	2010298611		2010298611
AM/A02072-BR-PCT	Brazil	SYNERGISTIC ANTIMICROBIAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	09/13/2010	1120120066714	112012006671-4	112012006671-4
AM/A02072-CN-PCT	China	SYNERGISTIC ANTIMICROBIAL COMPOSITION	TECHNOLOGIES LLC	09/13/2010	201080043265.X	102695415	201080043265.X
AM/A02072-DE-EPT	Germany	SYNERGISTIC ANTIMICROBIAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	09/13/2010	10757130.9	2458993	602010031769.2
AM/A02072-FR-EPT	France	SYNERGISTIC ANTIMICROBIAL COMPOSITION	TECHNOLOGIES LLC	09/13/2010	10757130.9	2458993	2458993
AM/A02072-GB-EPT	United Kingdom	SYNERGISTIC ANTIMICROBIAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	09/13/2010	10757130.9	2458993	2458993
AM/A02072-IN-PCT	India	SYNERGISTIC ANTIMICROBIAL COMPOSITION	TECHNOLOGIES LLC	09/13/2010	3518/DEL/NP/2012		278236
AM/A02072-JP-PCT	Japan	SYNERGISTIC ANTIMICROBIAL COMPOSITION	TECHNOLOGIES LLC	09/13/2010	2012-529811	2013-504620	5449562
AM/A02072-RU-PCT	Russian Federation	SYNERGISTIC ANTIMICROBIAL COMPOSITION	TECHNOLOGIES LLC	09/13/2010	2012116402		2523522
AM/A02072-US-PCT	United States Of America	SYNERGISTIC ANTIMICROBIAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	09/13/2010	13/496945	2012-0178722	8598147
AM/A02073-AU-PCD	Australia	SYNERGISTIC ANTIMICROBIAL COMPOSITION	TECHNOLOGIES LLC	09/23/2013	2013231143		2013231143
AM/A02073-AU-PCT	Australia	SYNERGISTIC ANTIMICROBIAL COMPOSITION	TECHNOLOGIES LLC	09/15/2010	2010298539		2010298539
AM/A02073-BR-PCT	Brazil	SYNERGISTIC ANTIMICROBIAL COMPOSITION	TECHNOLOGIES LLC	09/15/2010	112012006668-4	112012006668-4	112012006668-4
AM/A02073-CN-PCD	China	SYNERGISTIC ANTIMICROBIAL COMPOSITION CONTAINING ORTHO - PHENYLENEOL AND FORMALDEHYDE RELEASING BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	10/09/2013	201310467483.1	103518716	201310467483.1

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SCHEDULE A **PATENTS**

PATENT NUMBER	COUNTRY	TITLE	OWNER	PENDING DATE	APP. NUMBER	PIF. NUMBER	GRANT DATE	GRANT NUMBER
AM/A02073-CN-PCT	China	SYNERGISTIC ANTIMICROBIAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	09/15/2010	201080043271.5	102711459	07/09/2014	102711459
AM/A02073-DE-ETD	Germany	SYNERGISTIC ANTIMICROBIAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	06/13/2013	13171884.3	2687092	03/04/2015	602010022961.0
AM/A02073-FR-ETD	France	SYNERGISTIC ANTIMICROBIAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	06/13/2013	13171884.3	2687092	03/04/2015	2687092
AM/A02073-GB-ETD	United Kingdom	SYNERGISTIC ANTIMICROBIAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	06/13/2013	13171884.3	2687092	03/04/2015	2687092
AM/A02073-IN-PCT	India	SYNERGISTIC ANTIMICROBIAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	09/15/2010	1949/DEL/NP/2012	1949/DEL/NP/2012	09/28/2016	275978
AM/A02073-JP-PCT	Japan	COMPOSITION CONTAINING ORTHO - PHENYLPHENOL AND FORMALDEHYDE RELEASING BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	09/15/2010	2012-529857	2013-504624	01/10/2014	5449563
AM/A02073-PL-ETD	Poland	SYNERGISTIC ANTIMICROBIAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	06/13/2013	13171884.3	2687092	03/04/2015	2687092
AM/A02073-RU-PCT	Russian Federation	SYNERGISTIC ANTIMICROBIAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	09/15/2010	2012116401		02/26/2014	2525727
AM/A02073-US-PCT	United States Of America	SYNERGISTIC ANTIMICROBIAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	09/15/2010	13/496946	2012-0184436	05/21/2013	8445521
AM/A02074-AU-PCT	Australia	SYNERGISTIC ANTIMICROBIAL COMPOSITION CONTAINING GLUTARALDEHYDE AND DIMETHOXANE (2, 6 -DIMETHYL -DIOXAN- 4 -YL ACETATE)	DOW GLOBAL TECHNOLOGIES LLC	09/15/2010	2010300957		05/23/2013	2010300957
AM/A02074-BR-PCT	Brazil	SYNERGISTIC ANTIMICROBIAL COMPOSITION CONTAINING GLUTARALDEHYDE AND DIMETHOXANE (2, 6 -DIMETHYL -DIOXAN- 4 -YL ACETATE)	DOW GLOBAL TECHNOLOGIES LLC	09/15/2010	112012006672-2	112012006672-2	01/02/2018	112012006672-2
AM/A02074-CN-PCT	China	SYNERGISTIC ANTIMICROBIAL COMPOSITION CONTAINING GLUTARALDEHYDE AND DIMETHOXANE (2, 6 -DIMETHYL -DIOXAN- 4 -YL ACETATE)	DOW GLOBAL TECHNOLOGIES LLC	09/15/2010	201080044968.4	102724871	02/05/2014	201080044968.4
AM/A02074-DE-EPT	Germany	SYNERGISTIC ANTIMICROBIAL COMPOSITION CONTAINING GLUTARALDEHYDE AND DIMETHOXANE (2, 6 -DIMETHYL -DIOXAN- 4 -YL ACETATE)	TECHNOLOGIES LLC	09/15/2010	10757133.3	2458987	07/10/2013	602010008490.6

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APP. NUMBER	CO. NUMBER	FILED	GRANT DATE	APP. NUMBER	PAT. NUMBER	GRANT DATE	GRANT NUMBER
AM/A02074-FR-EPT	France	SYNERGISTIC ANTIMICROBIAL COMPOSITION CONTAINING GLUTARALDEHYDE AND DIMETHOXANE (2, 6 -DIMETHYL- DOW GLOBAL	09/15/2010	10757133.3	2458987	07/10/2013	2458987
		1, 3 -DIOXAN- 4 -YL ACETATE) TECHNOLOGIES LLC					
		SYNERGISTIC ANTIMICROBIAL COMPOSITION CONTAINING GLUTARALDEHYDE AND DIMETHOXANE (2, 6 -DIMETHYL- DOW GLOBAL					
AM/A02074-GB-EPT	United Kingdom	1, 3 -DIOXAN- 4 -YL ACETATE) TECHNOLOGIES LLC	09/15/2010	10757133.3	2458987	07/10/2013	2458987
		SYNERGISTIC ANTIMICROBIAL COMPOSITION CONTAINING GLUTARALDEHYDE AND DIMETHOXANE (2, 6 -DIMETHYL- DOW GLOBAL					
		1, 3 -DIOXAN- 4 -YL ACETATE) TECHNOLOGIES LLC					
AM/A02074-IN-PCT	India	SYNERGISTIC ANTIMICROBIAL COMPOSITION CONTAINING GLUTARALDEHYDE AND DIMETHOXANE (2, 6 -DIMETHYL- DOW GLOBAL	09/15/2010	1950/DEL/NP/2012	1950/DEL/NP/2012	04/21/2017	282673
		1, 3 -DIOXAN- 4 -YL ACETATE) TECHNOLOGIES LLC					
		SYNERGISTIC ANTIMICROBIAL COMPOSITION CONTAINING GLUTARALDEHYDE AND DIMETHOXANE (2, 6 -DIMETHYL- DOW GLOBAL					
AM/A02074-JP-PCT	Japan	1, 3 -DIOXAN- 4 -YL ACETATE) TECHNOLOGIES LLC	09/15/2010	2012-529858	2013-504625	09/06/2013	5356601
		SYNERGISTIC ANTIMICROBIAL COMPOSITION CONTAINING GLUTARALDEHYDE AND DIMETHOXANE (2, 6 -DIMETHYL- DOW GLOBAL					
		1, 3 -DIOXAN- 4 -YL ACETATE) TECHNOLOGIES LLC					
AM/A02074-RU-PCT	Russian Federation	SYNERGISTIC ANTIMICROBIAL COMPOSITION CONTAINING GLUTARALDEHYDE AND DIMETHOXANE (2, 6 -DIMETHYL- DOW GLOBAL	09/15/2010	2012117570		12/20/2013	2501218
		1, 3 -DIOXAN- 4 -YL ACETATE) TECHNOLOGIES LLC					
		SYNERGISTIC ANTIMICROBIAL COMPOSITION CONTAINING GLUTARALDEHYDE AND DIMETHOXANE (2, 6 -DIMETHYL- DOW GLOBAL					
AM/A02074-US-PCT	United States Of America	1, 3 -DIOXAN- 4 -YL ACETATE) TECHNOLOGIES LLC	09/15/2010	13/496953	2012-0178800	10/15/2013	8557862
		SYNERGISTIC ANTIMICROBIAL COMPOSITION CONTAINING GLUTARALDEHYDE AND DIMETHOXANE (2, 6 -DIMETHYL- DOW GLOBAL					
		1, 3 -DIOXAN- 4 -YL ACETATE) TECHNOLOGIES LLC					
AM/A02080-AU-PCT	Australia	SYNERGISTIC ANTIMICROBIAL COMPOSITION CONTAINING GLUTARALDEHYDE AND DIMETHOXANE (2, 6 -DIMETHYL- DOW GLOBAL	10/10/2013	2013242826			
		1, 3 -DIOXAN- 4 -YL ACETATE) TECHNOLOGIES LLC					
		SYNERGISTIC ANTIMICROBIAL COMPOSITION CONTAINING GLUTARALDEHYDE AND DIMETHOXANE (2, 6 -DIMETHYL- DOW GLOBAL					
AM/A02080-AU-PCD[2]	Australia	SYNERGISTIC ANTIMICROBIAL COMPOSITION CONTAINING GLUTARALDEHYDE AND DIMETHOXANE (2, 6 -DIMETHYL- DOW GLOBAL	10/10/2013	2013242825		05/21/2015	2013242825
		1, 3 -DIOXAN- 4 -YL ACETATE) TECHNOLOGIES LLC					
		SYNERGISTIC ANTIMICROBIAL COMPOSITION CONTAINING GLUTARALDEHYDE AND DIMETHOXANE (2, 6 -DIMETHYL- DOW GLOBAL					
AM/A02080-AU-PCT	Australia	SYNERGISTIC ANTIMICROBIAL COMPOSITION CONTAINING GLUTARALDEHYDE AND DIMETHOXANE (2, 6 -DIMETHYL- DOW GLOBAL	10/08/2010	2010308421		02/20/2014	2010308421
		1, 3 -DIOXAN- 4 -YL ACETATE) TECHNOLOGIES LLC					
		SYNERGISTIC ANTIMICROBIAL COMPOSITION CONTAINING GLUTARALDEHYDE AND DIMETHOXANE (2, 6 -DIMETHYL- DOW GLOBAL					
AM/A02080-BR-PCD	Brazil	SYNERGISTIC ANTIMICROBIAL COMPOSITION CONTAINING GLUTARALDEHYDE AND DIMETHOXANE (2, 6 -DIMETHYL- DOW GLOBAL	04/20/2017	122017008236-1		01/16/2018	122017008236-1
		1, 3 -DIOXAN- 4 -YL ACETATE) TECHNOLOGIES LLC					
		SYNERGISTIC ANTIMICROBIAL COMPOSITION CONTAINING GLUTARALDEHYDE AND DIMETHOXANE (2, 6 -DIMETHYL- DOW GLOBAL					
AM/A02080-BR-PCT	Brazil	SYNERGISTIC ANTIMICROBIAL COMPOSITION CONTAINING GLUTARALDEHYDE AND DIMETHOXANE (2, 6 -DIMETHYL- DOW GLOBAL	10/08/2010	112012009146-8	112012009146-8	11/07/2017	112012009146-8
		1, 3 -DIOXAN- 4 -YL ACETATE) TECHNOLOGIES LLC					
		SYNERGISTIC ANTIMICROBIAL COMPOSITION CONTAINING GLUTARALDEHYDE AND DIMETHOXANE (2, 6 -DIMETHYL- DOW GLOBAL					

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AM/NO	INVENTOR	TITLE	OWNER	PENDING DATE	APP. NUMBER	PRI. NUMBER	GRANT NUMBER
AM/A02080-CN-PCD	China	SYNERGISTIC ANTIMICROBIAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	07/09/2013	201310287415.7	103340212	
AM/A02080-CN-PCD[2]	China	SYNERGISTIC ANTIMICROBIAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	07/09/2013	201310286540.6	103329933	01/14/2015 201310286540.6
AM/A02080-DE-EPT	Germany	SYNERGISTIC ANTIMICROBIAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	10/08/2010	10766196.9	2485588	12/11/2013 602010012398.7
AM/A02080-DE-ETD	Germany	SYNERGISTIC ANTIMICROBIAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	06/19/2013	13172706.7	2681998	03/04/2015 602010022962.9
AM/A02080-DE-ETD[2]	Germany	SYNERGISTIC ANTIMICROBIAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	06/19/2013	13172707.5	2695518	07/15/2015 602010025987.0
AM/A02080-FR-EPT	France	SYNERGISTIC ANTIMICROBIAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	10/08/2010	10766196.9	2485588	12/11/2013 2485588
AM/A02080-FR-ETD	France	SYNERGISTIC ANTIMICROBIAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	06/19/2013	13172706.7	2681998	03/04/2015 2681998
AM/A02080-FR-ETD[2]	France	SYNERGISTIC ANTIMICROBIAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	06/19/2013	13172707.5	2695518	07/15/2015 2695518
AM/A02080-GB-EPT	United Kingdom	SYNERGISTIC ANTIMICROBIAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	10/08/2010	10766196.9	2485588	12/11/2013 2485588
AM/A02080-GB-ETD	United Kingdom	SYNERGISTIC ANTIMICROBIAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	06/19/2013	13172706.7	2681998	03/04/2015 2681998
AM/A02080-GB-ETD[2]	United Kingdom	SYNERGISTIC ANTIMICROBIAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	06/19/2013	13172707.5	2695518	07/15/2015 2695518
AM/A02080-IN-PCT	India	SYNERGISTIC ANTIMICROBIAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	10/08/2010	3567/DEL NP/2012	3567/DEL NP/2012	03/24/2017 281732
AM/A02080-JP-PCD	Japan	SYNERGISTIC ANTIMICROBIAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	11/07/2014	2014-226892	2015-061849	
AM/A02080-JP-PCD[2]	Japan	SYNERGISTIC ANTIMICROBIAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	10/28/2016	2016-211842	2017-052771	04/27/2018 6328726
AM/A02080-JP-PCT	Japan	SYNERGISTIC ANTIMICROBIAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	10/08/2010	2012-535228	2013-508369	01/09/2015 5677445
AM/A02080-PL-EPT	Poland	SYNERGISTIC ANTIMICROBIAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	10/08/2010	10766196.9	2485588	12/11/2013 2485588
AM/A02080-PL-ETD	Poland	SYNERGISTIC ANTIMICROBIAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	06/19/2013	13172706.7	2681998	03/04/2015 2681998
AM/A02080-PL-ETD[2]	Poland	SYNERGISTIC ANTIMICROBIAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	06/19/2013	13172707.5	2695518	07/15/2015 2695518
AM/A02080-RU-PCT	Russian Federation	SYNERGISTIC ANTIMICROBIAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	10/08/2010	2012120578		08/20/2014 2525921
AM/A02080-US-PCD	United States Of America	SYNERGISTIC ANTIMICROBIAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	02/10/2016	15/040019	2016-0198719	06/27/2017 9686996
AM/A02080-US-PCT	United States Of America	SYNERGISTIC ANTIMICROBIAL COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	10/08/2010	13/500220	2012-0196836	03/22/2016 9290710
44243-BR-PCT	Brazil	HAZE-FREE CELLULOSE ETHER CAPSULES AND PROCESS FOR MAKING	DOW GLOBAL TECHNOLOGIES INC	04/12/2000	P10011141.4		12/28/2010 P10011141.4

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44243-CA-PCT	Canada	HAZE-FREE CELLULOSE ETHER CAPSULES AND PROCESS FOR MAKING	DOW GLOBAL TECHNOLOGIES INC	04/12/2000	2370294	2370294	12/02/2008 2370294
44243-CO-NP	Colombia	HAZE-FREE CELLULOSE ETHER CAPSULES AND PROCESS FOR MAKING	DOW GLOBAL TECHNOLOGIES INC	04/19/2000	00029095	467	10/24/2006 28632
44243-DE-EPT	Germany	HAZE-FREE CELLULOSE ETHER CAPSULES AND PROCESS FOR MAKING	DOW GLOBAL TECHNOLOGIES INC	04/12/2000	00925943.3	1173487	08/30/2006 1173487
44243-ES-EPT	Spain	HAZE-FREE CELLULOSE ETHER CAPSULES AND PROCESS FOR MAKING	DOW GLOBAL TECHNOLOGIES INC	04/12/2000	00925943.3	1173487	08/30/2006 ES2265937
44243-FR-EPT	France	HAZE-FREE CELLULOSE ETHER CAPSULES AND PROCESS FOR MAKING	DOW GLOBAL TECHNOLOGIES INC	04/12/2000	00925943.3	1173487	08/30/2006 1173487
44243-GB-EPT	United Kingdom	HAZE-FREE CELLULOSE ETHER CAPSULES AND PROCESS FOR MAKING	DOW GLOBAL TECHNOLOGIES INC	04/12/2000	00925943.3	1173487	08/30/2006 1173487
44243-IT-EPT	Italy	HAZE-FREE CELLULOSE ETHER CAPSULES AND PROCESS FOR MAKING	DOW GLOBAL TECHNOLOGIES INC	04/12/2000	00925943.3	1173487	08/30/2006 1173487
44243-JP-PCT	Japan	HAZE-FREE CELLULOSE ETHER CAPSULES AND PROCESS FOR MAKING	DOW GLOBAL TECHNOLOGIES INC	04/07/2010	2010-088970	2010-222585	05/20/2011 4746139
44243-MX-PCT	Mexico	HAZE-FREE CELLULOSE ETHER CAPSULES AND PROCESS FOR MAKING	DOW GLOBAL TECHNOLOGIES INC	04/12/2000	2001/010649		07/08/2004 221317
44413-BE-EPT	Belgium	PROCESS AND APPARATUS FOR MAKING LOW MOLECULAR WEIGHT CELLULOSE ETHERS	DOW GLOBAL TECHNOLOGIES INC	10/07/1999	99953103.1	1141029	05/28/2003 1141029
44413-DE-EPT	Germany	PROCESS AND APPARATUS FOR MAKING LOW MOLECULAR WEIGHT CELLULOSE ETHERS	DOW GLOBAL TECHNOLOGIES INC	10/07/1999	99953103.1	1141029	05/28/2003 69908416.4
44413-ES-EPT	Spain	PROCESS AND APPARATUS FOR MAKING LOW MOLECULAR WEIGHT CELLULOSE ETHERS	DOW GLOBAL TECHNOLOGIES INC	10/07/1999	99953103.1	1141029	05/28/2003 1141029
44413-FR-EPT	France	PROCESS AND APPARATUS FOR MAKING LOW MOLECULAR WEIGHT CELLULOSE ETHERS	DOW GLOBAL TECHNOLOGIES INC	10/07/1999	99953103.1	1141029	05/28/2003 1141029
44413-GB-EPT	United Kingdom	PROCESS AND APPARATUS FOR MAKING LOW MOLECULAR WEIGHT CELLULOSE ETHERS	DOW GLOBAL TECHNOLOGIES INC	10/07/1999	99953103.1	1141029	05/28/2003 1141029

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
44413-IT-EPT	Italy	PROCESS AND APPARATUS FOR MAKING LOW MOLECULAR WEIGHT CELLULOSE ETHERS	DOW GLOBAL TECHNOLOGIES INC	10/07/1999	99953103.1	1141029	05/28/2003	1141029
44413-JP-PCT	Japan	PROCESS AND APPARATUS FOR MAKING LOW MOLECULAR WEIGHT CELLULOSE ETHERS	DOW GLOBAL TECHNOLOGIES LLC	10/07/1999	2000-585277		10/26/2012	5117646
44413-MX-PCT	Mexico	PROCESS AND APPARATUS FOR MAKING LOW MOLECULAR WEIGHT CELLULOSE ETHERS	DOW GLOBAL TECHNOLOGIES INC	10/07/1999	2001/005517		01/12/2004	218653
44413-NL-EPT	Netherlands	PROCESS AND APPARATUS FOR MAKING LOW MOLECULAR WEIGHT CELLULOSE ETHERS	DOW GLOBAL TECHNOLOGIES INC	10/07/1999	99953103.1	1141029	05/28/2003	1141029
44554-BE-EPT	Belgium	CELLULOSE ETHER HAVING ENHANCED GEL STRENGTH AND COMPOSITIONS	DOW GLOBAL TECHNOLOGIES INC	03/31/2000	00918528.1	1171471	12/17/2003	1171471
44554-DE-EPT	Germany	CELLULOSE ETHER HAVING ENHANCED GEL STRENGTH AND COMPOSITIONS	DOW GLOBAL TECHNOLOGIES INC	03/31/2000	00918528.1	1171471	12/17/2003	60007298.3
44554-GB-EPT	United Kingdom	CELLULOSE ETHER HAVING ENHANCED GEL STRENGTH AND COMPOSITIONS	DOW GLOBAL TECHNOLOGIES INC	03/31/2000	00918528.1	1171471	12/17/2003	1171471
44554-JP-PCD[3]	Japan	CELLULOSE ETHER HAVING ENHANCED GEL STRENGTH AND COMPOSITIONS	DOW GLOBAL TECHNOLOGIES LLC	12/19/2011	2011-277398	2012-097269		
44554-JP-PCD[4]	Japan	CELLULOSE ETHER HAVING ENHANCED GEL STRENGTH AND COMPOSITIONS	DOW GLOBAL TECHNOLOGIES LLC	11/19/2014	2014-234552	2015-071779	04/15/2016	5918339
44554-KR-PCT	SOUTH KOREA	CELLULOSE ETHER HAVING ENHANCED GEL STRENGTH AND COMPOSITIONS	DOW GLOBAL TECHNOLOGIES INC	03/31/2000	10-2001-7012491	10-2002-0000794	12/20/2006	0661918
44554-MX-PCT	Mexico	CELLULOSE ETHER HAVING ENHANCED GEL STRENGTH AND COMPOSITIONS	DOW GLOBAL TECHNOLOGIES INC	03/31/2000	PA/A/01/009920		08/01/2006	239127

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	INT. CLASS.	GRANT DATE	GRANT NUMBER
44554-NL-EPT	Netherlands	CELLULOSE ETHER HAVING ENHANCED GEL STRENGTH AND COMPOSITIONS CONTAINING IT PROCESS FOR MAKING CELLULOSE ETHERS HAVING REDUCED YELLOWING AND DISCOLORATION	DOW GLOBAL TECHNOLOGIES INC	03/31/2000	00918528.1	1171471	12/17/2003	1171471
60035-BE-EPT	Belgium	PROCESS FOR MAKING CELLULOSE ETHERS HAVING REDUCED YELLOWING AND DISCOLORATION	DOW GLOBAL TECHNOLOGIES INC	05/26/2000	00936349.0	1194452	05/21/2003	1194452
60035-CN-PCT	China	PROCESS FOR MAKING CELLULOSE ETHERS HAVING REDUCED YELLOWING AND DISCOLORATION	DOW GLOBAL TECHNOLOGIES INC	05/26/2000	00808165.4	1353720	04/21/2004	00808165.4
60035-DE-EPT	Germany	CELLULOSE ETHERS HAVING REDUCED YELLOWING AND DISCOLORATION	DOW GLOBAL TECHNOLOGIES INC	05/26/2000	00936349.0	1194452	05/21/2003	60002871.2
60035-FR-EPT	France	PROCESS FOR MAKING CELLULOSE ETHERS HAVING REDUCED YELLOWING AND DISCOLORATION	DOW GLOBAL TECHNOLOGIES INC	05/26/2000	00936349.0	1194452	05/21/2003	1194452
60035-IN-PCT	India	CELLULOSE ETHERS HAVING REDUCED YELLOWING AND DISCOLORATION	DOW GLOBAL TECHNOLOGIES INC	05/26/2000	PCT/01/1777/CHE		11/13/2007	211982
60035-JP-PCT	Japan	PROCESS FOR MAKING CELLULOSE ETHERS HAVING REDUCED YELLOWING AND DISCOLORATION	DOW GLOBAL TECHNOLOGIES LLC	05/26/2000	2001-506689		04/05/2013	5236849
60035-KR-PCT	SOUTH KOREA	CELLULOSE ETHERS HAVING REDUCED YELLOWING AND DISCOLORATION	DOW GLOBAL TECHNOLOGIES INC	05/26/2000	2001-7016602	10-2002-0016847	12/21/2006	0662225
60035-MX-PCT	Mexico	PROCESS FOR MAKING CELLULOSE ETHERS HAVING REDUCED YELLOWING AND DISCOLORATION	DOW GLOBAL TECHNOLOGIES INC	05/26/2000	2001/012909		07/08/2004	221319
60035-NL-EPT	Netherlands	CELLULOSE ETHERS HAVING REDUCED YELLOWING AND DISCOLORATION	DOW GLOBAL TECHNOLOGIES INC	05/26/2000	00936349.0	1194452	05/21/2003	1194452
60675A-US-PCT	United States Of America	PROCESS FOR PREPARING ALKYL HYDROXY ALKYL CELLULOSE ETHERS	DOW GLOBAL TECHNOLOGIES LLC	03/04/2002	10/468959	2004-0102625	02/28/2006	7005515
63669A-CA-PCT	Canada	PRODUCTION OF LOW MOLECULAR ETHYLCELLULOSE TECHNOLOGIES LLC	DOW GLOBAL TECHNOLOGIES LLC	03/07/2005	2563232	2563232	10/02/2012	2563232

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PATENT NUMBER	IPC CLASS	INVENTOR	INVENTOR NAME	INVENTOR ADDRESS	INVENTOR CITY	INVENTOR STATE	INVENTOR ZIP	INVENTOR COUNTRY	GRANT NUMBER
63669A-CN-PCT	China	PRODUCTION OF LOW MOLECULAR ETHYLCELLULOSE	TECHNOLOGIES INC	03/07/2005	200580017145.1			05/26/2010	200580017145.1
63669A-EP-EPT	European Procedure (Patents)	PRODUCTION OF LOW MOLECULAR ETHYLCELLULOSE	TECHNOLOGIES LLC	03/07/2005	05724853.6			1758938	
63669A-KR-PCT	SOUTH KOREA	PRODUCTION OF LOW MOLECULAR ETHYLCELLULOSE	TECHNOLOGIES LLC	03/07/2005	10-2006-7024764			03/05/2013	10-1241845
63669A-US-PCT	United States Of America	PRODUCTION OF LOW MOLECULAR ETHYLCELLULOSE	TECHNOLOGIES LLC	03/07/2005	10/591930			2007-0179292	
64177A-CN-PCT	China	PROCESSES AND CATALYSTS FOR MAKING THEM	DOW GLOBAL TECHNOLOGIES INC	09/06/2007	200780038201.9			06/01/2011	200780038201.9
64177A-JP-PCT	Japan	POLYOXIRANES AND PROCESSES AND CATALYSTS FOR MAKING THEM	DOW GLOBAL TECHNOLOGIES LLC	09/06/2007	2009-532342			2010-506032	01/11/2013 5171832
64435A-BR-PCT	Brazil	GRANULAR MATERIAL FOR DOSAGE FORMS	TECHNOLOGIES INC	02/28/2008	P10809282.6			P10809282.6	
64435A-CN-PCT	China	GRANULAR MATERIAL FOR DOSAGE FORMS	TECHNOLOGIES INC	02/28/2008	200880011892.8			101657186	07/18/2012 200880011892.8
64435A-EP-EPT	European Procedure (Patents)	GRANULAR MATERIAL FOR DOSAGE FORMS	DOW GLOBAL TECHNOLOGIES LLC	02/28/2008	08730949.8			2146696	
64435A-IN-PCT	India	GRANULAR MATERIAL FOR DOSAGE FORMS	TECHNOLOGIES LLC	02/28/2008	6047/CHE/MP/2009				
64435A-JP-PCT	Japan	GRANULAR MATERIAL FOR DOSAGE FORMS	TECHNOLOGIES LLC	02/28/2008	2010-503103			2010-523688	09/12/2014 5612462
64435A-US-PCD	United States Of America	GRANULAR MATERIAL FOR DOSAGE FORMS	TECHNOLOGIES LLC	06/27/2014	14/316879			2014-0308356	05/23/2017 9655851
64435A-US-PCT	United States Of America	GRANULAR MATERIAL FOR DOSAGE FORMS	DOW GLOBAL TECHNOLOGIES LLC	02/28/2008	12/595627			2010-0151038	11/04/2014 8877249
64522A-CN-PCT	China	PROCESS FOR REDUCING THE AVERAGE MOLECULAR WEIGHT OF CELLULOSE ETHERS	DOW GLOBAL TECHNOLOGIES LLC	04/23/2007	200780021598.0			101466739	07/27/2011 200780021598.0
64522A-IN-PCT	India	PROCESS FOR REDUCING THE AVERAGE MOLECULAR WEIGHT OF CELLULOSE ETHERS	DOW GLOBAL TECHNOLOGIES LLC	04/23/2007	6845/CHE/MP/2008				03/17/2017 282504
64522A-JP-PCT	Japan	PROCESS FOR REDUCING THE AVERAGE MOLECULAR WEIGHT OF CELLULOSE ETHERS	DOW GLOBAL TECHNOLOGIES LLC	04/23/2007	2009-515388			2009-540098	03/22/2013 5226677

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT NUMBER
64522A-KR-PCT	SOUTH KOREA	PROCESS FOR REDUCING THE AVERAGE MOLECULAR WEIGHT OF CELLULOSE ETHERS	DOW GLOBAL TECHNOLOGIES LLC	04/23/2007	2008-7030302		10-1404282
64522A-MX-PCT	Mexico	PROCESS FOR REDUCING THE AVERAGE MOLECULAR WEIGHT OF CELLULOSE ETHERS	DOW GLOBAL TECHNOLOGIES LLC	04/23/2007	MX/a/2008/015896	MX/a/2008/015896	02/02/2012 295624
64522A-US-PCT	United States Of America	PROCESS FOR REDUCING THE AVERAGE MOLECULAR WEIGHT OF CELLULOSE ETHERS	DOW GLOBAL TECHNOLOGIES LLC	04/23/2007	12/304478	2010-0063269	10/29/2013 8569479
64655A-BE-EPT	Belgium	THE PREPARATION OF CELLULOSE POWDER	DOW GLOBAL TECHNOLOGIES LLC	04/12/2007	07775308.5	2024397	06/08/2016 2024397
64655A-CN-PCT	China	USE OF SPECIAL SCREENS IN THE PREPARATION OF CELLULOSE POWDER	DOW GLOBAL TECHNOLOGIES LLC	04/12/2007	200780016926.8	101443362	01/25/2012 200780016926.8
64655A-DE-EPT	Germany	THE PREPARATION OF CELLULOSE POWDER	DOW GLOBAL TECHNOLOGIES LLC	04/12/2007	07775308.5	2024397	06/08/2016 602007046603.2
64655A-JP-PCT	Japan	THE PREPARATION OF CELLULOSE POWDER	DOW GLOBAL TECHNOLOGIES LLC	04/12/2007	2009-510945	2009-537309	
64655A-KR-PCT	SOUTH KOREA	THE PREPARATION OF CELLULOSE POWDER	DOW GLOBAL TECHNOLOGIES LLC	04/12/2007	2008-7027980		09/22/2014 10-1445270
64655A-MX-PCT	Mexico	USE OF SPECIAL SCREENS IN THE PREPARATION OF CELLULOSE POWDER	DOW GLOBAL TECHNOLOGIES LLC	04/12/2007	MX/a/08/014634	MX/a/08/014634	06/03/2015 330486
65043A-CH-EPT	Switzerland	IN SITU, LIQUID-ACTIVATED FILM COATED TABLETS AND A PROCESS FOR MAKING THE SAME	DOW GLOBAL TECHNOLOGIES LLC	06/02/2008	08756594.1	2164343	12/09/2015 2164343
65043A-CN-PCT	China	IN SITU, LIQUID-ACTIVATED FILM COATED TABLETS AND A PROCESS FOR MAKING THE SAME	DOW GLOBAL TECHNOLOGIES INC	06/02/2008	200880022518.8	101686714	11/27/2013 200880022518.8
65043A-DE-EPT	Germany	IN SITU, LIQUID-ACTIVATED FILM COATED TABLETS AND A PROCESS FOR MAKING THE SAME	DOW GLOBAL TECHNOLOGIES LLC	06/02/2008	08756594.1	2164343	12/09/2015 2164343
65043A-FR-EPT	France	IN SITU, LIQUID-ACTIVATED FILM COATED TABLETS AND A PROCESS FOR MAKING THE SAME	DOW GLOBAL TECHNOLOGIES LLC	06/02/2008	08756594.1	2164343	12/09/2015 2164343

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PATENT NUMBER	INVENTOR	TITLE	ORGANIZATION	ISSUING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
65043A-GB-EPT	United Kingdom	IN SITU, LIQUID-ACTIVATED FILM COATED TABLETS AND A PROCESS FOR MAKING THE SAME	DOW GLOBAL TECHNOLOGIES LLC	06/02/2008	08/756594.1	2164343	12/09/2015	2164343
65043A-IE-EPT	Ireland	IN SITU, LIQUID-ACTIVATED FILM COATED TABLETS AND A PROCESS FOR MAKING THE SAME	DOW GLOBAL TECHNOLOGIES LLC	06/02/2008	08/756594.1	2164343	12/09/2015	2164343
65043A-IN-PCT	India	IN SITU, LIQUID-ACTIVATED FILM COATED TABLETS AND A PROCESS FOR MAKING THE SAME	DOW GLOBAL TECHNOLOGIES LLC	06/02/2008	37/CHENP/2010			
65043A-JP-PCT	Japan	IN SITU, LIQUID-ACTIVATED FILM COATED TABLETS AND A PROCESS FOR MAKING THE SAME	DOW GLOBAL TECHNOLOGIES LLC	06/02/2008	2010-514921	2010-532362	08/09/2013	5336483
65043A-US-PCT	United States Of America	IN SITU, LIQUID-ACTIVATED FILM COATED TABLETS AND A PROCESS FOR MAKING THE SAME	DOW GLOBAL TECHNOLOGIES LLC	06/02/2008	12/665499	2010-0215812	07/15/2014	8778399
65090A-JP-PCT	Japan	HIGHLY ACTIVE CATALYSTS FOR ALKYLENE OXIDE POLYMERIZATION	DOW GLOBAL TECHNOLOGIES LLC	02/28/2008	2010-506351	2010-525147	06/28/2013	5302298
65090A-US-PCT	United States Of America	HIGHLY ACTIVE CATALYSTS FOR ALKYLENE OXIDE POLYMERIZATION	DOW GLOBAL TECHNOLOGIES LLC	02/28/2008	12/597623	2010-0197873	09/25/2012	8273678
65206A-BR-PCT	Brazil	WATER DISPERSIBLE POLYMER COMPOSITIONS	TECHNOLOGIES INC	02/28/2008	P10810353.4			
65206A-CA-PCD	Canada	WATER DISPERSIBLE POLYMER COMPOSITIONS	TECHNOLOGIES LLC	04/15/2015	2888059		01/17/2017	2888059
65206A-CA-PCT	Canada	WATER DISPERSIBLE POLYMER COMPOSITIONS	TECHNOLOGIES LLC	02/28/2008	2685745	2685745	04/26/2016	2685745
65206A-CN-PCT	China	WATER DISPERSIBLE POLYMER COMPOSITIONS	TECHNOLOGIES INC	02/28/2008	200880014786.5	101896171	02/29/2012	200880014786.5
65206A-EP-EPT	European Procedure (Patents)	WATER DISPERSIBLE POLYMER COMPOSITIONS	DOW GLOBAL TECHNOLOGIES LLC	02/28/2008	08730958.9	2164474		
65206A-IN-PCT	India	WATER DISPERSIBLE POLYMER COMPOSITIONS	TECHNOLOGIES LLC	02/28/2008	6580/CHENP/2009		10/26/2017	288779
65206A-JP-PCT	Japan	WATER DISPERSIBLE POLYMER COMPOSITIONS	TECHNOLOGIES LLC	02/28/2008	2010-507489	2010-530440	07/12/2013	5314004
65206A-US-DIV	United States Of America	WATER DISPERSIBLE POLYMER COMPOSITIONS	TECHNOLOGIES LLC	11/06/2009	12/614089	2010-0048751	07/09/2013	8481114
65206A-US-PCT	United States Of America	WATER DISPERSIBLE POLYMER COMPOSITIONS	TECHNOLOGIES LLC	02/28/2008	12/599179	2010-0221546	02/26/2013	8383198

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CLASSIFICATION	COUNTRY	TITLE	OWNER	PENDING DATE	APP. NUMBER	PUB. NUMBER	GRANT DATE	GRANT NUMBER
65530-BR-PCT	Brazil	MELT-EXTRUDED FILM	DOW GLOBAL TECHNOLOGIES LLC	02/25/2011	112012018818.6			
65530-EP-EPT	European Procedure (Patents)	MELT-EXTRUDED FILM	DOW GLOBAL TECHNOLOGIES LLC	02/25/2011	11708364.2	2555912		
65530-IN-PCT	India	MELT-EXTRUDED FILM	TECHNOLOGIES LLC	02/25/2011	8263/CHE/2012	8263/CHE/2012		
65530-JP-PCT	Japan	MELT-EXTRUDED FILM	DOW GLOBAL TECHNOLOGIES LLC	02/25/2011	2013-501274	2013-523482	10/23/2015	5827310
65530-KR-PCT	SOUTH KOREA	MELT-EXTRUDED FILM	TECHNOLOGIES LLC	02/25/2011	10-2012-7027921	10-2013-0069599	03/07/2018	10-1837927
METHOD FOR PREPARING VERY LOW VISCOSITY CELLULOSE ETHER AND PRODUCT								
65659A-IN-PCT	India	CELLULOSE ETHER COATING	DOW GLOBAL TECHNOLOGIES LLC	11/05/2008	2650/CHE/2010		08/30/2017	286828
65706A-CN-PCT	China	CELLULOSE ETHER COATING	TECHNOLOGIES INC	11/05/2008	200880115032.9	101848965	08/29/2012	200880115032.9
65706A-DE-EPT	Germany	CELLULOSE ETHER COATING	DOW GLOBAL TECHNOLOGIES LLC	11/05/2008	08846333.6	2220157	08/17/2016	602008045778.8
65706A-DE-ETD	Germany	CELLULOSE ETHER COATING	TECHNOLOGIES LLC	03/18/2011	11002238.1	2325247	10/08/2014	602008034874.4
65706A-FR-EPT	France	CELLULOSE ETHER COATING	TECHNOLOGIES LLC	11/05/2008	08846333.6	2220157	08/17/2016	2220157
65706A-FR-ETD	France	CELLULOSE ETHER COATING	TECHNOLOGIES LLC	03/18/2011	11002238.1	2325247	10/08/2014	2325247
65706A-GB-EPT	United Kingdom	CELLULOSE ETHER COATING	TECHNOLOGIES LLC	11/05/2008	08846333.6	2220157	08/17/2016	2220157
65706A-GB-ETD	United Kingdom	CELLULOSE ETHER COATING	TECHNOLOGIES LLC	03/18/2011	11002238.1	2325247	10/08/2014	2325247
65706A-IE-EPT	Ireland	CELLULOSE ETHER COATING	TECHNOLOGIES LLC	11/05/2008	08846333.6	2220157	08/17/2016	2220157
65706A-IE-ETD	Ireland	CELLULOSE ETHER COATING	TECHNOLOGIES LLC	03/18/2011	11002238.1	2325247	10/08/2014	2325247
65706A-IN-PCT	India	CELLULOSE ETHER COATING	TECHNOLOGIES LLC	11/05/2008	2649/CHE/2010		10/06/2017	288142
65706A-JP-PCD	Japan	CELLULOSE ETHER COATING	TECHNOLOGIES LLC	12/03/2013	2013-249959	2014-074176	05/15/2015	5745016
65706A-KR-PCD	SOUTH KOREA	CELLULOSE ETHER COATING	TECHNOLOGIES LLC	02/26/2015	10-2015-7005143		02/22/2016	10-1598009
65706A-KR-PCT	SOUTH KOREA	CELLULOSE ETHER COATING	TECHNOLOGIES LLC	11/05/2008	2010-7010205	2010-0088606	09/23/2015	10-1556517
65706A-US-PCT	United States Of America	CELLULOSE ETHER COATING	TECHNOLOGIES LLC	11/05/2008	12741769	2010-0275814	12/30/2014	8920553
65802-CH-EPT	Switzerland	MULTILAYER MELT-EXTRUDED FILM	TECHNOLOGIES LLC	02/25/2011	11707305.6	2552402	11/23/2016	2552402

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65802-CN-PCT	China	MULTILAYER MELT-EXTRUDED FILM	DOW GLOBAL TECHNOLOGIES LLC	02/25/2011	201180016068.3	102821754	06/18/2014	201180016068.3
65802-DE-EPT	Germany	MULTILAYER MELT-EXTRUDED FILM	DOW GLOBAL TECHNOLOGIES LLC	02/25/2011	11707305.6	2552402	11/23/2016	602011032659.7
65802-FR-EPT	France	MULTILAYER MELT-EXTRUDED FILM	DOW GLOBAL TECHNOLOGIES LLC	02/25/2011	11707305.6	2552402	11/23/2016	2552402
65802-GB-EPT	United Kingdom	MULTILAYER MELT-EXTRUDED FILM	DOW GLOBAL TECHNOLOGIES LLC	02/25/2011	11707305.6	2552402	11/23/2016	2552402
65802-IE-EPT	Ireland	MULTILAYER MELT-EXTRUDED FILM	DOW GLOBAL TECHNOLOGIES LLC	02/25/2011	11707305.6	2552402	11/23/2016	2552402
65802-JP-PCT	Japan	MULTILAYER MELT-EXTRUDED FILM	DOW GLOBAL TECHNOLOGIES LLC	02/25/2011	2013-501273	2013-523635	05/22/2015	5749790
65802-SE-EPT	Sweden	MULTILAYER MELT-EXTRUDED FILM	DOW GLOBAL TECHNOLOGIES LLC	02/25/2011	11707305.6	2552402	11/23/2016	2552402
65998-CN-PCT	China	A PROCESS FOR DRY-GRINDING A POLYSACCHARIDE DERIVATIVE	DOW GLOBAL TECHNOLOGIES LLC	08/31/2010	20108004615.8	102597068	10/01/2014	20108004615.8
65998-EP-EPT	European Procedure (Patents)	A PROCESS FOR DRY-GRINDING A POLYSACCHARIDE DERIVATIVE	DOW GLOBAL TECHNOLOGIES LLC	08/31/2010	10750004.3	2468571		
65998-JP-PCT	Japan	A PROCESS FOR DRY-GRINDING A POLYSACCHARIDE DERIVATIVE	DOW GLOBAL TECHNOLOGIES LLC	08/31/2010	2012-534194	2013-508473	03/13/2015	5711243
65998-KR-PCT	SOUTH KOREA	A PROCESS FOR DRY-GRINDING A POLYSACCHARIDE DERIVATIVE	DOW GLOBAL TECHNOLOGIES LLC	08/31/2010	10-2012-7012002	10-2012-0100983	04/14/2017	10-1728745
65998-US-PCT	United States Of America	PROCESS FOR DRY-GRINDING A POLYSACCHARIDE DERIVATIVE	DOW GLOBAL TECHNOLOGIES LLC	08/31/2010	13/391337	2012-0187225	05/20/2014	8727246
67123-CA-PCT	Canada	OLEFIN OXIDE POLYMERIZATION CATALYST	DOW GLOBAL TECHNOLOGIES LLC	01/21/2013	2861325			
67123-EP-EPT	European Procedure (Patents)	OLEFIN OXIDE POLYMERIZATION CATALYST	DOW GLOBAL TECHNOLOGIES LLC	01/21/2013	13702554.0	2809704		
67123-IN-PCT	India	OLEFIN OXIDE POLYMERIZATION CATALYST	DOW GLOBAL TECHNOLOGIES LLC	01/21/2013	5758/CHE/NP/2014			

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67182-BR-PCT	Brazil	PROCESS FOR PREPARING HIGH MOLECULAR WEIGHT POLYMERS BY POLYMERIZING EPOXIDE MONOMERS	DOW GLOBAL TECHNOLOGIES LLC	01/21/2013	112014016089-9			
67182-JP-PCT	Japan	PROCESS FOR PREPARING HIGH MOLECULAR WEIGHT POLYMERS BY POLYMERIZING EPOXIDE MONOMERS	DOW GLOBAL TECHNOLOGIES LLC	01/21/2013	2014-554763	2015-504966	08/25/2017	6196240
67182-US-PCT	United States Of America	PROCESS FOR PREPARING HIGH MOLECULAR WEIGHT POLYMERS BY POLYMERIZING EPOXIDE MONOMERS	DOW GLOBAL TECHNOLOGIES LLC	01/21/2013	14/371184	2015-0166724	03/21/2017	9598536
67235-BE-EPT	Belgium	NEW HIGH VISCOSITY CARBOXYMETHYL CELLULOSE AND METHOD OF PREPARATION	DOW GLOBAL TECHNOLOGIES LLC	03/30/2010	10712015.6	2552968	03/01/2017	2552968
67235-BR-PCT	Brazil	NEW HIGH VISCOSITY CARBOXYMETHYL CELLULOSE AND METHOD OF PREPARATION	DOW GLOBAL TECHNOLOGIES LLC	03/30/2010	112012018829.1			
67235-CN-PCT	China	NEW HIGH VISCOSITY CARBOXYMETHYL CELLULOSE AND METHOD OF PREPARATION	DOW GLOBAL TECHNOLOGIES LLC	03/30/2010	201080066015.8	102822204	10/07/2015	201080066015.8
67235-DE-EPT	Germany	NEW HIGH VISCOSITY CARBOXYMETHYL CELLULOSE AND METHOD OF PREPARATION	DOW GLOBAL TECHNOLOGIES LLC	03/30/2010	10712015.6	2552968	03/01/2017	602010040345.9
67235-FI-EPT	Finland	NEW HIGH VISCOSITY CARBOXYMETHYL CELLULOSE AND METHOD OF PREPARATION	DOW GLOBAL TECHNOLOGIES LLC	03/30/2010	10712015.6	2552968	03/01/2017	2552968
67235-FR-EPT	France	NEW HIGH VISCOSITY CARBOXYMETHYL CELLULOSE AND METHOD OF PREPARATION	DOW GLOBAL TECHNOLOGIES LLC	03/30/2010	10712015.6	2552968	03/01/2017	2552968
67235-GB-EPT	United Kingdom	NEW HIGH VISCOSITY CARBOXYMETHYL CELLULOSE AND METHOD OF PREPARATION	DOW GLOBAL TECHNOLOGIES LLC	03/30/2010	10712015.6	2552968	03/01/2017	2552968
67235-IN-PCT	India	NEW HIGH VISCOSITY CARBOXYMETHYL CELLULOSE AND METHOD OF PREPARATION	DOW GLOBAL TECHNOLOGIES LLC	03/30/2010	8190/CHE/NP/2012	8190/CHE/NP/2012		

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67235-IT-EPT	Italy	NEW HIGH VISCOSITY CARBOXYMETHYL CELLULOSE AND METHOD OF PREPARATION	DOW GLOBAL TECHNOLOGIES LLC	03/30/2010	10712015.6	2552968	03/01/2017 502017000052161
67235-KR-PCT	SOUTH KOREA	NEW HIGH VISCOSITY CARBOXYMETHYL CELLULOSE AND METHOD OF PREPARATION	DOW GLOBAL TECHNOLOGIES LLC	03/30/2010	10-2012-7028492	10-2013-0084222	02/20/2017 10-1709930
67235-MX-PCT	Mexico	NEW HIGH VISCOSITY CARBOXYMETHYL CELLULOSE AND METHOD OF PREPARATION	DOW GLOBAL TECHNOLOGIES LLC	03/30/2010	MX/a/2012/011330	MX/a/2012/011330	11/27/2017 352476
67235-NL-EPT	Netherlands	NEW HIGH VISCOSITY CARBOXYMETHYL CELLULOSE AND METHOD OF PREPARATION	DOW GLOBAL TECHNOLOGIES LLC	03/30/2010	10712015.6	2552968	03/01/2017 2552968
67235-SE-EPT	Sweden	NEW HIGH VISCOSITY CARBOXYMETHYL CELLULOSE AND METHOD OF PREPARATION	DOW GLOBAL TECHNOLOGIES LLC	03/30/2010	10712015.6	2552968	03/01/2017 2552968
67363-AT-EPT	Austria	ADDITIVES COMPRISING CELLULOSE ETHERS FOR CERAMICS EXTRUSION	DOW GLOBAL TECHNOLOGIES LLC	06/19/2008	08874700.1	2303794	03/15/2017 2303794
67363-DE-EPT	Germany	ADDITIVES COMPRISING CELLULOSE ETHERS FOR CERAMICS EXTRUSION	DOW GLOBAL TECHNOLOGIES LLC	06/19/2008	08874700.1	2303794	03/15/2017 602008049278.8
67363-FR-EPT	France	ADDITIVES COMPRISING CELLULOSE ETHERS FOR CERAMICS EXTRUSION	DOW GLOBAL TECHNOLOGIES LLC	06/19/2008	08874700.1	2303794	03/15/2017 2303794
67363-JP-PCT	Japan	ADDITIVES COMPRISING CELLULOSE ETHERS FOR CERAMICS EXTRUSION	DOW GLOBAL TECHNOLOGIES LLC	06/19/2008	2011-514135	2011-524846	11/28/2014 5653349
67363-KR-PCT	SOUTH KOREA	CELLULOSE ETHERS FOR CERAMICS EXTRUSION	DOW GLOBAL TECHNOLOGIES LLC	06/19/2008	10-2010-7028440	10-2011-0020266	01/09/2015 10-1483330
67363-MX-PCT	Mexico	ADDITIVES COMPRISING CELLULOSE ETHERS FOR CERAMICS EXTRUSION	DOW GLOBAL TECHNOLOGIES LLC	06/19/2008	MX/a/2010/014095	MX/a/2010/014095	06/02/2014 320724
67363-NL-EPT	Netherlands	CELLULOSE ETHERS FOR CERAMICS EXTRUSION	DOW GLOBAL TECHNOLOGIES LLC	06/19/2008	08874700.1	2303794	03/15/2017 2303794
67363-PL-EPT	Poland	ADDITIVES COMPRISING CELLULOSE ETHERS FOR CERAMICS EXTRUSION	DOW GLOBAL TECHNOLOGIES LLC	06/19/2008	08874700.1	2303794	03/15/2017 2303794
67363-US-PCT	United States Of America	CELLULOSE ETHERS FOR CERAMICS EXTRUSION	DOW GLOBAL TECHNOLOGIES LLC	06/19/2008	12/993026	2011-0071023	10/01/2013 8545614

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT NUMBER
67643-BE-EPT	Belgium	TREATMENT OF POLYSACCARIDES WITH DIALDEHYDES	DOW GLOBAL TECHNOLOGIES LLC	09/15/2011	11761219.2	2619230	2619230
67643-BR-PCT	Brazil	TREATMENT OF POLYSACCARIDES WITH DIALDEHYDES	DOW GLOBAL TECHNOLOGIES LLC	09/15/2011	112013001725.2		
67643-CN-PCT	China	TREATMENT OF POLYSACCARIDES WITH DIALDEHYDES	DOW GLOBAL TECHNOLOGIES LLC	09/15/2011	201180045647.0	103119067	201180045647.0
67643-DE-EPT	Germany	TREATMENT OF POLYSACCARIDES WITH DIALDEHYDES	DOW GLOBAL TECHNOLOGIES LLC	09/15/2011	11761219.2	2619230	602011009141.7
67643-GB-EPT	United Kingdom	TREATMENT OF POLYSACCARIDES WITH DIALDEHYDES	DOW GLOBAL TECHNOLOGIES LLC	09/15/2011	11761219.2	2619230	2619230
67643-IN-PCT	India	TREATMENT OF POLYSACCARIDES WITH DIALDEHYDES	DOW GLOBAL TECHNOLOGIES LLC	09/15/2011	2179/CHENP/2013	2179/CHENP/2013	
67643-JP-PCT	Japan	TREATMENT OF POLYSACCARIDES WITH DIALDEHYDES	DOW GLOBAL TECHNOLOGIES LLC	09/15/2011	2013-529314	2013-542274	5824053
67643-KR-PCT	SOUTH KOREA	TREATMENT OF POLYSACCARIDES WITH DIALDEHYDES	DOW GLOBAL TECHNOLOGIES LLC	09/15/2011	10-2013-7010241	10-2013-0118873	10-1780924
67643-MX-PCT	Mexico	TREATMENT OF POLYSACCARIDES WITH DIALDEHYDES	DOW GLOBAL TECHNOLOGIES LLC	09/15/2011	MX/a/2013/003342	MX/a/2013/003342	336758
67643-US-PCT	United States Of America	TREATMENT OF POLYSACCARIDES WITH DIALDEHYDES	DOW GLOBAL TECHNOLOGIES LLC	09/15/2011	13/822118	2013-0172290	11/17/2015 9187572
67765-DE-EPT	Germany	PREPARATION OF A PARTICULATE REVERSIBLY CROSSLINKED POLYMERIC MATERIAL	DOW GLOBAL TECHNOLOGIES LLC	06/08/2010	10728889.6	2580251	04/23/2014 6020100015395.9
67765-JP-PCT	Japan	PREPARATION OF A PARTICULATE REVERSIBLY CROSSLINKED POLYMERIC MATERIAL	DOW GLOBAL TECHNOLOGIES LLC	06/08/2010	2013-513765	2013-528244	01/23/2015 5684903
67765-KR-PCT	SOUTH KOREA	PREPARATION OF A PARTICULATE REVERSIBLY CROSSLINKED POLYMERIC MATERIAL	DOW GLOBAL TECHNOLOGIES LLC	06/08/2010	10-2013-7000404	10-2013-7000404	05/04/2017 10-1734853

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67765-US-PCT	United States Of America	METHOD FOR THE PREPARATION OF A CROSSLINKED POLYMERIC MATERIAL	DOW GLOBAL TECHNOLOGIES LLC	06/08/2010	13/700263	2013-0217873	12/01/2015	9200084
67786-DE-EPT	Germany	METHODS FOR REDUCING OIL UPTAKE OF FRIED FOODS	DOW GLOBAL TECHNOLOGIES LLC	05/18/2010	10720234.3	2432324	05/14/2014	602010016077
67786-FR-EPT	France	METHODS FOR REDUCING OIL UPTAKE OF FRIED FOODS	DOW GLOBAL TECHNOLOGIES LLC	05/18/2010	10720234.3	2432324	05/14/2014	2432324
67786-GB-EPT	United Kingdom	METHODS FOR REDUCING OIL UPTAKE OF FRIED FOODS	DOW GLOBAL TECHNOLOGIES LLC	05/18/2010	10720234.3	2432324	05/14/2014	2432324
67786-NL-EPT	Netherlands	METHODS FOR REDUCING OIL UPTAKE OF FRIED FOODS	TECHNOLOGIES LLC	05/18/2010	10720234.3	2432324	05/14/2014	2432324
67786-US-NP	United States Of America	METHODS FOR REDUCING OIL UPTAKE OF FRIED FOODS	DOW GLOBAL TECHNOLOGIES LLC	05/18/2010	12/781853	2010-0291272	04/07/2015	8999418
68077-CN-PCT	China	A PROCESS FOR DRY-GRINDING A POLYSACCHARIDE DERIVATIVE	DOW GLOBAL TECHNOLOGIES LLC	07/28/2010	201080044523.6	102549049	12/10/2014	201080044523.6
68077-EP-EPT	European Procedure (Patents)	A PROCESS FOR DRY-GRINDING A POLYSACCHARIDE DERIVATIVE	DOW GLOBAL TECHNOLOGIES LLC	07/28/2010	10740476.6	2598557		
68077-IN-PCT	India	A PROCESS FOR DRY-GRINDING A POLYSACCHARIDE DERIVATIVE	DOW GLOBAL TECHNOLOGIES LLC	07/28/2010	649/CHE/NP/2013			
68077-JP-PCD	Japan	A PROCESS FOR DRY-GRINDING A POLYSACCHARIDE DERIVATIVE	DOW GLOBAL TECHNOLOGIES LLC	01/18/2016	2016-006813	2016-106166	11/24/2017	6247321
68077-JP-PCT	Japan	A PROCESS FOR DRY-GRINDING A POLYSACCHARIDE DERIVATIVE	DOW GLOBAL TECHNOLOGIES LLC	07/28/2010	2013-521743	2013-532750	04/28/2017	6133773
68077-KR-PCT	SOUTH KOREA	A PROCESS FOR DRY-GRINDING A POLYSACCHARIDE DERIVATIVE	DOW GLOBAL TECHNOLOGIES LLC	07/28/2010	10-2012-7011995	10-2012-7011995	08/29/2017	10-1774208
68077-US-PCT	United States Of America	PROCESS FOR DRY-GRINDING A POLYSACCHARIDE DERIVATIVE	DOW GLOBAL TECHNOLOGIES LLC	07/28/2010	13/498621	2013-0112787	03/10/2015	8973853
68408-JP-PCT	Japan	METHOD FOR EXTRACTING OIL FROM A POWDER	TECHNOLOGIES LLC	02/28/2014	2016-500479	2016-522075	11/02/2017	6235691
68408-US-PCT	United States Of America	METHOD FOR EXTRACTING OIL FROM A POWDER	TECHNOLOGIES LLC	02/28/2014	14/763324	2015-0376333	12/27/2016	9527960

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PATENT NUMBER	FOR PARENT	THIS	OTHER	PENDING DATE	APP. NUMBER	PRI. NUMBER	GRANT NUMBER
68588-BR-PCT	Brazil	METHOD OF REMOVING ALKYLENE HALOGENOHYDRIN FROM CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	07/17/2012	112014006738.1		
68588-CN-PCT	China	METHOD OF REMOVING ALKYLENE HALOGENOHYDRIN FROM CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	07/17/2012	201280035563.3	103687652	201280035563.3
68588-DE-EPT	Germany	METHOD OF REMOVING ALKYLENE HALOGENOHYDRIN FROM CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	07/17/2012	12738364.4	2736614	2736614
68588-IN-PCT	India	METHOD OF REMOVING ALKYLENE HALOGENOHYDRIN FROM CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	07/17/2012	520/CHENP/2014	520/CHENP/2014	
68588-JP-PCT	Japan	METHOD OF REMOVING ALKYLENE HALOGENOHYDRIN FROM CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	07/17/2012	2014-522872	2014-521771	5681330
68588-KR-PCT	SOUTH KOREA	METHOD OF REMOVING ALKYLENE HALOGENOHYDRIN FROM CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	07/17/2012	10-2014-7005163	10-2014-0062474	10-1775414
68588-US-PCT	United States Of America	METHOD OF REMOVING ALKYLENE HALOGENOHYDRIN FROM CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	07/17/2012	14/131556	2014-0148591	9156919
69436-BR-PCT	Brazil	NOVEL CELLULOSE ETHERS AND THEIR USE	DOW GLOBAL TECHNOLOGIES LLC	10/06/2011	112013005642.8		
69436-CH-EPT	Switzerland	NOVEL CELLULOSE ETHERS AND THEIR USE	DOW GLOBAL TECHNOLOGIES LLC	10/06/2011	11770311.6	2627676	2627676
69436-CN-PCT	China	NOVEL CELLULOSE ETHERS AND THEIR USE	TECHNOLOGIES LLC	10/06/2011	201180059307.3	103261233	201180059307.3
69436-DE-EPT	Germany	NOVEL CELLULOSE ETHERS AND THEIR USE	DOW GLOBAL TECHNOLOGIES LLC	10/06/2011	11770311.6	2627676	602011035744.1
69436-EP-EPT	European Procedure (Patents)	NOVEL CELLULOSE ETHERS AND THEIR USE	DOW GLOBAL TECHNOLOGIES LLC	10/06/2011	11770311.6	2627676	2627676
69436-FR-EPT	France	NOVEL CELLULOSE ETHERS AND THEIR USE	TECHNOLOGIES LLC	10/06/2011	11770311.6	2627676	2627676
69436-GB-EPT	United Kingdom	NOVEL CELLULOSE ETHERS AND THEIR USE	TECHNOLOGIES LLC	10/06/2011	11770311.6	2627676	2627676
69436-IE-EPT	Ireland	NOVEL CELLULOSE ETHERS AND THEIR USE	DOW GLOBAL TECHNOLOGIES LLC	10/06/2011	11770311.6	2627676	2627676

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PATENT NUMBER	COUNTRY	TITLE	OWNER	PENDING DATE	APP. NUMBER	PRI. NUMBER	GRANT NUMBER
69436-IN-PCT	India	NOVEL CELLULOSE ETHERS AND THEIR USE	DOW GLOBAL TECHNOLOGIES LLC	10/06/2011	2709/CHENP/2013		
69436-JP-PCT	Japan	NOVEL CELLULOSE ETHERS AND THEIR USE	DOW GLOBAL TECHNOLOGIES LLC	10/06/2011	2013-533885	2013-539815	03/18/2016 5902697
69436-KR-PCT	SOUTH KOREA	NOVEL CELLULOSE ETHERS AND THEIR USE	DOW GLOBAL TECHNOLOGIES LLC	10/06/2011	10-2013-7009217	10-2014-0000679	05/17/2018 10-1860707
69436-SE-EPT	Sweden	NOVEL CELLULOSE ETHERS AND THEIR USE	DOW GLOBAL TECHNOLOGIES LLC	10/06/2011	11770311.6	2627676	03/08/2017 2627676
69436-US-PCT	United States Of America	NOVEL CELLULOSE ETHERS AND THEIR USE	DOW GLOBAL TECHNOLOGIES LLC	10/06/2011	13/825697	2013-0236512	07/19/2016 9394376
69695-BE-EPT	Belgium	COMPOSITION FOR EXTRUSION- MOLDED BODIES	TECHNOLOGIES LLC	04/19/2011	11717125.6	2563564	11/02/2016 2563564
69695-DE-EPT	Germany	COMPOSITION FOR EXTRUSION- MOLDED BODIES	TECHNOLOGIES LLC	04/19/2011	11717125.6	2563564	11/02/2016 602011031882.9
69695-JP-PCT	Japan	COMPOSITION FOR EXTRUSION- MOLDED BODIES	TECHNOLOGIES LLC	04/19/2011	2013-508033	2013-525157	04/01/2016 5908892
69695-PL-EPT	Poland	COMPOSITION FOR EXTRUSION- MOLDED BODIES	TECHNOLOGIES LLC	04/19/2011	11717125.6	2563564	11/02/2016 2563564
69695-US-DIV	United States Of America	COMPOSITION FOR EXTRUSION- MOLDED BODIES	TECHNOLOGIES LLC	01/13/2015	14/595569	2015-0125653	06/14/2016 9365702
69695-US-NP	United States Of America	COMPOSITION FOR EXTRUSION- MOLDED BODIES	TECHNOLOGIES LLC	04/19/2011	13/089982	2011-0262690	03/03/2015 8968639
69701-CN-PCT	China	COMPOSITION FOR EXTRUSION- MOLDED BODIES	DOW GLOBAL TECHNOLOGIES LLC	04/19/2011	201180021311.0	102858717	01/20/2016 201180021311.0
69701-EP-EPT	European Procedure (Patents)	COMPOSITION FOR EXTRUSION- MOLDED BODIES	DOW GLOBAL TECHNOLOGIES LLC	04/19/2011	11719394.6	2563742	
69701-JP-PCT	Japan	COMPOSITION FOR EXTRUSION- MOLDED BODIES	TECHNOLOGIES LLC	04/19/2011	2013-508031	2013-525156	10/09/2015 5819941
69701-KR-PCT	SOUTH KOREA	COMPOSITION FOR EXTRUSION- MOLDED BODIES	TECHNOLOGIES LLC	04/19/2011	10-2012-7030736	10-2013-0061143	02/12/2018 10-1830064
69701-MX-PCT	Mexico	COMPOSITION FOR EXTRUSION- MOLDED BODIES	DOW GLOBAL TECHNOLOGIES LLC	04/19/2011	MX/a/2012/012524	MX/a/2012/012524	06/10/2016 339803
69768-AU-PCT	Australia	TARTARIC SALT STABILIZER FOR WINE	TECHNOLOGIES LLC	03/30/2010	2010234846		02/12/2015 2010234846
69768-BR-PCT	Brazil	TARTARIC SALT STABILIZER FOR WINE	DOW GLOBAL TECHNOLOGIES LLC	03/30/2010	PI1006289.0		
69768-CN-PCT	China	TARTARIC SALT STABILIZER FOR WINE	TECHNOLOGIES LLC	03/30/2010	201080012039.5	102356119	05/01/2013 201080012039.5
69768-DE-EPT	Germany	TARTARIC SALT STABILIZER FOR WINE	TECHNOLOGIES LLC	03/30/2010	10722848.8	2414437	04/19/2017 602010041646.1
69768-ES-EPT	Spain	TARTARIC SALT STABILIZER FOR WINE	TECHNOLOGIES LLC	03/30/2010	10722848.8	2414437	04/19/2017 2414437
69768-FR-EPT	France	TARTARIC SALT STABILIZER FOR WINE	DOW GLOBAL TECHNOLOGIES LLC	03/30/2010	10722848.8	2414437	04/19/2017 2414437

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69768-IT-EPT	Italy	TARTARIC SALT STABILIZER FOR WINE	DOW GLOBAL TECHNOLOGIES LLC	03/30/2010	10722848.8	2414437	04/19/2017 502017000082120
69768-NL-EPT	Netherlands	TARTARIC SALT STABILIZER FOR WINE	DOW GLOBAL TECHNOLOGIES LLC	03/30/2010	10722848.8	2414437	04/19/2017 2414437
69847-BR-PCT	Brazil	METHODS AND COMPOSITIONS FOR INDUCING SATIETY	DOW GLOBAL TECHNOLOGIES LLC	04/27/2011	1120120268481	1120120268481	
69847-CN-PCT	China	METHODS AND COMPOSITIONS FOR INDUCING SATIETY	DOW GLOBAL TECHNOLOGIES LLC	04/27/2011	201180021397.7	102905762	02/15/2017 201180021397.7
69847-EP-EPT	European Procedure (Patents)	METHODS AND COMPOSITIONS FOR INDUCING SATIETY	DOW GLOBAL TECHNOLOGIES LLC	04/27/2011	11717907.7	2563477	
69847-IN-PCT	India	METHODS AND COMPOSITIONS FOR INDUCING SATIETY	DOW GLOBAL TECHNOLOGIES LLC	04/27/2011	9112/CHE/MP/2012		
69847-JP-PCT	Japan	METHODS AND COMPOSITIONS FOR INDUCING SATIETY	DOW GLOBAL TECHNOLOGIES LLC	04/27/2011	2013-508207	2013-525447	05/20/2016 5937573
69847-KR-PCT	SOUTH KOREA	METHODS AND COMPOSITIONS FOR INDUCING SATIETY	DOW GLOBAL TECHNOLOGIES LLC	04/27/2011	2012-7031142		02/01/2018 10-1827026
69847-MX-PCT	Mexico	METHODS AND COMPOSITIONS FOR INDUCING SATIETY	DOW GLOBAL TECHNOLOGIES LLC	04/27/2011	MX/a/12/012616	MX/a/12/012616	04/08/2016 338245
69847-US-NP	United States Of America	METHODS AND COMPOSITIONS FOR INDUCING SATIETY METHOD OF ENHANCING THE SHELF STABILITY OF PROBIOTICS	DOW GLOBAL TECHNOLOGIES LLC	04/27/2011	13/095414	2011-0269711	01/07/2014 8623840
69948-CN-PCT	China	METHODS AND COMPOSITIONS FOR INDUCING SATIETY METHOD OF ENHANCING THE SHELF STABILITY OF PROBIOTICS	DOW GLOBAL TECHNOLOGIES LLC	09/06/2011	201180050229.0	103167807	11/25/2015 201180050229.0
69948-DE-EPT	Germany	METHODS AND COMPOSITIONS FOR INDUCING SATIETY METHOD OF ENHANCING THE SHELF STABILITY OF PROBIOTICS	DOW GLOBAL TECHNOLOGIES LLC	09/06/2011	11788623.4	2608679	08/15/2018 2608679
69948-EP-EPT	European Procedure (Patents)	METHODS AND COMPOSITIONS FOR INDUCING SATIETY METHOD OF ENHANCING THE SHELF STABILITY OF PROBIOTICS	DOW GLOBAL TECHNOLOGIES LLC	09/06/2011	11788623.4	2608679	08/15/2018 2608679
69948-FR-EPT	France	METHODS AND COMPOSITIONS FOR INDUCING SATIETY METHOD OF ENHANCING THE SHELF STABILITY OF PROBIOTICS	DOW GLOBAL TECHNOLOGIES LLC	09/06/2011	11788623.4	2608679	08/15/2018 2608679
69948-GB-EPT	United Kingdom	METHODS AND COMPOSITIONS FOR INDUCING SATIETY METHOD OF ENHANCING THE SHELF STABILITY OF PROBIOTICS	DOW GLOBAL TECHNOLOGIES LLC	09/06/2011	11788623.4	2608679	08/15/2018 2608679
69948-IN-PCT	India	METHODS AND COMPOSITIONS FOR INDUCING SATIETY METHOD OF ENHANCING THE SHELF STABILITY OF PROBIOTICS	DOW GLOBAL TECHNOLOGIES LLC	09/06/2011	1410/CHE/MP/2013		

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69948-JP-PCT	Japan	METHOD OF ENHANCING THE SHELF STABILITY OF PROBIOTICS	DOW GLOBAL TECHNOLOGIES LLC	09/06/2011	2013-526212	2013-537037	01/08/2016	5866361
69948-NL-EPT	Netherlands	METHOD OF ENHANCING THE SHELF STABILITY OF PROBIOTICS	DOW GLOBAL TECHNOLOGIES LLC	09/06/2011	11788623.4	2608679	08/15/2018	2608679
69948-US-PCT	United States Of America	METHOD OF ENHANCING THE SHELF STABILITY OF PROBIOTICS	DOW GLOBAL TECHNOLOGIES LLC	09/06/2011	13/814368	2013-0142907	03/24/2015	8986760
70058-BR-PCT	Brazil	LOW-FAT NON-PROTEIN WHIPPABLE TOPPING COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	06/29/2011	112013029920.7		03/06/2018	112013029920.7
70058-CN-PCT	China	LOW-FAT NON-PROTEIN WHIPPABLE TOPPING COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	06/29/2011	201180071975.8	103619185	05/11/2016	201180071975.8
70058-DE-EPT	Germany	LOW-FAT NON-PROTEIN WHIPPABLE TOPPING COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	06/29/2011	11868533.8	2725918	03/16/2016	602011024201.6
70058-FR-EPT	France	LOW-FAT NON-PROTEIN WHIPPABLE TOPPING COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	06/29/2011	11868533.8	2725918	03/16/2016	2725918
70058-GB-EPT	United Kingdom	LOW-FAT NON-PROTEIN WHIPPABLE TOPPING COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	06/29/2011	11868533.8	2725918	03/16/2016	2725918
70058-IN-PCT	India	LOW-FAT NON-PROTEIN WHIPPABLE TOPPING COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	06/29/2011	9034/CHENP/2013			
70058-JP-PCT	Japan	LOW-FAT NON-PROTEIN WHIPPABLE TOPPING COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	06/29/2011	2014-517375	2014-518073	08/14/2015	5792900
70058-KR-PCT	SOUTH KOREA	LOW-FAT NON-PROTEIN WHIPPABLE TOPPING COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	06/29/2011	10-2014-7002529	10-2014-0046452		
70058-NL-EPT	Netherlands	LOW-FAT NON-PROTEIN WHIPPABLE TOPPING COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	06/29/2011	11868533.8	2725918	03/16/2016	2725918
70058-US-PCT	United States Of America	LOW-FAT NON-PROTEIN WHIPPABLE TOPPING COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	06/29/2011	14/127256	2016-0120199		
70059-BR-PCT	Brazil	EDIBLE COMPOSITION COMPRISING CELLULOSE ETHER AND ITS USE AS FAT SUBSTITUTE IN DAIRY PRODUCTS	DOW GLOBAL TECHNOLOGIES LLC	07/27/2011	112014000741.1	112014000741.1	06/19/2018	112014000741.1

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70059-DE-EPT	Germany	EDIBLE COMPOSITION COMPRISING CELLULOSE ETHER AND ITS USE AS FAT SUBSTITUTE IN DAIRY PRODUCTS	DOW GLOBAL TECHNOLOGIES LLC	07/27/2011	11869767.1	2736353	12/28/2016	602011033941.9
70059-FR-EPT	France	EDIBLE COMPOSITION COMPRISING CELLULOSE ETHER AND ITS USE AS FAT SUBSTITUTE IN DAIRY PRODUCTS	DOW GLOBAL TECHNOLOGIES LLC	07/27/2011	11869767.1	2736353	12/28/2016	2736353
70059-GB-EPT	United Kingdom	EDIBLE COMPOSITION COMPRISING CELLULOSE ETHER AND ITS USE AS FAT SUBSTITUTE IN DAIRY PRODUCTS	DOW GLOBAL TECHNOLOGIES LLC	07/27/2011	11869767.1	2736353	12/28/2016	2736353
70059-IN-PCT	India	EDIBLE COMPOSITION COMPRISING CELLULOSE ETHER AND ITS USE AS FAT SUBSTITUTE IN DAIRY PRODUCTS	DOW GLOBAL TECHNOLOGIES LLC	07/27/2011	518/CHENP/2014	518/CHENP/2014		
70059-JP-PCT	Japan	EDIBLE COMPOSITION COMPRISING CELLULOSE ETHER AND ITS USE AS FAT SUBSTITUTE IN DAIRY PRODUCTS	DOW GLOBAL TECHNOLOGIES LLC	07/27/2011	2014-521900	2014-521323	08/28/2015	5798249
70059-KR-PCT	SOUTH KOREA	EDIBLE COMPOSITION COMPRISING CELLULOSE ETHER AND ITS USE AS FAT SUBSTITUTE IN DAIRY PRODUCTS	DOW GLOBAL TECHNOLOGIES LLC	07/27/2011	10-2014-7005134	10-2014-0051986	06/12/2018	10-1868779
70059-MX-PCT	Mexico	EDIBLE COMPOSITION COMPRISING CELLULOSE ETHER AND ITS USE AS FAT SUBSTITUTE IN DAIRY PRODUCTS	DOW GLOBAL TECHNOLOGIES LLC	07/27/2011	MX/a/2014/001017	MX/a/2014/001017	11/09/2016	343539
70061-BR-PCT	Brazil	EDIBLE COMPOSITION COMPRISING CELLULOSE ETHER AND ITS USE AS FAT SUBSTITUTE IN DAIRY PRODUCTS	DOW GLOBAL TECHNOLOGIES LLC	02/08/2012	112013016465.4			
70061-CN-PCT	China	EDIBLE COMPOSITION COMPRISING CELLULOSE ETHER AND ITS USE AS FAT SUBSTITUTE IN DAIRY PRODUCTS	DOW GLOBAL TECHNOLOGIES LLC	02/08/2012	201280008779.0	103369965	08/05/2015	201280008779.0
70061-EP-EPT	European Procedure (Patents)	COMPOSITION COMPRISING GLUTEN-FREE CEREAL FLOUR	DOW GLOBAL TECHNOLOGIES LLC	02/08/2012	12705022.7	2677873		

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PATENT NUMBER	INVENTOR	INVENTOR NAME	INVENTOR ADDRESS	INVENTOR CITY	INVENTOR STATE	INVENTOR ZIP	INVENTOR COUNTRY	INVENTOR PHONE	INVENTOR FAX	INVENTOR EMAIL	INVENTOR WEBSITE	INVENTOR OTHER
70061-JP-PCT	Japan	COMPOSITION COMPRISING GLUTEN-FREE CEREAL FLOUR	TECHNOLOGIES LLC	02/08/2012	2013-555436					11/18/2016	6042828	
70061-KR-PCT	SOUTH KOREA	COMPOSITION COMPRISING GLUTEN-FREE CEREAL FLOUR	TECHNOLOGIES LLC	02/08/2012	10-2013-7025010	10-2014-0006965						
70062-BR-PCT	Brazil	COMPOSITION COMPRISING GLUTEN-FREE CEREAL FLOUR	TECHNOLOGIES LLC	02/08/2012	112013020347.1							
70062-CN-PCT	China	COMPOSITION COMPRISING GLUTEN-FREE CEREAL FLOUR	TECHNOLOGIES LLC	02/08/2012	201280010151.4	103391719				07/01/2015	201280010151.4	
70062-DE-EPT	Germany	COMPOSITION COMPRISING GLUTEN-FREE CEREAL FLOUR	TECHNOLOGIES LLC	02/08/2012	12705023.5	2677874				10/03/2018	2677874	
70062-EP-EPT	European Procedure (Patents)	COMPOSITION COMPRISING GLUTEN-FREE CEREAL FLOUR	TECHNOLOGIES LLC	02/08/2012	12705023.5	2677874				10/03/2018	2677874	
70062-FR-EPT	France	COMPOSITION COMPRISING GLUTEN-FREE CEREAL FLOUR	TECHNOLOGIES LLC	02/08/2012	12705023.5	2677874				10/03/2018	2677874	
70062-GB-EPT	United Kingdom	COMPOSITION COMPRISING GLUTEN-FREE CEREAL FLOUR	TECHNOLOGIES LLC	02/08/2012	12705023.5	2677874				10/03/2018	2677874	
70062-IN-PCT	India	COMPOSITION COMPRISING GLUTEN-FREE CEREAL FLOUR	TECHNOLOGIES LLC	02/08/2012	6584/CHE.NP/2013	6584/CHE.NP/2013						
70062-JP-PCT	Japan	COMPOSITION COMPRISING GLUTEN-FREE CEREAL FLOUR	TECHNOLOGIES LLC	02/08/2012	2013-555437	2014-506481				05/13/2016	5934261	
70062-KR-PCT	SOUTH KOREA	COMPOSITION COMPRISING GLUTEN-FREE CEREAL FLOUR	TECHNOLOGIES LLC	02/08/2012	10-2013-7025007	10-2014-0006964						
70062-MX-PCT	Mexico	COMPOSITION COMPRISING GLUTEN-FREE CEREAL FLOUR	TECHNOLOGIES LLC	02/08/2012	MX/a/2013/009759	MX/a/2013/009759				08/30/2017	350218	
70062-NL-EPT	Netherlands	COMPOSITION COMPRISING GLUTEN-FREE CEREAL FLOUR	TECHNOLOGIES LLC	02/08/2012	12705023.5	2677874				10/03/2018	2677874	
70062-US-PCT	United States Of America	COMPOSITION COMPRISING GLUTEN-FREE CEREAL FLOUR	TECHNOLOGIES LLC	02/08/2012	13/982314	2013-0323355						
70083-BE-EPT	Belgium	PROCESS FOR REDUCING THE AMOUNT OF WATER-INSOLUBLE FIBERS IN A WATER-SOLUBLE CELLULOSE DERIVATIVE	TECHNOLOGIES LLC	03/29/2012	12714150.5	2694558				10/18/2017	2694558	
70083-CN-PCT	China	PROCESS FOR REDUCING THE AMOUNT OF WATER-INSOLUBLE FIBERS IN A WATER-SOLUBLE CELLULOSE DERIVATIVE	TECHNOLOGIES LLC	03/29/2012	201280015263.9	103459429				09/14/2016	201280015263.9	
70083-DE-EPT	Germany	PROCESS FOR REDUCING THE AMOUNT OF WATER-INSOLUBLE FIBERS IN A WATER-SOLUBLE CELLULOSE DERIVATIVE	TECHNOLOGIES LLC	03/29/2012	12714150.5	2694558				10/18/2017	602012038633.9	

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		PROCESS FOR REDUCING THE AMOUNT OF WATER-INSOLUBLE FIBERS IN A WATER-SOLUBLE CELLULOSE DERIVATIVE	DOW GLOBAL TECHNOLOGIES LLC	03/29/2012	12714150.5	2694558	10/18/2017	2694558
70083-EP-EPT	European Procedure (Patents)	PROCESS FOR REDUCING THE AMOUNT OF WATER-INSOLUBLE FIBERS IN A WATER-SOLUBLE CELLULOSE DERIVATIVE	DOW GLOBAL TECHNOLOGIES LLC	03/29/2012	12714150.5	2694558	10/18/2017	2694558
70083-JP-PCT	Japan	PROCESS FOR REDUCING THE AMOUNT OF WATER-INSOLUBLE FIBERS IN A WATER-SOLUBLE CELLULOSE DERIVATIVE	DOW GLOBAL TECHNOLOGIES LLC	03/29/2012	2014-503689	2014-510183	07/22/2016	5973549
70083-KR-PCT	SOUTH KOREA	PROCESS FOR REDUCING THE AMOUNT OF WATER-INSOLUBLE FIBERS IN A WATER-SOLUBLE CELLULOSE DERIVATIVE	DOW GLOBAL TECHNOLOGIES LLC	03/29/2012	10-2013-7026354	10-2014-0011365		
70083-US-PCT	United States Of America	PROCESS FOR REDUCING THE AMOUNT OF WATER-INSOLUBLE FIBERS IN A WATER-SOLUBLE CELLULOSE DERIVATIVE	DOW GLOBAL TECHNOLOGIES LLC	03/29/2012	14/009430	2014-0018531	06/07/2016	9359450
70085-BR-PCT	Brazil	FOOD COMPOSITION COMPRISING A CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	06/06/2012	112013028832.9			
70085-CN-PCT	China	FOOD COMPOSITION COMPRISING A CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	06/06/2012	201280029075.1	103619884	06/29/2016	201280029075.1
70085-DE-EPT	Germany	FOOD COMPOSITION COMPRISING A CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	06/06/2012	12728340.6	2721075	07/22/2015	602012008971.7
70085-EP-EPT	European Procedure (Patents)	FOOD COMPOSITION COMPRISING A CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	06/06/2012	12728340.6	2721075	07/22/2015	2721075
70085-FR-EPT	France	FOOD COMPOSITION COMPRISING A CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	06/06/2012	12728340.6	2721075	07/22/2015	2721075
70085-GB-EPT	United Kingdom	FOOD COMPOSITION COMPRISING A CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	06/06/2012	12728340.6	2721075	07/22/2015	2721075
70085-IN-PCT	India	FOOD COMPOSITION COMPRISING A CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	06/06/2012	8740/CHE/NP/2013	8740/CHE/NP/2013		
70085-JP-PCT	Japan	FOOD COMPOSITION COMPRISING A CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	06/06/2012	2014-515874	2014-518067	10/07/2016	6018189
70085-KR-PCT	SOUTH KOREA	FOOD COMPOSITION COMPRISING A CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	06/06/2012	10-2013-7032808	10-2014-0033108		

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PATENT NUMBER	COUNTRY	CLASS	INVENTOR	ASSIGNOR	PRIOR ARTS	GRANT NUMBER
		FOOD COMPOSITION				
		COMPRISING A CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	06/06/2012	12728340.6	2721075
70085-NL-EPT	Netherlands	FOOD COMPOSITION				
		COMPRISING A CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	06/06/2012	14/125405	2014-0134317
70085-US-PCT	United States Of America	ETHER	TECHNOLOGIES LLC	06/06/2012	14/125405	03/14/2017
		9591870				
		COMPOSITION FOR EXTRUSION- MOLDED BODIES COMPRISING A METHYL CELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	10/27/2011	11782301.3	2637836
70115-BE-EPT	Belgium	COMPOSITION FOR EXTRUSION- MOLDED BODIES COMPRISING A METHYL CELLULOSE	TECHNOLOGIES LLC	10/27/2011	11782301.3	09/13/2017
		2637836				
		COMPOSITION FOR EXTRUSION- MOLDED BODIES COMPRISING A METHYL CELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	10/27/2011	11782301.3	09/13/2017
70115-DE-EPT	Germany	MOLDED BODIES COMPRISING A METHYL CELLULOSE	TECHNOLOGIES LLC	10/27/2011	11782301.3	602011041586.7
		602011041586.7				
		COMPOSITION FOR EXTRUSION- MOLDED BODIES COMPRISING A METHYL CELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	10/27/2011	11782301.3	09/13/2017
70115-HU-EPT	Hungary	MOLDED BODIES COMPRISING A METHYL CELLULOSE	TECHNOLOGIES LLC	10/27/2011	11782301.3	2637836
		2637836				
		COMPOSITION FOR EXTRUSION- MOLDED BODIES COMPRISING A METHYL CELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	10/27/2011	2013-537703	02/10/2017
70115-JP-PCT	Japan	MOLDED BODIES COMPRISING A METHYL CELLULOSE	TECHNOLOGIES LLC	10/27/2011	2013-537703	6087830
		6087830				
		COMPOSITION FOR EXTRUSION- MOLDED BODIES COMPRISING A METHYL CELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	10/27/2011	11782301.3	09/13/2017
70115-PL-EPT	Poland	MOLDED BODIES COMPRISING A METHYL CELLULOSE	TECHNOLOGIES LLC	10/27/2011	11782301.3	2637836
		2637836				
		COMPOSITION FOR EXTRUSION- MOLDED BODIES COMPRISING A METHYL CELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	10/27/2011	13/880179	05/31/2016
70115-US-PCT	United States Of America	MOLDED BODIES COMPRISING A METHYL CELLULOSE	TECHNOLOGIES LLC	10/27/2011	13/880179	9353011
		9353011				
		COMPOSITIONS AND METHODS FOR TREATING OBESITY AND RELATED DISORDERS BY CHARACTERIZING AND RESTORING MAMMALIAN BACTERIAL MICROBIOTA	DOW GLOBAL TECHNOLOGIES INC	08/19/2011	13/214034	07/12/2016
70267-US-NP	United States Of America	RESTORING MAMMALIAN BACTERIAL MICROBIOTA	TECHNOLOGIES INC	08/19/2011	13/214034	9386793
		9386793				
		NOVEL CELLULOSE ETHERS AND THEIR USE	DOW GLOBAL TECHNOLOGIES LLC	10/06/2011	11770310.8	06/14/2017
70270-BE-EPT	Belgium	NOVEL CELLULOSE ETHERS AND THEIR USE	TECHNOLOGIES LLC	10/06/2011	11770310.8	2627675
		2627675				
		NOVEL CELLULOSE ETHERS AND THEIR USE	DOW GLOBAL TECHNOLOGIES LLC	10/06/2011	11770310.8	06/14/2017
70270-DE-EPT	Germany	NOVEL CELLULOSE ETHERS AND THEIR USE	TECHNOLOGIES LLC	10/06/2011	11770310.8	602011038738.3
		602011038738.3				
		NOVEL CELLULOSE ETHERS AND THEIR USE	DOW GLOBAL TECHNOLOGIES LLC	10/06/2011	11770310.8	06/14/2017
70270-FR-EPT	France	NOVEL CELLULOSE ETHERS AND THEIR USE	TECHNOLOGIES LLC	10/06/2011	11770310.8	2627675
		2627675				
		NOVEL CELLULOSE ETHERS AND THEIR USE	DOW GLOBAL TECHNOLOGIES LLC	10/06/2011	2013-533884	03/18/2016
70270-JP-PCT	Japan	NOVEL CELLULOSE ETHERS AND THEIR USE	TECHNOLOGIES LLC	10/06/2011	2013-533884	5902696
		5902696				
		NOVEL CELLULOSE ETHERS AND THEIR USE	DOW GLOBAL TECHNOLOGIES LLC	10/06/2011	11770310.8	06/14/2017
70270-NL-EPT	Netherlands	NOVEL CELLULOSE ETHERS AND THEIR USE	TECHNOLOGIES LLC	10/06/2011	11770310.8	2627675
		2627675				

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PATENT NUMBER	COUNTRY	TITLE	OWNER	PENDING DATE	APP. NUMBER	PRI. NUMBER	GRANT NUMBER
70270-PL-EPT	Poland United States Of	NOVEL CELLULOSE ETHERS AND THEIR USE NOVEL CELLULOSE ETHERS AND THEIR USE	DOW GLOBAL TECHNOLOGIES LLC DOW GLOBAL	10/06/2011	11770310.8	2627675	06/14/2017 2627675
70270-US-PCT	America	PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY AND GOOD FLOWABILITY PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY AND GOOD FLOWABILITY	TECHNOLOGIES LLC	10/06/2011	13/825733	2013-0193370	02/28/2017 9580581
70306-BR-PCT	Brazil	PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY AND GOOD FLOWABILITY PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY AND GOOD FLOWABILITY	DOW GLOBAL TECHNOLOGIES LLC	03/29/2012	112013023380.0		
70306-CN-PCT	China	GOOD FLOWABILITY HIGH BULK DENSITY AND PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY AND GOOD FLOWABILITY	DOW GLOBAL TECHNOLOGIES LLC	07/25/2016	201610585804.1	106188581	
70306-CN-PCT	China	PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY AND GOOD FLOWABILITY PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY AND GOOD FLOWABILITY	DOW GLOBAL TECHNOLOGIES LLC	03/29/2012	201280015844.2	103459430	08/17/2016 201280015844.2
70306-EP-EPT	European Procedure (Patents)	HIGH BULK DENSITY AND GOOD FLOWABILITY PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY AND GOOD FLOWABILITY	DOW GLOBAL TECHNOLOGIES LLC	03/29/2012	12712851.0	2694035	
70306-IN-PCT	India	PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY AND GOOD FLOWABILITY PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY AND GOOD FLOWABILITY	DOW GLOBAL TECHNOLOGIES LLC	03/29/2012	7956/CHE.NP/2013		
70306-JP-PCT	Japan	CELLULOSE DERIVATIVES OF HIGH BULK DENSITY AND GOOD FLOWABILITY PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY AND GOOD FLOWABILITY	DOW GLOBAL TECHNOLOGIES LLC	03/29/2012	2014-503690	2014-510184	07/29/2016 5977331
70306-KR-PCT	SOUTH KOREA	CELLULOSE DERIVATIVES OF HIGH BULK DENSITY AND GOOD FLOWABILITY PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY AND GOOD FLOWABILITY	DOW GLOBAL TECHNOLOGIES LLC	03/29/2012	10-2013-7026351	10-2014-0027132	
70306-MX-PCD	Mexico	CELLULOSE DERIVATIVES OF HIGH BULK DENSITY AND GOOD FLOWABILITY PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY AND GOOD FLOWABILITY	DOW GLOBAL TECHNOLOGIES LLC	08/23/2016	MX/a/2016/010962		
70306-MX-PCT	Mexico	CELLULOSE DERIVATIVES OF HIGH BULK DENSITY AND GOOD FLOWABILITY PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY AND GOOD FLOWABILITY	DOW GLOBAL TECHNOLOGIES LLC	03/29/2012	MX/a/2013/011588	MX/a/2013/011588	11/08/2016 343509
70306-US-PCT	United States Of America	CELLULOSE DERIVATIVES OF HIGH BULK DENSITY AND GOOD FLOWABILITY OPTICAL RETARDATION FILM AND METHOD OF MANUFACTURING	DOW GLOBAL TECHNOLOGIES LLC DOW GLOBAL TECHNOLOGIES LLC	03/29/2012	14/009432	2014-0017319	05/31/2016 9352330
70307-CN-PCT	China	CELLULOSE DERIVATIVES OF HIGH BULK DENSITY AND GOOD FLOWABILITY PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY AND GOOD FLOWABILITY	DOW GLOBAL TECHNOLOGIES LLC	08/07/2012	201280038794.X	103733092	04/26/2017 201280038794.X

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
70307-DE-EPT	Germany	OPTICAL RETARDATION FILM AND METHOD OF MANUFACTURING	DOW GLOBAL TECHNOLOGIES LLC	08/07/2012	12750657.4	2742372	09/16/2015	602012010718.9
70307-IN-PCT	India	OPTICAL RETARDATION FILM AND METHOD OF MANUFACTURING	DOW GLOBAL TECHNOLOGIES LLC	08/07/2012	935/CHENP/2014	935/CHENP/2014		
70307-KR-PCT	SOUTH KOREA	OPTICAL RETARDATION FILM AND METHOD OF MANUFACTURING	DOW GLOBAL TECHNOLOGIES LLC	08/07/2012	10-2014-700665	10-2014-0054240		
70307-TW-NP	Taiwan	OPTICAL RETARDATION FILM AND METHOD OF MANUFACTURING	DOW GLOBAL TECHNOLOGIES LLC	08/10/2012	101128860	201311782	10/01/2016	1551630
70308-BR-PCT	Brazil	LIQUID COMPRISING ANIMAL PROTEIN AND A CARBOXY-CI- C3-ALKYL CELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	01/26/2012	112013020120.7			
70308-CN-PCT	China	LIQUID COMPRISING ANIMAL PROTEIN AND A CARBOXY-CI- C3-ALKYL CELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	01/26/2012	201280005844.4	103327821	04/22/2015	201280005844.4
70308-DE-EPT	Germany	LIQUID COMPRISING ANIMAL PROTEIN AND A CARBOXY-CI- C3-ALKYL CELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	01/26/2012	12703927.9	2672831	11/26/2014	602012003993.0
70308-FR-EPT	France	LIQUID COMPRISING ANIMAL PROTEIN AND A CARBOXY-CI- C3-ALKYL CELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	01/26/2012	12703927.9	2672831	11/26/2014	2672831
70308-GB-EPT	United Kingdom	LIQUID COMPRISING ANIMAL PROTEIN AND A CARBOXY-CI- C3-ALKYL CELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	01/26/2012	12703927.9	2672831	11/26/2014	2672831
70308-IN-PCT	India	LIQUID COMPRISING ANIMAL PROTEIN AND A CARBOXY-CI- C3-ALKYL CELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	01/26/2012	6257/CHENP/2013			
70308-JP-PCT	Japan	LIQUID COMPRISING ANIMAL PROTEIN AND A CARBOXY-CI- C3-ALKYL CELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	01/26/2012	2013-552558	2014-507139	11/18/2016	6042824
70308-NL-EPT	Netherlands	LIQUID COMPRISING ANIMAL PROTEIN AND A CARBOXY-CI- C3-ALKYL CELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	01/26/2012	12703927.9	2672831	11/26/2014	2672831
70308-US-PCD	United States Of America	LIQUID COMPRISING ANIMAL PROTEIN AND A CARBOXY-CI- C3-ALKYL CELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	07/27/2016	15/220589	2016-0330990		
70605-BR-PCT	Brazil	NOVEL POLYSACCHARIDE DERIVATIVES AND DOSAGE FORMS	DOW GLOBAL TECHNOLOGIES LLC	03/29/2012	120130224312			
70605-CN-PCT	China	NOVEL POLYSACCHARIDE DERIVATIVES AND DOSAGE FORMS	DOW GLOBAL TECHNOLOGIES LLC	03/29/2012	201280022115.X	103501817	07/15/2015	201280022115.X

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT NUMBER
70605-DE-EPT	Germany	NOVEL POLYSACCHARIDE DERIVATIVES AND DOSAGE FORMS	DOW GLOBAL TECHNOLOGIES LLC	03/29/2012	12714149.7	2694110	02/11/2015 6020120052376
70605-EP-EPT	European Procedure (Patents)	NOVEL POLYSACCHARIDE DERIVATIVES AND DOSAGE FORMS	DOW GLOBAL TECHNOLOGIES LLC	03/29/2012	12714149.7	2694110	02/11/2015 2694110
70605-FR-EPT	France	NOVEL POLYSACCHARIDE DERIVATIVES AND DOSAGE FORMS	DOW GLOBAL TECHNOLOGIES LLC	03/29/2012	12714149.7	2694110	02/11/2015 2694110
70605-GB-EPT	United Kingdom	NOVEL POLYSACCHARIDE DERIVATIVES AND DOSAGE FORMS	DOW GLOBAL TECHNOLOGIES LLC	03/29/2012	12714149.7	2694110	02/11/2015 2694110
70605-IE-EPT	Ireland	NOVEL POLYSACCHARIDE DERIVATIVES AND DOSAGE FORMS	DOW GLOBAL TECHNOLOGIES LLC	03/29/2012	12714149.7	2694110	02/11/2015 2694110
70605-IN-PCT	India	NOVEL POLYSACCHARIDE DERIVATIVES AND DOSAGE FORMS	DOW GLOBAL TECHNOLOGIES LLC	03/29/2012	6673/CHE/NP/2013	6673/CHE/NP/2013	06/26/2018 298075
70605-JP-PCT	Japan	NOVEL POLYSACCHARIDE DERIVATIVES AND DOSAGE FORMS	DOW GLOBAL TECHNOLOGIES LLC	03/29/2012	2014-503688	2014-510137	04/17/2015 5731708
70605-KR-PCT	SOUTH KOREA	NOVEL POLYSACCHARIDE DERIVATIVES AND DOSAGE FORMS	DOW GLOBAL TECHNOLOGIES LLC	03/29/2012	10-2013-7026356	10-2014-0009452	
70605-MX-PCT	Mexico	NOVEL POLYSACCHARIDE DERIVATIVES AND DOSAGE FORMS	DOW GLOBAL TECHNOLOGIES LLC	03/29/2012	MX/a/2013/011586	MX/a/2013/011586	03/22/2016 337827
70605-US-PCT	United States Of America	NOVEL POLYSACCHARIDE DERIVATIVES AND DOSAGE FORMS	DOW GLOBAL TECHNOLOGIES LLC	03/29/2012	14/009435	2014-0017326	03/31/2015 8992987
70897-BR-PCT	Brazil	SIZE REDUCTION OF ETHYLCELLULOSE POLYMER PARTICLES	DOW GLOBAL TECHNOLOGIES LLC	12/10/2015	112017011863-7		
70897-CN-PCT	China	SIZE REDUCTION OF ETHYLCELLULOSE POLYMER PARTICLES	DOW GLOBAL TECHNOLOGIES LLC	12/10/2015	201580064843.0	107001486	
70897-EP-EPT	European Procedure (Patents)	SIZE REDUCTION OF ETHYLCELLULOSE POLYMER PARTICLES	DOW GLOBAL TECHNOLOGIES LLC	12/10/2015	15828565.0	3230226	
70897-IN-PCT	India	SIZE REDUCTION OF ETHYLCELLULOSE POLYMER PARTICLES	DOW GLOBAL TECHNOLOGIES LLC	12/10/2015	201717022446	201717022446	
70897-JP-PCT	Japan	SIZE REDUCTION OF ETHYLCELLULOSE POLYMER PARTICLES	DOW GLOBAL TECHNOLOGIES LLC	12/10/2015	2017-531505	2018-502185	

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PATENT NUMBER	COUNTRY	FILED	INVENTOR	PATENT NUMBER	PATENT NUMBER	GRANT DATE	GRANT NUMBER
70987-KR-PCT	SOUTH KOREA	SIZE REDUCTION OF ETHYLCELLULOSE POLYMER PARTICLES	DOW GLOBAL TECHNOLOGIES LLC	12/10/2015	10-2017-7016952		
70987-US-PCT	United States Of America	SIZE REDUCTION OF ETHYLCELLULOSE POLYMER PARTICLES	DOW GLOBAL TECHNOLOGIES LLC	12/10/2015	15/533381	2017-0369596	
70987-WO-PCT	International Procedure	ETHYLCELLULOSE POLYMER PARTICLES	DOW GLOBAL TECHNOLOGIES LLC	12/10/2015	PCT/US15/064929	WO/2016/094624	
70982-BR-PCT	Brazil	PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY, GOOD FLOW ABILITY AND IMPROVED DISPERSIBILITY IN COLD WATER	DOW GLOBAL TECHNOLOGIES LLC	03/29/2012	112013022418.5		
70982-CN-PCD	China	PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY, GOOD FLOW ABILITY AND IMPROVED DISPERSIBILITY IN COLD WATER	DOW GLOBAL TECHNOLOGIES LLC	05/16/2016	201610320448.0	105949328	
70982-CN-PCT	China	PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY, GOOD FLOW ABILITY AND IMPROVED DISPERSIBILITY IN COLD WATER	DOW GLOBAL TECHNOLOGIES LLC	03/29/2012	201280025503.3	103561728	08/10/2016 201280025503.3
70982-EP-EPT	European Procedure (Patents)	CELLULOSE DERIVATIVES OF HIGH BULK DENSITY, GOOD FLOW ABILITY AND IMPROVED DISPERSIBILITY IN COLD WATER	DOW GLOBAL TECHNOLOGIES LLC	03/29/2012	12714151.3	2694041	
70982-IN-PCT	India	PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY, GOOD FLOW ABILITY AND IMPROVED DISPERSIBILITY IN COLD WATER	DOW GLOBAL TECHNOLOGIES LLC	03/29/2012	6691/CHE/JP/2013	6691/CHE/JP/2013	
70982-JP-PCT	Japan	CELLULOSE DERIVATIVES OF HIGH BULK DENSITY, GOOD FLOW ABILITY AND IMPROVED DISPERSIBILITY IN COLD WATER	DOW GLOBAL TECHNOLOGIES LLC	03/29/2012	2014-503691	2014-510185	11/04/2016 6034365

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
70982-KR-PCT	SOUTH KOREA	PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY, GOOD FLOW ABILITY AND IMPROVED DISPERSIBILITY IN COLD WATER	DOW GLOBAL TECHNOLOGIES LLC	03/29/2012	10-2013-7026352	10-2014-0015446		
70982-MX-PCT	Mexico	PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY, GOOD FLOW ABILITY AND IMPROVED DISPERSIBILITY IN COLD WATER	DOW GLOBAL TECHNOLOGIES LLC	03/29/2012	MX/a/2013/011688	MX/a/2013/011688		
70982-US-PCT	United States Of America	PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY, GOOD FLOW ABILITY AND IMPROVED DISPERSIBILITY IN COLD WATER	DOW GLOBAL TECHNOLOGIES LLC	03/29/2012	14/009442	2014-0113999	05/10/2016	9334416
71196-BR-PCT	Brazil	SWEETENER COMPOSITION	TECHNOLOGIES LLC	09/11/2012	112014003104.5			
71196-CN-PCT	China	SWEETENER COMPOSITION	TECHNOLOGIES LLC	09/11/2012	201280044560.6	103813720	03/16/2016	201280044560.6
71196-DE-EPT	Germany	SWEETENER COMPOSITION	TECHNOLOGIES LLC					
71196-EP-EPT	European Procedure (Patents)	SWEETENER COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	09/11/2012	12769215.0	2755502		
71196-FR-EPT	France	SWEETENER COMPOSITION	TECHNOLOGIES LLC					
71196-GB-EPT	United Kingdom	SWEETENER COMPOSITION	TECHNOLOGIES LLC					
71196-IN-PCT	India	SWEETENER COMPOSITION	TECHNOLOGIES LLC	09/11/2012	1839/CHENP/2014			
71196-JP-PCT	Japan	SWEETENER COMPOSITION	TECHNOLOGIES LLC	09/11/2012	2014-530730	2014-526264	01/27/2017	6082010
71196-KR-PCT	SOUTH KOREA	SWEETENER COMPOSITION	TECHNOLOGIES LLC	09/11/2012	10-2014-7006827	10-2014-0062067		
71196-NL-EPT	Netherlands	SWEETENER COMPOSITION	TECHNOLOGIES LLC					
71353-BR-PCT	Brazil	ESTERIFIED CELLULOSE ETHERS HAVING A SPECIFIC SUBSTITUENT DISTRIBUTION	DOW GLOBAL TECHNOLOGIES LLC	10/24/2012	112014020722.4			
71353-CN-PCT	China	ESTERIFIED CELLULOSE ETHERS HAVING A SPECIFIC SUBSTITUENT DISTRIBUTION	DOW GLOBAL TECHNOLOGIES LLC	10/24/2012	201280072177.1	104427979	02/16/2018	201280072177.1

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PATENT NUMBER	CO-PATENT	71353	OWNERS	ISSUANCE DATE	APP. NUMBER	PRI. NUMBER	GRANT NUMBER
71353-DE-EPT	Germany	ESTERIFIED CELLULOSE ETHERS HAVING A SPECIFIC SUBSTITUENT DISTRIBUTION	DOW GLOBAL TECHNOLOGIES LLC	10/24/2012	12783771.4	2836205	10/19/2016 602012024377.5
71353-EP-EPT	European Procedure (Patents)	ESTERIFIED CELLULOSE ETHERS HAVING A SPECIFIC SUBSTITUENT DISTRIBUTION	DOW GLOBAL TECHNOLOGIES LLC	10/24/2012	12783771.4	2836205	10/19/2016 2836205
71353-FR-EPT	France	ESTERIFIED CELLULOSE ETHERS HAVING A SPECIFIC SUBSTITUENT DISTRIBUTION	DOW GLOBAL TECHNOLOGIES LLC	10/24/2012	12783771.4	2836205	10/19/2016 2836205
71353-GB-EPT	United Kingdom	ESTERIFIED CELLULOSE ETHERS HAVING A SPECIFIC SUBSTITUENT DISTRIBUTION	DOW GLOBAL TECHNOLOGIES LLC	10/24/2012	12783771.4	2836205	10/19/2016 2836205
71353-IE-EPT	Ireland	ESTERIFIED CELLULOSE ETHERS HAVING A SPECIFIC SUBSTITUENT DISTRIBUTION	DOW GLOBAL TECHNOLOGIES LLC	10/24/2012	12783771.4	2836205	10/19/2016 2836205
71353-IN-PCT	India	ESTERIFIED CELLULOSE ETHERS HAVING A SPECIFIC SUBSTITUENT DISTRIBUTION	DOW GLOBAL TECHNOLOGIES LLC	10/24/2012	7375/CHENP/2014		
71353-JP-PCT	Japan	ESTERIFIED CELLULOSE ETHERS HAVING A SPECIFIC SUBSTITUENT DISTRIBUTION	DOW GLOBAL TECHNOLOGIES LLC	10/24/2012	2015-505699	2015-521209	04/28/2017 6133969
71353-KR-PCT	SOUTH KOREA	ESTERIFIED CELLULOSE ETHERS HAVING A SPECIFIC SUBSTITUENT DISTRIBUTION	DOW GLOBAL TECHNOLOGIES LLC	10/24/2012	10-2014-7031594	10-2014-0146181	
71353-US-PCT	United States Of America	ESTERIFIED CELLULOSE ETHERS HAVING A SPECIFIC SUBSTITUENT DISTRIBUTION	DOW GLOBAL TECHNOLOGIES LLC	10/24/2012	14/390041	2015-0065547	04/26/2016 9320799
71354-BR-PCT	Brazil	COMPOSITION COMPRISING AN ORGANIC DILUENT AND A CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	04/08/2013	112014021506-5	112014021506-5	
71354-CH-EPT	Switzerland	COMPOSITION COMPRISING AN ORGANIC DILUENT AND A CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	04/08/2013	13717677.2	2836559	05/25/2016 2836559
71354-CN-PCT	China	COMPOSITION COMPRISING AN ORGANIC DILUENT AND A CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	04/08/2013	201380030562.4	104364329	08/17/2016 201380030562.4
71354-DE-EPT	Germany	COMPOSITION COMPRISING AN ORGANIC DILUENT AND A CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	04/08/2013	13717677.2	2836559	05/25/2016 602013007964.1
71354-FR-EPT	France	COMPOSITION COMPRISING AN ORGANIC DILUENT AND A CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	04/08/2013	13717677.2	2836559	05/25/2016 2836559
71354-GB-EPT	United Kingdom	COMPOSITION COMPRISING AN ORGANIC DILUENT AND A CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	04/08/2013	13717677.2	2836559	05/25/2016 2836559

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		3637-2014/AP/ampCOMPOSITION COMPRISING AN ORGANIC DILUENT AND A CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	04/08/2013	7372/CHE/MP/2014		
71354-IN-PCT	India	COMPOSITION COMPRISING AN ORGANIC DILUENT AND A CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	04/08/2013			
71354-JP-PCT	Japan	COMPOSITION COMPRISING AN ORGANIC DILUENT AND A CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	04/08/2013	2015-505827	2015-512941	6185559
71354-KR-PCT	SOUTH KOREA	COMPOSITION COMPRISING AN ORGANIC DILUENT AND A CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	04/08/2013	10-2014-7031595	10-2014-0144297	
71354-PT-EPT	Portugal	COMPOSITION COMPRISING AN ORGANIC DILUENT AND A CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	04/08/2013	13717677.2	2836559	2836559
71354-US-PCT	United States Of America	COMPOSITION COMPRISING AN ORGANIC DILUENT AND A CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	04/08/2013	14/390049	2015-0065548	9757465
		ZINC CATALYST/ADDITIVE SYSTEM FOR THE POLYMERIZATION OF EPOXIDE MONOMERS	DOW GLOBAL TECHNOLOGIES LLC	11/18/2014	2016-528867		6122221
71427-JP-PCT	Japan	ZINC CATALYST/ADDITIVE SYSTEM FOR THE POLYMERIZATION OF EPOXIDE MONOMERS	DOW GLOBAL TECHNOLOGIES LLC	11/18/2014			
71427-US-PCT	United States Of America	ZINC CATALYST/ADDITIVE SYSTEM FOR THE POLYMERIZATION OF EPOXIDE MONOMERS	DOW GLOBAL TECHNOLOGIES LLC	11/18/2014	15/035407	2016-0289380	9624343
71428-JP-PCT	Japan	ZINC CATALYST/ADDITIVE SYSTEM FOR THE POLYMERIZATION OF EPOXIDE MONOMERS	DOW GLOBAL TECHNOLOGIES LLC	11/18/2014	2016-528160	2017-503034	
71428-US-PCT	United States Of America	ZINC CATALYST/ADDITIVE SYSTEM FOR THE POLYMERIZATION OF EPOXIDE MONOMERS	DOW GLOBAL TECHNOLOGIES LLC	11/18/2014	15/035411	2016-0280853	9938374
		PROCESS FOR PREPARING AN ESTER OF A CELLULOSE ETHER IN THE PRESENCE OF AN ALKALI METAL CARBOXYLATE	DOW GLOBAL TECHNOLOGIES LLC	08/15/2013	112015002050-0		
71456-BR-PCT	Brazil	PROCESS FOR PREPARING AN ESTER OF A CELLULOSE ETHER IN THE PRESENCE OF AN ALKALI METAL CARBOXYLATE	DOW GLOBAL TECHNOLOGIES LLC	08/15/2013			
71456-EP-EPT	European Procedure (Patents)	PROCESS FOR PREPARING AN ESTER OF A CELLULOSE ETHER IN THE PRESENCE OF AN ALKALI METAL CARBOXYLATE	DOW GLOBAL TECHNOLOGIES LLC	08/15/2013	13753061.4	2888292	

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71456-IN-PCT	India	PROCESS FOR PREPARING AN ESTER OF A CELLULOSE ETHER IN THE PRESENCE OF AN ALKALI METAL CARBOXYLATE	DOW GLOBAL TECHNOLOGIES LLC	08/15/2013	990/CHE/2015		
71456-JP-PCT	Japan	PROCESS FOR PREPARING AN ESTER OF A CELLULOSE ETHER IN THE PRESENCE OF AN ALKALI METAL CARBOXYLATE	DOW GLOBAL TECHNOLOGIES LLC	08/15/2013	2015-528541	2015-526566	6254593
71456-KR-PCT	SOUTH KOREA	PROCESS FOR PREPARING AN ESTER OF A CELLULOSE ETHER IN THE PRESENCE OF AN ALKALI METAL CARBOXYLATE	DOW GLOBAL TECHNOLOGIES LLC	08/15/2013	10-2015-7007378	10-2015-0044958	
71456-US-PCT	United States Of America	PROCESS FOR PREPARING AN ESTER OF A CELLULOSE ETHER IN THE PRESENCE OF AN ALKALI METAL CARBOXYLATE	DOW GLOBAL TECHNOLOGIES LLC	08/15/2013	14/420935	2015-0203595	
71563-BR-PCT	Brazil	FOR INDUCING SATIETY	TECHNOLOGIES LLC	10/11/2012	112014008692-3	112014008692-3	
71563-CN-PCT	China	METHODS AND COMPOSITION FOR INDUCING SATIETY	DOW GLOBAL TECHNOLOGIES LLC	10/11/2012	201280051478.6	103917109	201280051478.6
71563-EP-EPT	European Procedure (Patents)	METHODS AND COMPOSITION FOR INDUCING SATIETY	DOW GLOBAL TECHNOLOGIES LLC	10/11/2012	12780355.9	2768317	
71563-IN-PCT	India	METHODS AND COMPOSITION FOR INDUCING SATIETY	DOW GLOBAL TECHNOLOGIES LLC	10/11/2012	2722/CHE/2014	2722/CHE/2014	
71563-JP-PCT	Japan	METHODS AND COMPOSITION FOR INDUCING SATIETY	TECHNOLOGIES LLC	10/11/2012	2014-537123	2014-530857	6208671
71563-KR-PCT	SOUTH KOREA	METHODS AND COMPOSITION FOR INDUCING SATIETY	DOW GLOBAL TECHNOLOGIES LLC	10/11/2012	10-2014-7013399	10-2014-0077975	
71563-US-PCT	America	FOR INDUCING SATIETY	DOW GLOBAL TECHNOLOGIES LLC	10/11/2012	14/350826	2015-0045292	9295712
71612-CN-PCT	China	HIGHLY MISCIBLE POLYMER BLENDS AND USES THEREOF	DOW GLOBAL TECHNOLOGIES LLC	06/19/2012	201280074062.6	104380155	201280074062.6
71612-DE-PCT	Germany	HIGHLY MISCIBLE POLYMER BLENDS AND USES THEREOF	TECHNOLOGIES LLC	06/19/2012	112012006554.9	112012006554.9	
71612-KR-PCT	SOUTH KOREA	HIGHLY MISCIBLE POLYMER BLENDS AND USES THEREOF	DOW GLOBAL TECHNOLOGIES LLC	06/19/2012	10-2015-7001311	10-2015-0020707	
71612-US-PCT	America	HIGHLY MISCIBLE POLYMER BLENDS AND USES THEREOF	DOW GLOBAL TECHNOLOGIES LLC	06/19/2012	14/406082	2015-0116827	9417370
71616-BE-EPT	Belgium	PROCESS FOR PRODUCING A CELLULOSE ETHER ACETATE SUCCINATE	DOW GLOBAL TECHNOLOGIES LLC	10/21/2015	15791419.3	3212673	3212673

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71616-BR-PCT	Brazil	PROCESS FOR PRODUCING A CELLULOSE ETHER ACETATE SUCCINATE	DOW GLOBAL TECHNOLOGIES LLC	10/21/2015	112017008431-7		
71616-CN-PCT	China	PROCESS FOR PRODUCING A CELLULOSE ETHER ACETATE SUCCINATE	DOW GLOBAL TECHNOLOGIES LLC	10/21/2015	201580056583.2		
71616-DE-EPT	Germany	PROCESS FOR PRODUCING A CELLULOSE ETHER ACETATE SUCCINATE	DOW GLOBAL TECHNOLOGIES LLC	10/21/2015	15791419.3	3212673	3212673
71616-EP-EPT	European Procedure (Patents)	PROCESS FOR PRODUCING A CELLULOSE ETHER ACETATE SUCCINATE	DOW GLOBAL TECHNOLOGIES LLC	10/21/2015	15791419.3	3212673	3212673
71616-GB-EPT	United Kingdom	PROCESS FOR PRODUCING A CELLULOSE ETHER ACETATE SUCCINATE	DOW GLOBAL TECHNOLOGIES LLC	10/21/2015	15791419.3	3212673	3212673
71616-IN-PCT	India	PROCESS FOR PRODUCING A CELLULOSE ETHER ACETATE SUCCINATE	DOW GLOBAL TECHNOLOGIES LLC	10/21/2015	201717015985	201717015985	
71616-JP-PCT	Japan	PROCESS FOR PRODUCING A CELLULOSE ETHER ACETATE SUCCINATE	DOW GLOBAL TECHNOLOGIES LLC	10/21/2015	2017-522499		6291137
71616-KR-PCT	SOUTH KOREA	PROCESS FOR PRODUCING A CELLULOSE ETHER ACETATE SUCCINATE	DOW GLOBAL TECHNOLOGIES LLC	10/21/2015	10-2017-7012381	10-2017-0061713	10-1839294
71616-MX-PCT	Mexico	PROCESS FOR PRODUCING A CELLULOSE ETHER ACETATE SUCCINATE	DOW GLOBAL TECHNOLOGIES LLC	10/21/2015	MX/a/2017/005151		356115
71616-SE-EPT	Sweden	PROCESS FOR PRODUCING A CELLULOSE ETHER ACETATE SUCCINATE	DOW GLOBAL TECHNOLOGIES LLC	10/21/2015	15791419.3	3212673	3212673
71616-US-PCT	United States Of America	PROCESS FOR PRODUCING A CELLULOSE ETHER ACETATE SUCCINATE	DOW GLOBAL TECHNOLOGIES LLC	10/21/2015	15/521028	2017-0335018	
71621-BE-EPT	Belgium	PROCESS OF PREPARING AN ESTER OF A CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	03/12/2013	13724915.7	2831121	2831121
71621-CN-PCT	China	PROCESS OF PREPARING AN ESTER OF A CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	03/12/2013	201380016328.6	104245741	201380016328.6
71621-DE-EPT	Germany	PROCESS OF PREPARING AN ESTER OF A CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	03/12/2013	13724915.7	2831121	2831121
71621-EP-EPT	European Procedure (Patents)	PROCESS OF PREPARING AN ESTER OF A CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	03/12/2013	13724915.7	2831121	2831121

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71621-FI-EPT	Finland	PROCESS OF PREPARING AN ESTER OF A CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	03/12/2013	13724915.7	2831121	2831121
71621-IN-PCT	India	PROCESS OF PREPARING AN ESTER OF A CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	03/12/2013	6964/CHENP/2014		
71621-JP-PCD	Japan	PROCESS OF PREPARING AN ESTER OF A CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	01/24/2018	2018-009643	2018-087345	
71621-KR-PCT	SOUTH KOREA	PROCESS OF PREPARING AN ESTER OF A CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	03/12/2013	10-2014-7030012	10-2014-0141681	
71621-NL-EPT	Netherlands	PROCESS OF PREPARING AN ESTER OF A CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	03/12/2013	13724915.7	2831121	2831121
71621-NO-EPT	Norway	PROCESS OF PREPARING AN ESTER OF A CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	03/12/2013	13724915.7	2831121	2831121
71621-SE-EPT	Sweden	PROCESS OF PREPARING AN ESTER OF A CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	03/12/2013	13724915.7	2831121	2831121
71621-US-PCT	United States Of America	PROCESS OF PREPARING AN ESTER OF A CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	03/12/2013	14/384220	2015-0031873	9453081
71659-BE-EPT	Belgium	WATER-DISINTEGRATABLE NON-WOVEN FIBROUS SHEET	DOW GLOBAL TECHNOLOGIES LLC	11/20/2012	12795277.8	2785914	2785914
71659-DE-EPT	Germany	WATER-DISINTEGRATABLE NON-WOVEN FIBROUS SHEET	DOW GLOBAL TECHNOLOGIES LLC	11/20/2012	12795277.8	2785914	602012015739.9
71659-FR-EPT	France	WATER-DISINTEGRATABLE NON-WOVEN FIBROUS SHEET	DOW GLOBAL TECHNOLOGIES LLC	11/20/2012	12795277.8	2785914	2785914
71659-IT-EPT	Italy	WATER-DISINTEGRATABLE NON-WOVEN FIBROUS SHEET	DOW GLOBAL TECHNOLOGIES LLC	11/20/2012	12795277.8	2785914	502016000051608
71659-SE-EPT	Sweden	WATER-DISINTEGRATABLE NON-WOVEN FIBROUS SHEET	DOW GLOBAL TECHNOLOGIES LLC	11/20/2012	12795277.8	2785914	2785914
71659-US-PCT	United States Of America	WATER-DISINTEGRATABLE NON-WOVEN FIBROUS SHEET	DOW GLOBAL TECHNOLOGIES LLC	11/20/2012	14/359316	2014-0326423	9303358
71716-BR-PCT	Brazil	WHIPPABLE TOPPING WITH HIGH FREEZE-THAW STABILITY	DOW GLOBAL TECHNOLOGIES LLC	10/25/2012	112015008728-0		
71716-CN-PCT	China	WHIPPABLE TOPPING WITH HIGH FREEZE-THAW STABILITY	DOW GLOBAL TECHNOLOGIES LLC	10/25/2012	201280077994.6	104955338	201280077994.6
71716-DE-EPT	Germany	WHIPPABLE TOPPING WITH HIGH FREEZE-THAW STABILITY	DOW GLOBAL TECHNOLOGIES LLC	10/25/2012	12887016.9	29111522	602012042217.3

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71716-EP-EPT	European Procedure (Patents)	WHIPPABLE TOPPING WITH HIGH FREEZE-THAW STABILITY	DOW GLOBAL TECHNOLOGIES LLC	10/25/2012	12887016.9	2911522	01/17/2018	2911522
71716-FR-EPT	France	WHIPPABLE TOPPING WITH HIGH FREEZE-THAW STABILITY	DOW GLOBAL TECHNOLOGIES LLC	10/25/2012	12887016.9	2911522	01/17/2018	2911522
71716-GB-EPT	United Kingdom	WHIPPABLE TOPPING WITH HIGH FREEZE-THAW STABILITY	DOW GLOBAL TECHNOLOGIES LLC	10/25/2012	12887016.9	2911522	01/17/2018	2911522
71716-IN-PCT	India	WHIPPABLE TOPPING WITH HIGH FREEZE-THAW STABILITY	DOW GLOBAL TECHNOLOGIES LLC	10/25/2012	2292/CHE/MP/2015			
71716-JP-PCT	Japan	WHIPPABLE TOPPING WITH HIGH FREEZE-THAW STABILITY	DOW GLOBAL TECHNOLOGIES LLC	10/25/2012	2015-537104	2015-533500	10/16/2015	5824191
71716-KR-PCT	SOUTH KOREA	WHIPPABLE TOPPING WITH HIGH FREEZE-THAW STABILITY	DOW GLOBAL TECHNOLOGIES LLC	10/25/2012	10-2015-7013733	10-2015-0079812		
71716-NL-EPT	Netherlands	WHIPPABLE TOPPING WITH HIGH FREEZE-THAW STABILITY	DOW GLOBAL TECHNOLOGIES LLC	10/25/2012	12887016.9	2911522	01/17/2018	2911522
71716-US-PCT	United States Of America	WHIPPABLE TOPPING WITH HIGH FREEZE-THAW STABILITY	DOW GLOBAL TECHNOLOGIES LLC	10/25/2012	14/433931	2015-0237899	03/29/2016	9295275
71718-BR-PCT	Brazil	ALCOHOLS AS EXCIPIENTS FOR PHARMACEUTICAL COMPOSITIONS	DOW GLOBAL TECHNOLOGIES LLC	01/13/2014	112015015847-1			
71718-CH-EPT	Switzerland	ALCOHOLS AS EXCIPIENTS FOR PHARMACEUTICAL COMPOSITIONS	DOW GLOBAL TECHNOLOGIES LLC	01/13/2014	14701660.4	2976108	10/10/2018	2976108
71718-CN-PCT	China	ALCOHOLS AS EXCIPIENTS FOR PHARMACEUTICAL COMPOSITIONS	DOW GLOBAL TECHNOLOGIES LLC	01/13/2014	201480012459.1		09/29/2017	201480012459.1
71718-DE-EPT	Germany	ALCOHOLS AS EXCIPIENTS FOR PHARMACEUTICAL COMPOSITIONS	DOW GLOBAL TECHNOLOGIES LLC	01/13/2014	14701660.4	2976108	10/10/2018	2976108
71718-EP-EPT	European Procedure (Patents)	ALCOHOLS AS EXCIPIENTS FOR PHARMACEUTICAL COMPOSITIONS	DOW GLOBAL TECHNOLOGIES LLC	01/13/2014	14701660.4	2976108	10/10/2018	2976108

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71718-FR-EPT	France	POLYALKOXYLATED ALCOHOLS AS EXCIPIENTS FOR PHARMACEUTICAL COMPOSITIONS	DOW GLOBAL TECHNOLOGIES LLC	01/13/2014	14701660.4	2976108	10/10/2018	2976108
71718-GB-EPT	United Kingdom	POLYALKOXYLATED ALCOHOLS AS EXCIPIENTS FOR PHARMACEUTICAL COMPOSITIONS	DOW GLOBAL TECHNOLOGIES LLC	01/13/2014	14701660.4	2976108	10/10/2018	2976108
71718-IE-EPT	Ireland	POLYALKOXYLATED ALCOHOLS AS EXCIPIENTS FOR PHARMACEUTICAL COMPOSITIONS	DOW GLOBAL TECHNOLOGIES LLC	01/13/2014	14701660.4	2976108	10/10/2018	2976108
71718-IN-PCT	India	POLYALKOXYLATED ALCOHOLS AS EXCIPIENTS FOR PHARMACEUTICAL COMPOSITIONS	DOW GLOBAL TECHNOLOGIES LLC	01/13/2014	9091/DEL.NP/2015	9091/DEL.NP/2015		
71718-JP-PCT	Japan	POLYALKOXYLATED ALCOHOLS AS EXCIPIENTS FOR PHARMACEUTICAL COMPOSITIONS	DOW GLOBAL TECHNOLOGIES LLC	01/13/2014	2016-500163		10/21/2016	6027285
71718-KR-PCT	SOUTH KOREA	POLYALKOXYLATED ALCOHOLS AS EXCIPIENTS FOR PHARMACEUTICAL COMPOSITIONS	DOW GLOBAL TECHNOLOGIES LLC	01/13/2014	10-2015-7026834	10-2015-0119962	12/16/2016	10-168852
71718-SE-EPT	Sweden	POLYALKOXYLATED ALCOHOLS AS EXCIPIENTS FOR PHARMACEUTICAL COMPOSITIONS	DOW GLOBAL TECHNOLOGIES LLC	01/13/2014	14701660.4	2976108	10/10/2018	2976108
71718-US-PCT	United States Of America	POLYALKOXYLATED ALCOHOLS AS EXCIPIENTS FOR PHARMACEUTICAL COMPOSITIONS	DOW GLOBAL TECHNOLOGIES LLC	01/13/2014	14/649721	2015-0374823	03/14/2017	9592294
71729-BE-EPT	Belgium	BUILDING COMPOSITION COMPRISING CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	11/15/2012	12795679.5	2649021	04/22/2015	2649021
71729-BR-PCT	Brazil	BUILDING COMPOSITION COMPRISING CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	11/15/2012	112013018034.0			
71729-CN-PCT	China	BUILDING COMPOSITION COMPRISING CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	11/15/2012	201280007099.7	103347835	07/06/2016	201280007099.7
71729-DE-EPT	Germany	BUILDING COMPOSITION COMPRISING CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	11/15/2012	12795679.5	2649021	04/22/2015	602012006932.5
71729-IN-PCT	India	BUILDING COMPOSITION COMPRISING CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	11/15/2012	5047/CHE.NP/2013	5047/CHE.NP/2013		

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71729-JP-PCT	Japan	BUILDING COMPOSITION COMPRISING CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	11/15/2012	2014-544761	2015-502320	07/07/2017
71729-KR-PCT	SOUTH KOREA	BUILDING COMPOSITION COMPRISING CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	11/15/2012	10-2013-7016561	10-2014-0096987	
71729-NL-EPT	Netherlands	BUILDING COMPOSITION COMPRISING CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	11/15/2012	12795679.5	2649021	04/22/2015
71729-US-PCT	United States Of America	BUILDING COMPOSITION COMPRISING CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	11/15/2012	13,999,3259	2014-0287148	06/09/2015
71811-BR-PCT	Brazil	NOVEL ESTERIFIED CELLULOSE ETHERS OF LOW VISCOSITY	DOW GLOBAL TECHNOLOGIES LLC	02/28/2014	112015019807-4		
71811-CH-EPT	Switzerland	NOVEL ESTERIFIED CELLULOSE ETHERS OF LOW VISCOSITY	DOW GLOBAL TECHNOLOGIES LLC	02/28/2014	14713634.5	2964678	04/04/2018
71811-CN-PCT	China	NOVEL ESTERIFIED CELLULOSE ETHERS OF LOW VISCOSITY	DOW GLOBAL TECHNOLOGIES LLC	02/28/2014	201480010211.1	105899542	
71811-DE-EPT	Germany	NOVEL ESTERIFIED CELLULOSE ETHERS OF LOW VISCOSITY	DOW GLOBAL TECHNOLOGIES LLC	02/28/2014	14713634.5	2964678	04/04/2018
71811-EP-EPT	European Procedure (Patents)	NOVEL ESTERIFIED CELLULOSE ETHERS OF LOW VISCOSITY	DOW GLOBAL TECHNOLOGIES LLC	02/28/2014	14713634.5	2964678	04/04/2018
71811-FR-EPT	France	NOVEL ESTERIFIED CELLULOSE ETHERS OF LOW VISCOSITY	DOW GLOBAL TECHNOLOGIES LLC	02/28/2014	14713634.5	2964678	04/04/2018
71811-GB-EPT	United Kingdom	NOVEL ESTERIFIED CELLULOSE ETHERS OF LOW VISCOSITY	DOW GLOBAL TECHNOLOGIES LLC	02/28/2014	14713634.5	2964678	04/04/2018
71811-IE-EPT	Ireland	NOVEL ESTERIFIED CELLULOSE ETHERS OF LOW VISCOSITY	DOW GLOBAL TECHNOLOGIES LLC	02/28/2014	14713634.5	2964678	04/04/2018
71811-IN-PCT	India	NOVEL ESTERIFIED CELLULOSE ETHERS OF LOW VISCOSITY	DOW GLOBAL TECHNOLOGIES LLC	02/28/2014	8603/DEL.NP/2015		
71811-JP-PCT	Japan	NOVEL ESTERIFIED CELLULOSE ETHERS OF LOW VISCOSITY	DOW GLOBAL TECHNOLOGIES LLC	02/28/2014	2015-561432	2016-510826	04/13/2018
71811-KR-PCT	SOUTH KOREA	NOVEL ESTERIFIED CELLULOSE ETHERS OF LOW VISCOSITY	DOW GLOBAL TECHNOLOGIES LLC	02/28/2014	10-2015-7027818	10-2015-0125013	

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
71811-SE-EPT	Sweden	NOVEL ESTERIFIED CELLULOSE ETHERS OF LOW VISCOSITY	DOW GLOBAL TECHNOLOGIES LLC	02/28/2014	14713634.5	2964678	04/04/2018	2964678
71811-US-PCT	United States Of America	NOVEL ESTERIFIED CELLULOSE ETHERS OF LOW VISCOSITY	DOW GLOBAL TECHNOLOGIES LLC	02/28/2014	14766997	2015-0374831	11/08/2016	9486532
71823-BE-EPT	Belgium	SOLID DISPERSION COMPRISING A HIGHLY SUBSTITUTED HYDROXYALKYL METHYLCELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	07/12/2013	13740163.4	2874607	05/31/2017	2874607
71823-BR-PCT	Brazil	SOLID DISPERSION COMPRISING A HIGHLY SUBSTITUTED HYDROXYALKYL METHYLCELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	07/12/2013	112014032017-9			
71823-CH-EPT	Switzerland	SOLID DISPERSION COMPRISING A HIGHLY SUBSTITUTED HYDROXYALKYL METHYLCELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	07/12/2013	13740163.4	2874607	05/31/2017	2874607
71823-CN-PCT	China	SOLID DISPERSION COMPRISING A HIGHLY SUBSTITUTED HYDROXYALKYL METHYLCELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	07/12/2013	201380046174.5	104602673	11/24/2017	201380046174.5
71823-DE-EPT	Germany	SOLID DISPERSION COMPRISING A HIGHLY SUBSTITUTED HYDROXYALKYL METHYLCELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	07/12/2013	13740163.4	2874607	05/31/2017	602013021708.4
71823-FR-EPT	France	SOLID DISPERSION COMPRISING A HIGHLY SUBSTITUTED HYDROXYALKYL METHYLCELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	07/12/2013	13740163.4	2874607	05/31/2017	2874607
71823-GB-EPT	United Kingdom	SOLID DISPERSION COMPRISING A HIGHLY SUBSTITUTED HYDROXYALKYL METHYLCELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	07/12/2013	13740163.4	2874607	05/31/2017	2874607
71823-IE-EPT	Ireland	SOLID DISPERSION COMPRISING A HIGHLY SUBSTITUTED HYDROXYALKYL METHYLCELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	07/12/2013	13740163.4	2874607	05/31/2017	2874607

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Patent Number	Country	Title	Inventor	Filing Date	App. Number	Pub. Number	Pub. Date	Grant Number
71823-IN-PCT	India	SOLID DISPERSION COMPRISING A HIGHLY SUBSTITUTED HYDROXYALKYL METHYLCELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	07/12/2013	226CHENP/2015			
71823-IT-EPT	Italy	SOLID DISPERSION COMPRISING A HIGHLY SUBSTITUTED HYDROXYALKYL METHYLCELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	07/12/2013	13740163.4	2874607	05/31/2017	502017000096521
71823-JP-PCT	Japan	SOLID DISPERSION COMPRISING A HIGHLY SUBSTITUTED HYDROXYALKYL METHYLCELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	07/12/2013	2015-523138	2015-522613	11/02/2017	6235584
71823-KR-PCT	SOUTH KOREA	SOLID DISPERSION COMPRISING A HIGHLY SUBSTITUTED HYDROXYALKYL METHYLCELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	07/12/2013	10-2015-7001309	10-2015-0031299		
71823-PT-EPT	Portugal	SOLID DISPERSION COMPRISING A HIGHLY SUBSTITUTED HYDROXYALKYL METHYLCELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	07/12/2013	13740163.4	2874607	05/31/2017	2874607
71823-SE-EPT	Sweden	SOLID DISPERSION COMPRISING A HIGHLY SUBSTITUTED HYDROXYALKYL METHYLCELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	07/12/2013	13740163.4	2874607	05/31/2017	2874607
71823-US-PCT	United States Of America	SOLID DISPERSION COMPRISING A HIGHLY SUBSTITUTED HYDROXYALKYL METHYLCELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	07/12/2013	14/413241	2015-0140091	05/08/2018	9962446
71825-BR-PCT	Brazil	PROCESS FOR PREPARING AN ESTER OF A CELLULOSE ETHER IN THE PRESENCE OF AN ALIPHATIC CARBOXYLIC ACID	DOW GLOBAL TECHNOLOGIES LLC	08/15/2013	112015000073-8			
71825-CN-PCT	China	PROCESS FOR PREPARING AN ESTER OF A CELLULOSE ETHER IN THE PRESENCE OF AN ALIPHATIC CARBOXYLIC ACID	DOW GLOBAL TECHNOLOGIES LLC	08/15/2013	201380055247.7	104755503	03/06/2018	201380055247.7

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71825-EP-EPT	European Procedure (Patents)	PROCESS FOR PREPARING AN ESTER OF A CELLULOSE ETHER IN THE PRESENCE OF AN ALIPHATIC CARBOXYLIC ACID	DOW GLOBAL TECHNOLOGIES LLC	08/15/2013	13752798.2		2888291	
71825-IN-PCT	India	PROCESS FOR PREPARING AN ESTER OF A CELLULOSE ETHER IN THE PRESENCE OF AN ALIPHATIC CARBOXYLIC ACID	DOW GLOBAL TECHNOLOGIES LLC	08/15/2013	987/CHENP/2015			
71825-JP-PCD	Japan	PROCESS FOR PREPARING AN ESTER OF A CELLULOSE ETHER IN THE PRESENCE OF AN ALIPHATIC CARBOXYLIC ACID	DOW GLOBAL TECHNOLOGIES LLC	12/18/2017	2017-241742		2018-076523	
71825-JP-PCT	Japan	PROCESS FOR PREPARING AN ESTER OF A CELLULOSE ETHER IN THE PRESENCE OF AN ALIPHATIC CARBOXYLIC ACID	DOW GLOBAL TECHNOLOGIES LLC	08/15/2013	2015-528540	2015-527464	02/23/2018	6294323
71825-KR-PCT	SOUTH KOREA	PROCESS FOR PREPARING AN ESTER OF A CELLULOSE ETHER IN THE PRESENCE OF AN ALIPHATIC CARBOXYLIC ACID	DOW GLOBAL TECHNOLOGIES LLC	08/15/2013	10-2015-7007377		10-2015-0044957	
71825-MX-PCT	Mexico	PROCESS FOR PREPARING AN ESTER OF A CELLULOSE ETHER IN THE PRESENCE OF AN ALIPHATIC CARBOXYLIC ACID	DOW GLOBAL TECHNOLOGIES LLC	08/15/2013	MX/a/2015/002425	MX/a/2015/002425		
71825-US-PCT	United States Of America	PROCESS FOR PREPARING AN ESTER OF A CELLULOSE ETHER IN THE PRESENCE OF AN ALIPHATIC CARBOXYLIC ACID	DOW GLOBAL TECHNOLOGIES LLC	08/15/2013	14/420921		2015-0218197	
71843-BR-PCT	Brazil	METHODS AND COMPOSITION FOR INDUCING SATIETY	DOW GLOBAL TECHNOLOGIES LLC	10/11/2012	112014008689.3			
71843-CN-PCT	China	METHODS AND COMPOSITION FOR INDUCING SATIETY	DOW GLOBAL TECHNOLOGIES LLC	10/11/2012	201280051030.4		103889246	201280051030.4
71843-EP-EPT	European Procedure (Patents)	METHODS AND COMPOSITION FOR INDUCING SATIETY	DOW GLOBAL TECHNOLOGIES LLC	10/11/2012	12780354.2		2768321	
71843-IN-PCT	India	METHODS AND COMPOSITION FOR INDUCING SATIETY	DOW GLOBAL TECHNOLOGIES LLC	10/11/2012	2795/CHENP/2014			
71843-JP-PCT	Japan	METHODS AND COMPOSITION FOR INDUCING SATIETY	DOW GLOBAL TECHNOLOGIES LLC	10/11/2012	2014-537122	2014-530856	01/13/2017	6073342

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71843-KR-PCT	SOUTH KOREA	METHODS AND COMPOSITION FOR INDUCING SATIETY	DOW GLOBAL TECHNOLOGIES LLC	10/11/2012	10-2014-7013400	10-2014-0077976	
71843-US-PCT	United States Of America	METHODS AND COMPOSITION FOR INDUCING SATIETY	DOW GLOBAL TECHNOLOGIES LLC	10/11/2012	14/350819	2015-0045320	9216191
72337-CN-PCT	China	COMPOSITION FOR EXTRUSION-MOLDED CERAMIC BODIES COMPRISING A CELLULOSE DERIVATIVE OF CERTAIN MEDIAN PARTICLE LENGTH	DOW GLOBAL TECHNOLOGIES LLC	01/31/2013	201380007457.9	104245627	
72337-EP-EPT	European Procedure (Patents)	COMPOSITION FOR EXTRUSION-MOLDED CERAMIC BODIES COMPRISING A CELLULOSE DERIVATIVE OF CERTAIN MEDIAN PARTICLE LENGTH	DOW GLOBAL TECHNOLOGIES LLC	01/31/2013	13703301.5	2812294	
72337-JP-PCT	Japan	COMPOSITION FOR EXTRUSION-MOLDED CERAMIC BODIES COMPRISING A CELLULOSE DERIVATIVE OF CERTAIN MEDIAN PARTICLE LENGTH	DOW GLOBAL TECHNOLOGIES LLC	01/31/2013	2014-556576	2015-506861	6267135
72337-KR-PCT	SOUTH KOREA	COMPOSITION FOR EXTRUSION-MOLDED CERAMIC BODIES COMPRISING A CELLULOSE DERIVATIVE OF CERTAIN MEDIAN PARTICLE LENGTH	DOW GLOBAL TECHNOLOGIES LLC	01/31/2013	10-2014-7024786	10-2014-0131350	
72337-MX-PCT	Mexico	COMPOSITION FOR EXTRUSION-MOLDED CERAMIC BODIES COMPRISING A CELLULOSE DERIVATIVE OF CERTAIN MEDIAN PARTICLE LENGTH	DOW GLOBAL TECHNOLOGIES LLC	01/31/2013	MX/a/2014/009598	MX/a/2014/009598	
72380-BR-PCT	Brazil	NOVEL HYDROXYALKYL METHYL CELLULOSE ACETATE SUCCINATES	DOW GLOBAL TECHNOLOGIES LLC	08/15/2013	112015002055-0	112015002055-0	
72380-CN-PCT	China	NOVEL HYDROXYALKYL METHYL CELLULOSE ACETATE SUCCINATES	DOW GLOBAL TECHNOLOGIES LLC	08/15/2013	201380052439.2	104981483	201380052439.2
72380-EP-EPT	European Procedure (Patents)	NOVEL HYDROXYALKYL METHYL CELLULOSE ACETATE SUCCINATES	DOW GLOBAL TECHNOLOGIES LLC	08/15/2013	13783706.8	2888293	
72380-IN-PCT	India	NOVEL HYDROXYALKYL METHYL CELLULOSE ACETATE SUCCINATES	DOW GLOBAL TECHNOLOGIES LLC	08/15/2013	1014/CHE/NP/2015		

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PATENT NUMBER	INVENTOR	TITLE	OWNERS	PENDING DATE	APP. NUMBER	REF. NUMBER	GRANT NUMBER
72380-JP-PCT	Japan	NOVEL HYDROXYALKYL METHYL CELLULOSE ACETATE SUCCINATES	DOW GLOBAL TECHNOLOGIES LLC	08/15/2013	2015-528531	2015-530432	6215945
72380-KR-PCT	SOUTH KOREA	METHYL CELLULOSE ACETATE SUCCINATES	DOW GLOBAL TECHNOLOGIES LLC	08/15/2013	10-2015-7007504	10-2015-0045510	
72380-MX-PCT	Mexico	NOVEL HYDROXYALKYL METHYL CELLULOSE ACETATE SUCCINATES	DOW GLOBAL TECHNOLOGIES LLC	08/15/2013	MX/a/2015/002430	MX/a/2015/002430	
72380-US-PCT	United States Of America	NOVEL HYDROXYALKYL METHYL CELLULOSE ACETATE SUCCINATES	DOW GLOBAL TECHNOLOGIES LLC	08/15/2013	14/421072	2015-0218198	
72441-CN-PCT	China	CONDUCTIVE COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	10/15/2012	201280077656.2	104981911	201280077656.2
72441-DE-EPT	Germany	CONDUCTIVE COMPOSITION	TECHNOLOGIES LLC	10/15/2012	12886806.4	2907164	602012041485.5
72441-EP-EPT	European Procedure (Patents)	CONDUCTIVE COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	10/15/2012	12886806.4	2907164	2907164
72441-FR-EPT	France	CONDUCTIVE COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	10/15/2012	12886806.4	2907164	2907164
72441-GB-EPT	United Kingdom	CONDUCTIVE COMPOSITION	TECHNOLOGIES LLC	10/15/2012	12886806.4	2907164	2907164
72441-IT-EPT	Italy	CONDUCTIVE COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	10/15/2012	12886806.4	2907164	50201800008088
72441-JP-PCT	Japan	CONDUCTIVE COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	10/15/2012	2015-535951	2015-537068	6100908
72441-KR-PCT	SOUTH KOREA	CONDUCTIVE COMPOSITION	TECHNOLOGIES LLC	10/15/2012	10-2015-7012891	10-2015-0071713	
72441-TW-NP	Taiwan	CONDUCTIVE COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	10/14/2013	102136949	201425342	1607020
72492-BR-PCT	Brazil	NOVEL SUSTAINED RELEASE DOSAGE FORM	DOW GLOBAL TECHNOLOGIES LLC	04/08/2013	112014020719-4	1120140207194	
72492-CH-EPT	Switzerland	NOVEL SUSTAINED RELEASE DOSAGE FORM	TECHNOLOGIES LLC	04/08/2013	13717675.6	2836235	2836235
72492-CN-PCT	China	NOVEL SUSTAINED RELEASE DOSAGE FORM	TECHNOLOGIES LLC	04/08/2013	201380030327.7	104363921	201380030327.7
72492-DE-EPT	Germany	NOVEL SUSTAINED RELEASE DOSAGE FORM	DOW GLOBAL TECHNOLOGIES LLC	04/08/2013	13717675.6	2836235	602013018264.7
72492-FR-EPT	France	NOVEL SUSTAINED RELEASE DOSAGE FORM	DOW GLOBAL TECHNOLOGIES LLC	04/08/2013	13717675.6	2836235	2836235
72492-GB-EPT	United Kingdom	NOVEL SUSTAINED RELEASE DOSAGE FORM	TECHNOLOGIES LLC	04/08/2013	13717675.6	2836235	2836235
72492-IE-EPT	Ireland	NOVEL SUSTAINED RELEASE DOSAGE FORM	TECHNOLOGIES LLC	04/08/2013	13717675.6	2836235	2836235

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Patent Number	Country	Title	Inventor	Filing Date	App. Number	Pub. Number	Pub. Date	Grant Number
72492-IN-PCT	India	NOVEL SUSTAINED RELEASE DOSAGE FORM	DOW GLOBAL TECHNOLOGIES LLC	04/08/2013	7368/CHENP/2014			
72492-JP-PCT	Japan	NOVEL SUSTAINED RELEASE DOSAGE FORM	DOW GLOBAL TECHNOLOGIES LLC	04/08/2013	2015-503687	2015-512421	09/18/2015	5809379
72492-KR-PCT	SOUTH KOREA	NOVEL SUSTAINED RELEASE DOSAGE FORM	DOW GLOBAL TECHNOLOGIES LLC	04/08/2013	10-2014-7031596	10-2014-0144298		
72492-SE-EPT	Sweden	NOVEL SUSTAINED RELEASE DOSAGE FORM	DOW GLOBAL TECHNOLOGIES LLC	04/08/2013	13717675.6	2836235	03/08/2017	2836235
72492-US-PCT	United States Of America	NOVEL SUSTAINED RELEASE DOSAGE FORM	DOW GLOBAL TECHNOLOGIES LLC	04/08/2013	14/390046	2015-0057358	04/11/2017	9616036
		ESTERIFIED CELLULOSE ETHER IN THE PRESENCE OF AN ALKALI METAL CARBOXYLATE AND AN ALIPHATIC CARBOXYLIC ACID						
72493-BR-PCT	Brazil	PROCESS OF PREPARING AN ESTERIFIED CELLULOSE ETHER IN THE PRESENCE OF AN ALKALI METAL CARBOXYLATE AND AN ALIPHATIC CARBOXYLIC ACID	DOW GLOBAL TECHNOLOGIES LLC	08/15/2013	112015000672-8			
72493-CN-PCT	China	PROCESS OF PREPARING AN ESTERIFIED CELLULOSE ETHER IN THE PRESENCE OF AN ALKALI METAL CARBOXYLATE AND AN ALIPHATIC CARBOXYLIC ACID	DOW GLOBAL TECHNOLOGIES LLC	08/15/2013	201380054384.9	104797604	03/06/2018	201380054384.9
72493-EP-EPT	European Procedure (Patents)	PROCESS OF PREPARING AN ESTERIFIED CELLULOSE ETHER IN THE PRESENCE OF AN ALKALI METAL CARBOXYLATE AND AN ALIPHATIC CARBOXYLIC ACID	DOW GLOBAL TECHNOLOGIES LLC	08/15/2013	13753060.6	2888288		
72493-IN-PCT	India	PROCESS OF PREPARING AN ESTERIFIED CELLULOSE ETHER IN THE PRESENCE OF AN ALKALI METAL CARBOXYLATE AND AN ALIPHATIC CARBOXYLIC ACID	DOW GLOBAL TECHNOLOGIES LLC	08/15/2013	998/CHENP/2015			
72493-JP-PCT	Japan	PROCESS OF PREPARING AN ESTERIFIED CELLULOSE ETHER IN THE PRESENCE OF AN ALKALI METAL CARBOXYLATE AND AN ALIPHATIC CARBOXYLIC ACID	DOW GLOBAL TECHNOLOGIES LLC	08/15/2013	2015-528539	2015-526565	06/30/2017	6166372
72493-KR-PCT	SOUTH KOREA	PROCESS OF PREPARING AN ESTERIFIED CELLULOSE ETHER IN THE PRESENCE OF AN ALKALI METAL CARBOXYLATE AND AN ALIPHATIC CARBOXYLIC ACID	DOW GLOBAL TECHNOLOGIES LLC	08/15/2013	10-2015-7007379	10-2015-0045506		

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PATENT NUMBER	CO-PATENT	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
72493-MX-PCT	Mexico	PROCESS OF PREPARING AN ESTERIFIED CELLULOSE ETHER IN THE PRESENCE OF AN ALKALI METAL CARBOXYLATE AND AN ALIPHATIC CARBOXYLIC ACID	DOW GLOBAL TECHNOLOGIES LLC	08/15/2013	MX/a/2015/002426	MX/a/2015/002426		
72493-US-PCT	United States Of America	PROCESS OF PREPARING AN ESTERIFIED CELLULOSE ETHER IN THE PRESENCE OF AN ALKALI METAL CARBOXYLATE AND AN ALIPHATIC CARBOXYLIC ACID	DOW GLOBAL TECHNOLOGIES LLC	08/15/2013	14/420911	2015-0218291		
72496-BR-PCT	Brazil	ORGANIC LIQUID DILUENT AND A CELLULOSE ETHER OF VERY LOW VISCOSITY	DOW GLOBAL TECHNOLOGIES LLC	07/12/2013	112014031471-3			
72496-CH-EPT	Switzerland	COMPOSITION COMPRISING AN ORGANIC LIQUID DILUENT AND A CELLULOSE ETHER OF VERY LOW VISCOSITY	DOW GLOBAL TECHNOLOGIES LLC	07/12/2013	13741943.8	2875072	03/15/2017	2875072
72496-CN-PCT	China	ORGANIC LIQUID DILUENT AND A CELLULOSE ETHER OF VERY LOW VISCOSITY	DOW GLOBAL TECHNOLOGIES LLC	07/12/2013	201380046061.5	104603194	11/24/2017	201380046061.5
72496-DE-EPT	Germany	COMPOSITION COMPRISING AN ORGANIC LIQUID DILUENT AND A CELLULOSE ETHER OF VERY LOW VISCOSITY	DOW GLOBAL TECHNOLOGIES LLC	07/12/2013	13741943.8	2875072	03/15/2017	602013018595.6
72496-FR-EPT	France	COMPOSITION COMPRISING AN ORGANIC LIQUID DILUENT AND A CELLULOSE ETHER OF VERY LOW VISCOSITY	DOW GLOBAL TECHNOLOGIES LLC	07/12/2013	13741943.8	2875072	03/15/2017	2875072
72496-GB-EPT	United Kingdom	COMPOSITION COMPRISING AN ORGANIC LIQUID DILUENT AND A CELLULOSE ETHER OF VERY LOW VISCOSITY	DOW GLOBAL TECHNOLOGIES LLC	07/12/2013	13741943.8	2875072	03/15/2017	2875072
72496-IE-EPT	Ireland	COMPOSITION COMPRISING AN ORGANIC LIQUID DILUENT AND A CELLULOSE ETHER OF VERY LOW VISCOSITY	DOW GLOBAL TECHNOLOGIES LLC	07/12/2013	13741943.8	2875072	03/15/2017	2875072
72496-IN-PCT	India	COMPOSITION COMPRISING AN ORGANIC LIQUID DILUENT AND A CELLULOSE ETHER OF VERY LOW VISCOSITY	DOW GLOBAL TECHNOLOGIES LLC	07/12/2013	234/CHE/NP/2015			

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Case Reference	Country	Item	Owner	Filing Date	App. Number	Pub. Number	Grant Date	Grant Number
		COMPOSITION COMPRISING AN ORGANIC LIQUID DILUENT AND A CELLULOSE ETHER OF VERY LOW VISCOSITY						
72496-IT-EPT	Italy	COMPOSITION COMPRISING AN ORGANIC LIQUID DILUENT AND A CELLULOSE ETHER OF VERY LOW VISCOSITY	DOW GLOBAL TECHNOLOGIES LLC	07/12/2013	13741943.8	2875072	03/15/2017	502017000062056
72496-JP-PCD	Japan	COMPOSITION COMPRISING AN ORGANIC LIQUID DILUENT AND A CELLULOSE ETHER OF VERY LOW VISCOSITY	DOW GLOBAL TECHNOLOGIES LLC	05/09/2016	2016-093769	2016-193908	10/27/2017	6231613
72496-KR-PCT	SOUTH KOREA	COMPOSITION COMPRISING AN ORGANIC LIQUID DILUENT AND A CELLULOSE ETHER OF VERY LOW VISCOSITY	DOW GLOBAL TECHNOLOGIES LLC	07/12/2013	10-2015-7001310	10-2015-0031300		
72496-SE-EPT	Sweden	COMPOSITION COMPRISING AN ORGANIC LIQUID DILUENT AND A CELLULOSE ETHER OF VERY LOW VISCOSITY	DOW GLOBAL TECHNOLOGIES LLC	07/12/2013	13741943.8	2875072	03/15/2017	2875072
72496-US-PCD	United States Of America	COMPOSITION COMPRISING AN ORGANIC LIQUID DILUENT AND A CELLULOSE ETHER OF VERY LOW VISCOSITY	DOW GLOBAL TECHNOLOGIES LLC	10/13/2016	15/292914	2017-0028069		
72535-BR-PCT	Brazil	MELT-EXTRUDED COMPOSITION COMPRISING A CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	04/08/2013	112014020718-6	1120140207186		
72535-CN-PCT	China	MELT-EXTRUDED COMPOSITION COMPRISING A CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	04/08/2013	201380030563.9	104364268	07/20/2016	201380030563.9
72535-DE-EPT	Germany	MELT-EXTRUDED COMPOSITION COMPRISING A CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	04/08/2013	13717678.0	2836517	07/27/2016	602013009849.2
72535-FR-EPT	France	MELT-EXTRUDED COMPOSITION COMPRISING A CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	04/08/2013	13717678.0	2836517	07/27/2016	2836517
72535-GB-EPT	United Kingdom	MELT-EXTRUDED COMPOSITION COMPRISING A CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	04/08/2013	13717678.0	2836517	07/27/2016	2836517
72535-IN-PCT	India	MELT-EXTRUDED COMPOSITION COMPRISING A CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	04/08/2013	7370/CHENP/2014			
72535-IT-EPT	Italy	MELT-EXTRUDED COMPOSITION COMPRISING A CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	04/08/2013	13717678.0	2836517	07/27/2016	502016000107425
72535-JP-PCT	Japan	MELT-EXTRUDED COMPOSITION COMPRISING A CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	04/08/2013	2015-503688	2015-515522	04/17/2015	5731723
72535-KR-PCT	SOUTH KOREA	MELT-EXTRUDED COMPOSITION COMPRISING A CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	04/08/2013	10-2014-7031593	10-2014-0144296		

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
72535-SE-EPT	Sweden	MELT-EXTRUDED COMPOSITION COMPRISING A CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	04/08/2013	13717678.0	2836517	07/27/2016	2836517
72535-US-PCT	United States Of America	MELT-EXTRUDED COMPOSITION COMPRISING A CELLULOSE ETHER PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY, GOOD FLOWABILITY AND/OR DISPERSIBILITY IN COLD WATER AS WELL AS LOW SOLUTION COLOR	DOW GLOBAL TECHNOLOGIES LLC	04/08/2013	14/389838	2015-0057356	06/14/2016	9364546
72642-BE-EPT	Belgium	PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY, GOOD FLOWABILITY AND/OR DISPERSIBILITY IN COLD WATER AS WELL AS LOW SOLUTION COLOR	DOW GLOBAL TECHNOLOGIES LLC	09/23/2013	13771035.6	2900753	07/04/2018	2900753
72642-CN-PCT	China	PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY, GOOD FLOWABILITY AND/OR DISPERSIBILITY IN COLD WATER AS WELL AS LOW SOLUTION COLOR	DOW GLOBAL TECHNOLOGIES LLC	09/23/2013	201380061059.5	104812827	03/08/2017	201380061059.5
72642-DE-EPT	Germany	CELLULOSE DERIVATIVES OF HIGH BULK DENSITY, GOOD FLOWABILITY AND/OR DISPERSIBILITY IN COLD WATER AS WELL AS LOW SOLUTION COLOR PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY, GOOD FLOWABILITY AND/OR DISPERSIBILITY IN COLD WATER AS WELL AS LOW SOLUTION COLOR	DOW GLOBAL TECHNOLOGIES LLC	09/23/2013	13771035.6	2900753	07/04/2018	2900753
72642-EP-EPT	European Procedure (Patents)	CELLULOSE DERIVATIVES OF HIGH BULK DENSITY, GOOD FLOWABILITY AND/OR DISPERSIBILITY IN COLD WATER AS WELL AS LOW SOLUTION COLOR PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY, GOOD FLOWABILITY AND/OR DISPERSIBILITY IN COLD WATER AS WELL AS LOW SOLUTION COLOR	DOW GLOBAL TECHNOLOGIES LLC	09/23/2013	13771035.6	2900753	07/04/2018	2900753
72642-FR-EPT	France	CELLULOSE DERIVATIVES OF HIGH BULK DENSITY, GOOD FLOWABILITY AND/OR DISPERSIBILITY IN COLD WATER AS WELL AS LOW SOLUTION COLOR	DOW GLOBAL TECHNOLOGIES LLC	09/23/2013	13771035.6	2900753	07/04/2018	2900753

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CAS/REFERENCE	COUNTRY	ITEM	OWNER	FILING DATE	APP. NUMBER	PUB. NUMBER	GRANT DATE	GRANT NUMBER
72642-GB-EPT	United Kingdom	PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY, GOOD FLOWABILITY AND/OR DISPERSIBILITY IN COLD WATER AS WELL AS LOW SOLUTION COLOR	DOW GLOBAL TECHNOLOGIES LLC	09/23/2013	13771035.6	2900753	07/04/2018	2900753
		PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY, GOOD FLOWABILITY AND/OR DISPERSIBILITY IN COLD WATER AS WELL AS LOW SOLUTION COLOR	DOW GLOBAL TECHNOLOGIES LLC	09/23/2013	13771035.6	2900753	07/04/2018	2900753
		PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY, GOOD FLOWABILITY AND/OR DISPERSIBILITY IN COLD WATER AS WELL AS LOW SOLUTION COLOR	DOW GLOBAL TECHNOLOGIES LLC	09/23/2013	13771035.6	2900753	07/04/2018	2900753
72642-IN-PCT	India	PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY, GOOD FLOWABILITY AND/OR DISPERSIBILITY IN COLD WATER AS WELL AS LOW SOLUTION COLOR	DOW GLOBAL TECHNOLOGIES LLC	09/23/2013	1633/CHENP/2015			
		PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY, GOOD FLOWABILITY AND/OR DISPERSIBILITY IN COLD WATER AS WELL AS LOW SOLUTION COLOR	DOW GLOBAL TECHNOLOGIES LLC	09/23/2013	1633/CHENP/2015			
		PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY, GOOD FLOWABILITY AND/OR DISPERSIBILITY IN COLD WATER AS WELL AS LOW SOLUTION COLOR	DOW GLOBAL TECHNOLOGIES LLC	09/23/2013	1633/CHENP/2015			
72642-JP-PCT	Japan	PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY, GOOD FLOWABILITY AND/OR DISPERSIBILITY IN COLD WATER AS WELL AS LOW SOLUTION COLOR	DOW GLOBAL TECHNOLOGIES LLC	09/23/2013	2015-531346	2015-530443	11/11/2016	6039812
		PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY, GOOD FLOWABILITY AND/OR DISPERSIBILITY IN COLD WATER AS WELL AS LOW SOLUTION COLOR	DOW GLOBAL TECHNOLOGIES LLC	09/23/2013	2015-531346	2015-530443	11/11/2016	6039812
		PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY, GOOD FLOWABILITY AND/OR DISPERSIBILITY IN COLD WATER AS WELL AS LOW SOLUTION COLOR	DOW GLOBAL TECHNOLOGIES LLC	09/23/2013	2015-531346	2015-530443	11/11/2016	6039812
72642-KR-PCT	SOUTH KOREA	PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY, GOOD FLOWABILITY AND/OR DISPERSIBILITY IN COLD WATER AS WELL AS LOW SOLUTION COLOR	DOW GLOBAL TECHNOLOGIES LLC	09/23/2013	10-2015-7010623	10-2015-0063464		
		PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY, GOOD FLOWABILITY AND/OR DISPERSIBILITY IN COLD WATER AS WELL AS LOW SOLUTION COLOR	DOW GLOBAL TECHNOLOGIES LLC	09/23/2013	10-2015-7010623	10-2015-0063464		
		PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY, GOOD FLOWABILITY AND/OR DISPERSIBILITY IN COLD WATER AS WELL AS LOW SOLUTION COLOR	DOW GLOBAL TECHNOLOGIES LLC	09/23/2013	10-2015-7010623	10-2015-0063464		
72642-NL-EPT	Netherlands	PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY, GOOD FLOWABILITY AND/OR DISPERSIBILITY IN COLD WATER AS WELL AS LOW SOLUTION COLOR	DOW GLOBAL TECHNOLOGIES LLC	09/23/2013	13771035.6	2900753	07/04/2018	2900753
		PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY, GOOD FLOWABILITY AND/OR DISPERSIBILITY IN COLD WATER AS WELL AS LOW SOLUTION COLOR	DOW GLOBAL TECHNOLOGIES LLC	09/23/2013	13771035.6	2900753	07/04/2018	2900753
		PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY, GOOD FLOWABILITY AND/OR DISPERSIBILITY IN COLD WATER AS WELL AS LOW SOLUTION COLOR	DOW GLOBAL TECHNOLOGIES LLC	09/23/2013	13771035.6	2900753	07/04/2018	2900753
72642-SE-EPT	Sweden	SOLUTION COLOR	DOW GLOBAL TECHNOLOGIES LLC	09/23/2013	13771035.6	2900753	07/04/2018	2900753

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT NUMBER
		PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY, GOOD FLOW ABILITY AND/OR DISPERSIBILITY IN COLD WATER AS WELL AS LOW SOLUTION COLOR	United States Of America	05/04/2016	15/096704	2016-0244533	08/21/2018 10053519
72642-US-PCT	United States Of America	PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY, GOOD FLOW ABILITY AND/OR DISPERSIBILITY IN COLD WATER AS WELL AS LOW SOLUTION COLOR	DOW GLOBAL TECHNOLOGIES LLC	09/23/2013	14/422253	2015-0239992	05/17/2016 9340624
72642-US-PCT	United States Of America	DISPERSIBILITY IN COLD WATER AS WELL AS LOW SOLUTION COLOR	DOW GLOBAL TECHNOLOGIES LLC	09/23/2013	14/422253	2015-0239992	05/17/2016 9340624
72711-BR-PCT	Brazil	METHODS FOR REDUCING OIL AND/OR FAT UPTAKE OF FRIED FOODS	DOW GLOBAL TECHNOLOGIES LLC	09/23/2013	112015004916-8		
72711-CN-PCT	China	METHODS FOR REDUCING OIL AND/OR FAT UPTAKE OF FRIED FOODS	DOW GLOBAL TECHNOLOGIES LLC	09/23/2013	201380058715-6	104837364	01/30/2018 201380058715-6
72711-DE-EPT	Germany	METHODS FOR REDUCING OIL AND/OR FAT UPTAKE OF FRIED FOODS	DOW GLOBAL TECHNOLOGIES LLC	09/23/2013	13786337-9	2900081	02/08/2017 602013017340-0
72711-FR-EPT	France	METHODS FOR REDUCING OIL AND/OR FAT UPTAKE OF FRIED FOODS	DOW GLOBAL TECHNOLOGIES LLC	09/23/2013	13786337-9	2900081	02/08/2017 2900081
72711-GB-EPT	United Kingdom	METHODS FOR REDUCING OIL AND/OR FAT UPTAKE OF FRIED FOODS	DOW GLOBAL TECHNOLOGIES LLC	09/23/2013	13786337-9	2900081	02/08/2017 2900081
72711-IN-PCT	India	METHODS FOR REDUCING OIL AND/OR FAT UPTAKE OF FRIED FOODS	DOW GLOBAL TECHNOLOGIES LLC	09/23/2013	1659/CHENP/2015		
72711-JP-PCT	Japan	METHODS FOR REDUCING OIL AND/OR FAT UPTAKE OF FRIED FOODS	DOW GLOBAL TECHNOLOGIES LLC	09/23/2013	2015-534575	2015-530112	05/11/2018 6334542
72711-KR-PCT	SOUTH KOREA	METHODS FOR REDUCING OIL AND/OR FAT UPTAKE OF FRIED FOODS	DOW GLOBAL TECHNOLOGIES LLC	09/23/2013	10-2015-7010828	10-2015-0060931	
72711-NL-EPT	Netherlands	METHODS FOR REDUCING OIL AND/OR FAT UPTAKE OF FRIED FOODS	DOW GLOBAL TECHNOLOGIES LLC	09/23/2013	13786337-9	2900081	02/08/2017 2900081
72711-US-PCT	United States Of America	METHODS FOR REDUCING OIL AND/OR FAT UPTAKE OF FRIED FOODS	DOW GLOBAL TECHNOLOGIES LLC	09/23/2013	14/422369	2015-0230500	
72760-BR-PCT	Brazil	METHOD OF PREPARING AN EDIBLE OLEOGEL	DOW GLOBAL TECHNOLOGIES LLC	06/06/2013	112014027719-2		

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT NUMBER
72760-CN-PCD	China	METHOD OF PREPARING AN EDIBLE OLEOGEL	DOW GLOBAL TECHNOLOGIES LLC	09/21/2017	201710858976.6		107616241
72760-CN-PCT	China	METHOD OF PREPARING AN EDIBLE OLEOGEL	DOW GLOBAL TECHNOLOGIES LLC	06/06/2013	201380044438.3		104582496
72760-EP-EPT	European Procedure (Patents)	METHOD OF PREPARING AN EDIBLE OLEOGEL	DOW GLOBAL TECHNOLOGIES LLC	06/06/2013	13742764.7		2866577
72760-IN-PCT	India	METHOD OF PREPARING AN EDIBLE OLEOGEL	DOW GLOBAL TECHNOLOGIES LLC	06/06/2013	9252/CHE/NP/2014		
72760-KR-PCT	SOUTH KOREA	METHOD OF PREPARING AN EDIBLE OLEOGEL	DOW GLOBAL TECHNOLOGIES LLC	06/06/2013	10-2015-7002153		10-2015-0034208
73048-BR-PCT	Brazil	NOVEL ESTERIFIED CELLULOSE ETHERS OF HIGH MOLECULAR WEIGHT AND HOMOGENEITY	DOW GLOBAL TECHNOLOGIES LLC	08/15/2013	112015002056-9		112015002056-9
73048-CH-EPT	Switzerland	NOVEL ESTERIFIED CELLULOSE ETHERS OF HIGH MOLECULAR WEIGHT AND HOMOGENEITY	DOW GLOBAL TECHNOLOGIES LLC				
73048-CN-PCD	China	NOVEL ESTERIFIED CELLULOSE ETHERS OF HIGH MOLECULAR WEIGHT AND HOMOGENEITY	DOW GLOBAL TECHNOLOGIES LLC	10/31/2017	201711048018.9		107602710
73048-DE-EPT	Germany	NOVEL ESTERIFIED CELLULOSE ETHERS OF HIGH MOLECULAR WEIGHT AND HOMOGENEITY	DOW GLOBAL TECHNOLOGIES LLC				
73048-EP-EPT	European Procedure (Patents)	NOVEL ESTERIFIED CELLULOSE ETHERS OF HIGH MOLECULAR WEIGHT AND HOMOGENEITY	DOW GLOBAL TECHNOLOGIES LLC	08/15/2013	13752793.3		2880290
73048-FR-EPT	France	NOVEL ESTERIFIED CELLULOSE ETHERS OF HIGH MOLECULAR WEIGHT AND HOMOGENEITY	DOW GLOBAL TECHNOLOGIES LLC				
73048-GB-EPT	United Kingdom	NOVEL ESTERIFIED CELLULOSE ETHERS OF HIGH MOLECULAR WEIGHT AND HOMOGENEITY	DOW GLOBAL TECHNOLOGIES LLC				
73048-IE-EPT	Ireland	NOVEL ESTERIFIED CELLULOSE ETHERS OF HIGH MOLECULAR WEIGHT AND HOMOGENEITY	DOW GLOBAL TECHNOLOGIES LLC				
73048-IN-PCT	India	NOVEL ESTERIFIED CELLULOSE ETHERS OF HIGH MOLECULAR WEIGHT AND HOMOGENEITY	DOW GLOBAL TECHNOLOGIES LLC	08/15/2013	936/CHE/NP/2015		

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NO. OF PATENTS	OFFICE	FILED	GRANTED	FILED DATE	APP. NUMBER	PAT. NUMBER	GRANT DATE	GRANT NUMBER
73048-JP-PCT	Japan	NOVEL ESTERIFIED CELLULOSE ETHERS OF HIGH MOLECULAR WEIGHT AND HOMOGENEITY	DOW GLOBAL TECHNOLOGIES LLC	08/15/2013	2015-528529	2015-529727	10/13/2017	6224712
73048-KR-PCT	SOUTH KOREA	NOVEL ESTERIFIED CELLULOSE ETHERS OF HIGH MOLECULAR WEIGHT AND HOMOGENEITY	DOW GLOBAL TECHNOLOGIES LLC	08/15/2013	10-2015-7007505	10-2015-0045511		
73048-MX-PCT	Mexico	NOVEL ESTERIFIED CELLULOSE ETHERS OF HIGH MOLECULAR WEIGHT AND HOMOGENEITY	DOW GLOBAL TECHNOLOGIES LLC	08/15/2013	MX/a/2015/002429	MX/a/2015/002429		
73048-SE-EPT	Sweden	NOVEL ESTERIFIED CELLULOSE ETHERS OF HIGH MOLECULAR WEIGHT AND HOMOGENEITY	DOW GLOBAL TECHNOLOGIES LLC					
73048-US-PCT	United States Of America	NOVEL ESTERIFIED CELLULOSE ETHERS OF HIGH MOLECULAR WEIGHT AND HOMOGENEITY	DOW GLOBAL TECHNOLOGIES LLC	08/15/2013	14/421064	2015-0202301		
73314-BR-PCT	Brazil	PARTIALLY CROSS-LINKED ESTERIFIED CELLULOSE ETHERS	DOW GLOBAL TECHNOLOGIES LLC	08/15/2013	112015002058-5	112015002058-5		
73314-CN-PCT	China	PARTIALLY CROSS-LINKED ESTERIFIED CELLULOSE ETHERS	DOW GLOBAL TECHNOLOGIES LLC	08/15/2013	201380055284.8	104736572	09/05/2017	201380055284.8
73314-EP-EPT	European Procedure (Patents)	PARTIALLY CROSS-LINKED ESTERIFIED CELLULOSE ETHERS	DOW GLOBAL TECHNOLOGIES LLC	08/15/2013	13752792.5	2888289		
73314-IN-PCT	India	PARTIALLY CROSS-LINKED ESTERIFIED CELLULOSE ETHERS	DOW GLOBAL TECHNOLOGIES LLC	08/15/2013	939/CHE/NP/2015			
73314-JP-PCT	Japan	PARTIALLY CROSS-LINKED ESTERIFIED CELLULOSE ETHERS	DOW GLOBAL TECHNOLOGIES LLC	08/15/2013	2015-528528	2015-529726	10/13/2017	6224711
73314-KR-PCT	SOUTH KOREA	ESTERIFIED CELLULOSE ETHERS	DOW GLOBAL TECHNOLOGIES LLC	08/15/2013	10-2015-7007511	10-2015-0045512		
73314-MX-PCT	Mexico	PARTIALLY CROSS-LINKED ESTERIFIED CELLULOSE ETHERS	DOW GLOBAL TECHNOLOGIES LLC	08/15/2013	MX/a/2015/002427	MX/a/2015/002427		
73314-US-PCT	United States Of America	PARTIALLY CROSS-LINKED ESTERIFIED CELLULOSE ETHERS	DOW GLOBAL TECHNOLOGIES LLC	08/15/2013	14/420985	2015-0203597	08/29/2017	9745387

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PATENT NUMBER	COUNTRY	CLASS	INVENTOR	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT NUMBER
73315-BR-PCT	Brazil	PROCESS OF PREPARING A HIGH MOLECULAR WEIGHT ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	05/10/2016	112017023845-4		
73315-CN-PCT	China	PROCESS OF PREPARING A HIGH MOLECULAR WEIGHT ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	05/10/2016	201680025622.7	107567463	
73315-EP-EPT	European Procedure (Patents)	PROCESS OF PREPARING A HIGH MOLECULAR WEIGHT ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	05/10/2016	16726231.0	3294776	
73315-IN-PCT	India	PROCESS OF PREPARING A HIGH MOLECULAR WEIGHT ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	05/10/2016	201717041532	201717041532	
73315-JP-PCT	Japan	PROCESS OF PREPARING A HIGH MOLECULAR WEIGHT ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	05/10/2016	2017-558713	2018-515657	
73315-KR-PCT	SOUTH KOREA	PROCESS OF PREPARING A HIGH MOLECULAR WEIGHT ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	05/10/2016	10-2017-7034715	10-2018-0008523	
73315-US-PCT	United States Of America	PROCESS OF PREPARING A HIGH MOLECULAR WEIGHT ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	05/10/2016	15/569197	2018-0105607	
73315-WO-PCT	International Procedure	PROCESS OF PREPARING A HIGH MOLECULAR WEIGHT ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	05/10/2016	PCT/US16/031584	WO/2016/186895	
73446-BR-PCT	Brazil	PROCESS OF MANUFACTURING LITHIUM CARBOXYMETHYL CELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	05/28/2014	112015028325-0		
73446-CA-PCT	Canada	PROCESS OF MANUFACTURING LITHIUM CARBOXYMETHYL CELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	05/28/2014	2913177		
73446-CN-PCT	China	PROCESS OF MANUFACTURING LITHIUM CARBOXYMETHYL CELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	05/28/2014	201480029270.3	105246919	201480029270.3

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Patent Number	Country	Title	Inventor	Filing Date	App. Number	Pub. Number	Pub. Date	Grant Number
73446-EP-EPT	European Procedure (Patents)	PROCESS OF MANUFACTURING LITHIUM CARBOXYMETHYL CELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	05/28/2014	14732763.9		2984109	
73446-IN-PCT	India	PROCESS OF MANUFACTURING LITHIUM CARBOXYMETHYL CELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	05/28/2014	11226/DEL.NP/2015			
73446-JP-PCT	Japan	PROCESS OF MANUFACTURING LITHIUM CARBOXYMETHYL CELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	05/28/2014	2016-515144	2016-519205	03/10/2017	6105813
73446-KR-PCT	SOUTH KOREA	PROCESS OF MANUFACTURING LITHIUM CARBOXYMETHYL CELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	05/28/2014	10-2015-7036366	10-2016-0030483		
73446-US-PCT	United States Of America	PROCESS OF MANUFACTURING LITHIUM CARBOXYMETHYL CELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	05/28/2014	14/781322	2016-0102153	02/28/2017	9580517
73465-BR-PCT	Brazil	SAUSAGE ADDITIVE COMPRISING CELLULOSE ETHER AND NATURAL GUMS	DOW GLOBAL TECHNOLOGIES LLC	01/30/2013	112015011076-2			
73465-CN-PCT	China	SAUSAGE ADDITIVE COMPRISING CELLULOSE ETHER AND NATURAL GUMS	DOW GLOBAL TECHNOLOGIES LLC	01/30/2013	201380070180.4	105073870	01/12/2018	201380070180.4
73465-DE-EPT	Germany	SAUSAGE ADDITIVE COMPRISING CELLULOSE ETHER AND NATURAL GUMS	DOW GLOBAL TECHNOLOGIES LLC	01/30/2013	13873302.7	2951236	10/10/2018	2951236
73465-EP-EPT	European Procedure (Patents)	SAUSAGE ADDITIVE COMPRISING CELLULOSE ETHER AND NATURAL GUMS	DOW GLOBAL TECHNOLOGIES LLC	01/30/2013	13873302.7	2951236	10/10/2018	2951236
73465-FR-EPT	France	SAUSAGE ADDITIVE COMPRISING CELLULOSE ETHER AND NATURAL GUMS	DOW GLOBAL TECHNOLOGIES LLC	01/30/2013	13873302.7	2951236	10/10/2018	2951236
73465-GB-EPT	United Kingdom	SAUSAGE ADDITIVE COMPRISING CELLULOSE ETHER AND NATURAL GUMS	DOW GLOBAL TECHNOLOGIES LLC	01/30/2013	13873302.7	2951236	10/10/2018	2951236
73465-IN-PCT	India	SAUSAGE ADDITIVE COMPRISING CELLULOSE ETHER AND NATURAL GUMS	DOW GLOBAL TECHNOLOGIES LLC	01/30/2013	7175/DEL.NP/2015	7175/DEL.NP/2015		
73465-JP-PCT	Japan	SAUSAGE ADDITIVE COMPRISING CELLULOSE ETHER AND NATURAL GUMS	DOW GLOBAL TECHNOLOGIES LLC	01/30/2013	2015-554008	2016-506721	07/07/2017	6170180
73465-KR-PCT	SOUTH KOREA	SAUSAGE ADDITIVE COMPRISING CELLULOSE ETHER AND NATURAL GUMS	DOW GLOBAL TECHNOLOGIES LLC	01/30/2013	10-2015-7023598	10-2015-0110810		

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PATENT NUMBER	COUNTRY	TITLE	OWNER	ISSUING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
73465-NL-EPT	Netherlands	SAUSAGE ADDITIVE COMPRISING CELLULOSE ETHER AND NATURAL GUMS	DOW GLOBAL TECHNOLOGIES LLC	01/30/2013	13873302.7	2951236	10/10/2018	2951236
73465-US-PCT	United States Of America	SAUSAGE ADDITIVE COMPRISING CELLULOSE ETHER AND NATURAL GUMS	DOW GLOBAL TECHNOLOGIES LLC	01/30/2013	14/758814	2015-0351440		
73580-BE-EPT	Belgium	METHODS FOR REDUCING OIL AND/OR FAT UPTAKE OF FRIED FOODS	DOW GLOBAL TECHNOLOGIES LLC	09/23/2013	13773509.8	2900079	07/26/2017	2900079
73580-BR-PCT	Brazil	METHODS FOR REDUCING OIL AND/OR FAT UPTAKE OF FRIED FOODS	DOW GLOBAL TECHNOLOGIES LLC	09/23/2013	112015004913-3			
73580-CN-PCT	China	METHODS FOR REDUCING OIL AND/OR FAT UPTAKE OF FRIED FOODS	DOW GLOBAL TECHNOLOGIES LLC	09/23/2013	201380061354.0	104918501	07/18/2017	201380061354.0
73580-DE-EPT	Germany	METHODS FOR REDUCING OIL AND/OR FAT UPTAKE OF FRIED FOODS	DOW GLOBAL TECHNOLOGIES LLC	09/23/2013	13773509.8	2900079	07/26/2017	602013024095.7
73580-ES-EPT	Spain	METHODS FOR REDUCING OIL AND/OR FAT UPTAKE OF FRIED FOODS	DOW GLOBAL TECHNOLOGIES LLC	09/23/2013	13773509.8	2900079	07/26/2017	2900079
73580-FR-EPT	France	METHODS FOR REDUCING OIL AND/OR FAT UPTAKE OF FRIED FOODS	DOW GLOBAL TECHNOLOGIES LLC	09/23/2013	13773509.8	2900079	07/26/2017	2900079
73580-GB-EPT	United Kingdom	METHODS FOR REDUCING OIL AND/OR FAT UPTAKE OF FRIED FOODS	DOW GLOBAL TECHNOLOGIES LLC	09/23/2013	13773509.8	2900079	07/26/2017	2900079
73580-IN-PCT	India	METHODS FOR REDUCING OIL AND/OR FAT UPTAKE OF FRIED FOODS	DOW GLOBAL TECHNOLOGIES LLC	09/23/2013	1665/CHENP/2015			
73580-JP-PCT	Japan	METHODS FOR REDUCING OIL AND/OR FAT UPTAKE OF FRIED FOODS	DOW GLOBAL TECHNOLOGIES LLC	09/23/2013	2015-532184	2015-528315	01/29/2016	5876623
73580-KR-PCT	SOUTH KOREA	METHODS FOR REDUCING OIL AND/OR FAT UPTAKE OF FRIED FOODS	DOW GLOBAL TECHNOLOGIES LLC	09/23/2013	10-2015-7010830	10-2015-0060933		
73580-NL-EPT	Netherlands	METHODS FOR REDUCING OIL AND/OR FAT UPTAKE OF FRIED FOODS	DOW GLOBAL TECHNOLOGIES LLC	09/23/2013	13773509.8	2900079	07/26/2017	2900079
73580-US-PCT	United States Of America	METHODS FOR REDUCING OIL AND/OR FAT UPTAKE OF FRIED FOODS	DOW GLOBAL TECHNOLOGIES LLC	09/23/2013	14/423242	2015-0223497		
73582-BE-EPT	Belgium	METHODS FOR REDUCING OIL AND/OR FAT UPTAKE OF FRIED FOODS	DOW GLOBAL TECHNOLOGIES LLC	09/07/2015	15002610.2	2989902	11/01/2017	2989902

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PATENT NUMBER	COUNTRY	CLASS	INVENTOR	ASSIGNOR	FILED DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
73582-BE-EPT	Belgium	METHODS FOR REDUCING OIL AND/OR FAT UPTAKE OF FRIED FOODS	DOW GLOBAL TECHNOLOGIES LLC	09/23/2013	13773510.6	2900080	10/25/2017	2900080	
73582-BR-PCT	Brazil	METHODS FOR REDUCING OIL AND/OR FAT UPTAKE OF FRIED FOODS	DOW GLOBAL TECHNOLOGIES LLC	09/23/2013	112015006134-6				
73582-CN-PCT	China	METHODS FOR REDUCING OIL AND/OR FAT UPTAKE OF FRIED FOODS	DOW GLOBAL TECHNOLOGIES LLC	09/23/2013	201380061963.6	104936460	01/12/2018	201380061963.6	
73582-DE-EPD	Germany	FOODS	DOW GLOBAL TECHNOLOGIES LLC	09/07/2015	15002610.2	2989902	11/01/2017	602013028982.4	
73582-DE-EPT	Germany	METHODS FOR REDUCING OIL AND/OR FAT UPTAKE OF FRIED FOODS	DOW GLOBAL TECHNOLOGIES LLC	09/23/2013	13773510.6	2900080	10/25/2017	602013028453.9	
73582-EP-EPD	European Procedure (Patents)	METHODS FOR REDUCING OIL AND/OR FAT UPTAKE OF FRIED FOODS	DOW GLOBAL TECHNOLOGIES LLC	09/07/2015	15002610.2	2989902	11/01/2017	2989902	
73582-EP-EPT	European Procedure (Patents)	METHODS FOR REDUCING OIL AND/OR FAT UPTAKE OF FRIED FOODS	DOW GLOBAL TECHNOLOGIES LLC	09/23/2013	13773510.6	2900080	10/25/2017	2900080	
73582-ES-EPD	Spain	METHODS FOR REDUCING OIL AND/OR FAT UPTAKE OF FRIED FOODS	DOW GLOBAL TECHNOLOGIES LLC	09/07/2015	15002610.2	2989902	11/01/2017	2989902	
73582-ES-EPT	Spain	METHODS FOR REDUCING OIL AND/OR FAT UPTAKE OF FRIED FOODS	DOW GLOBAL TECHNOLOGIES LLC	09/23/2013	13773510.6	2900080	10/25/2017	2900080	
73582-FR-EPD	France	METHODS FOR REDUCING OIL AND/OR FAT UPTAKE OF FRIED FOODS	DOW GLOBAL TECHNOLOGIES LLC	09/07/2015	15002610.2	2989902	11/01/2017	2989902	
73582-FR-EPT	France	METHODS FOR REDUCING OIL AND/OR FAT UPTAKE OF FRIED FOODS	DOW GLOBAL TECHNOLOGIES LLC	09/23/2013	13773510.6	2900080	10/25/2017	2900080	
73582-GB-EPD	United Kingdom	METHODS FOR REDUCING OIL AND/OR FAT UPTAKE OF FRIED FOODS	DOW GLOBAL TECHNOLOGIES LLC	09/07/2015	15002610.2	2989902	11/01/2017	2989902	
73582-GB-EPT	United Kingdom	METHODS FOR REDUCING OIL AND/OR FAT UPTAKE OF FRIED FOODS	DOW GLOBAL TECHNOLOGIES LLC	09/23/2013	13773510.6	2900080	10/25/2017	2900080	
73582-IN-PCT	India	FOODS	TECHNOLOGIES LLC	09/23/2013	1679/CHENP/2015				
73582-JP-PCT	Japan	METHODS FOR REDUCING OIL AND/OR FAT UPTAKE OF FRIED FOODS	DOW GLOBAL TECHNOLOGIES LLC	09/23/2013	2015-534574	2015-530111	03/16/2018	6306595	

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PATENT NUMBER	CO-PATENT	TITLE	OWNER	PENDING DATE	APP. NUMBER	PRI. NUMBER	GRANT NUMBER
73582-KR-PCT	SOUTH KOREA	METHODS FOR REDUCING OIL AND/OR FAT UPTAKE OF FRIED FOODS	DOW GLOBAL TECHNOLOGIES LLC	09/23/2013	10-2015-7010827	10-2015-0058505	
73582-NL-EPT	Netherlands	METHODS FOR REDUCING OIL AND/OR FAT UPTAKE OF FRIED FOODS	DOW GLOBAL TECHNOLOGIES LLC	09/07/2015	15002610.2	2989902	2989902
73582-NL-EPT	Netherlands	METHODS FOR REDUCING OIL AND/OR FAT UPTAKE OF FRIED FOODS	DOW GLOBAL TECHNOLOGIES LLC	09/23/2013	13773510.6	2900080	2900080
73582-US-PCT	United States Of America	METHODS FOR REDUCING OIL AND/OR FAT UPTAKE OF FRIED FOODS	DOW GLOBAL TECHNOLOGIES LLC	09/23/2013	14/423305	2015-0216188	
73583-BR-PCT	Brazil	STABILIZER COMPOSITION FOR FOOD AND BEVERAGE PRODUCTS	DOW GLOBAL TECHNOLOGIES LLC	12/17/2013	112015011071-1		
73583-DE-EPT	Germany	STABILIZER COMPOSITION FOR FOOD AND BEVERAGE PRODUCTS	DOW GLOBAL TECHNOLOGIES LLC	12/17/2013	13815653.4	2941133	602013014243.2
73583-FR-EPT	France	STABILIZER COMPOSITION FOR FOOD AND BEVERAGE PRODUCTS	DOW GLOBAL TECHNOLOGIES LLC	12/17/2013	13815653.4	2941133	2941133
73583-GB-EPT	United Kingdom	STABILIZER COMPOSITION FOR FOOD AND BEVERAGE PRODUCTS	DOW GLOBAL TECHNOLOGIES LLC	12/17/2013	13815653.4	2941133	2941133
73583-JP-PCT	Japan	STABILIZER COMPOSITION FOR FOOD AND BEVERAGE PRODUCTS	DOW GLOBAL TECHNOLOGIES LLC	12/17/2013	2015-551690		5938150
73583-NL-EPT	Netherlands	STABILIZER COMPOSITION FOR FOOD AND BEVERAGE PRODUCTS	DOW GLOBAL TECHNOLOGIES LLC	12/17/2013	13815653.4	2941133	2941133
73583-US-PCD	United States Of America	STABILIZER COMPOSITION FOR FOOD AND BEVERAGE PRODUCTS	DOW GLOBAL TECHNOLOGIES LLC	09/12/2017	15/701903	2018-0000143	
73672-BR-PCT	Brazil	NOVEL ESTERIFIED CELLULOSE ETHERS OF VERY LOW VISCOSITY	DOW GLOBAL TECHNOLOGIES LLC	02/28/2014	112015015846-3		
73672-CH-EPT	Switzerland	NOVEL ESTERIFIED CELLULOSE ETHERS OF VERY LOW VISCOSITY	DOW GLOBAL TECHNOLOGIES LLC	02/28/2014	14715466.0	2964204	2964204
73672-CN-PCT	China	NOVEL ESTERIFIED CELLULOSE ETHERS OF VERY LOW VISCOSITY	DOW GLOBAL TECHNOLOGIES LLC	02/28/2014	201480011014.1	105025887	201480011014.1
73672-DE-EPT	Germany	NOVEL ESTERIFIED CELLULOSE ETHERS OF VERY LOW VISCOSITY	DOW GLOBAL TECHNOLOGIES LLC	02/28/2014	14715466.0	2964204	602014006061.7

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73672-FR-EPT	France	NOVEL ESTERIFIED CELLULOSE ETHERS OF VERY LOW VISCOSITY	DOW GLOBAL TECHNOLOGIES LLC	02/28/2014	14715466.0	2964204	01/01/2017	2964204
73672-GB-EPT	United Kingdom	NOVEL ESTERIFIED CELLULOSE ETHERS OF VERY LOW VISCOSITY	DOW GLOBAL TECHNOLOGIES LLC	02/28/2014	14715466.0	2964204	01/01/2017	2964204
73672-IE-EPT	Ireland	NOVEL ESTERIFIED CELLULOSE ETHERS OF VERY LOW VISCOSITY	DOW GLOBAL TECHNOLOGIES LLC	02/28/2014	14715466.0	2964204	01/01/2017	2964204
73672-IN-PCT	India	NOVEL ESTERIFIED CELLULOSE ETHERS OF VERY LOW VISCOSITY	DOW GLOBAL TECHNOLOGIES LLC	02/28/2014	8747/DELNP/2015			
73672-JP-PCT	Japan	NOVEL ESTERIFIED CELLULOSE ETHERS OF VERY LOW VISCOSITY	DOW GLOBAL TECHNOLOGIES LLC	02/28/2014	2015-560340		01/05/2018	6267239
73672-KR-PCT	SOUTH KOREA	NOVEL ESTERIFIED CELLULOSE ETHERS OF VERY LOW VISCOSITY	DOW GLOBAL TECHNOLOGIES LLC	02/28/2014	10-2015-7026855	10-2015-0119472	09/27/2016	10-1661952
73672-SE-EPT	Sweden	NOVEL ESTERIFIED CELLULOSE ETHERS OF VERY LOW VISCOSITY	DOW GLOBAL TECHNOLOGIES LLC	02/28/2014	14715466.0	2964204	01/01/2017	2964204
73672-US-PCT	United States Of America	NOVEL ESTERIFIED CELLULOSE ETHERS OF VERY LOW VISCOSITY	DOW GLOBAL TECHNOLOGIES LLC	02/28/2014	14766786	2015-0376299	04/11/2017	9617351
73754-BR-PCT	Brazil	COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A HYDROXYALKYL METHYLCELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	07/16/2014	112016000560-0	112016000560-0		
73754-CH-EPT	Switzerland	COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A HYDROXYALKYL METHYLCELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	07/16/2014	14745327.8	3021835	05/10/2017	3021835
73754-CN-PCT	China	COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A HYDROXYALKYL METHYLCELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	07/16/2014	201480037759.5		04/26/2017	201480037759.5
73754-DE-EPT	Germany	COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A HYDROXYALKYL METHYLCELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	07/16/2014	14745327.8	3021835	05/10/2017	602014009755.3

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT NUMBER
73754-FR-EPT	France	COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A HYDROXYLALKYL METHYLCELLULOSE COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A HYDROXYLALKYL METHYLCELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	07/16/2014	14745327.8	3021835	3021835
73754-GB-EPT	United Kingdom	COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A HYDROXYLALKYL METHYLCELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	07/16/2014	14745327.8	3021835	3021835
73754-IE-EPT	Ireland	COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A HYDROXYLALKYL METHYLCELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	07/16/2014	14745327.8	3021835	3021835
73754-IN-PCT	India	COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A HYDROXYLALKYL METHYLCELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	07/16/2014	201617002166		
73754-JP-PCT	Japan	COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A HYDROXYLALKYL METHYLCELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	07/16/2014	2016-516042		6039861
73754-KR-PCT	SOUTH KOREA	COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A HYDROXYLALKYL METHYLCELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	07/16/2014	2016-7003138		10-1740300
73754-SE-EPT	Sweden	COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A HYDROXYLALKYL METHYLCELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	07/16/2014	14745327.8	3021835	3021835
73869-BR-PCT	Brazil	COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A HYDROXYLALKYL METHYLCELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	04/08/2014	112015025714-3		
73869-DE-EPT	Germany	COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A HYDROXYLALKYL METHYLCELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	04/08/2014	14722497.6	2956007	602014022601.9
73869-EP-EPT	European Procedure (Patents)	COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A HYDROXYLALKYL METHYLCELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	04/08/2014	14722497.6	2956007	2956007
73869-ES-EPT	Spain	COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A HYDROXYLALKYL METHYLCELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	04/08/2014	14722497.6	2956007	2956007
73869-FR-EPT	France	COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A HYDROXYLALKYL METHYLCELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	04/08/2014	14722497.6	2956007	2956007

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73869-GB-EPT	United Kingdom	LOW FAT LAMINATED DOUGH AND PASTRY	DOW GLOBAL TECHNOLOGIES LLC	04/08/2014	14722497.6	2956007	03/21/2018	2956007
73869-IN-PCT	India	LOW FAT LAMINATED DOUGH AND PASTRY	TECHNOLOGIES LLC	04/08/2014	10029/DEL.NP/2015	10029/DEL.NP/2015		
73869-IT-EPT	Italy	LOW FAT LAMINATED DOUGH AND PASTRY	DOW GLOBAL TECHNOLOGIES LLC	04/08/2014	14722497.6	2956007	03/21/2018	502018000015322
73869-JP-PCT	Japan	LOW FAT LAMINATED DOUGH AND PASTRY	TECHNOLOGIES LLC	04/08/2014	2016-507593	2016-514486	04/14/2017	6126301
73869-KR-PCT	SOUTH KOREA	LOW FAT LAMINATED DOUGH AND PASTRY	DOW GLOBAL TECHNOLOGIES LLC	04/08/2014	10-2015-7032692	10-2016-0002929		
73869-NL-EPT	Netherlands	LOW FAT LAMINATED DOUGH AND PASTRY	DOW GLOBAL TECHNOLOGIES LLC	04/08/2014	14722497.6	2956007	03/21/2018	2956007
74015-BR-PCT	Brazil	WATER-SOLUBLE POLYSACCHARIDES OF IMPROVED PALATABILITY	DOW GLOBAL TECHNOLOGIES LLC	04/08/2014	112015019575-0			
74015-CN-PCT	China	WATER-SOLUBLE POLYSACCHARIDES OF IMPROVED PALATABILITY	DOW GLOBAL TECHNOLOGIES LLC	04/08/2014	201480017899.6	105102556A	09/12/2017	201480017899.6
74015-DE-EPT	Germany	WATER-SOLUBLE POLYSACCHARIDES OF IMPROVED PALATABILITY	DOW GLOBAL TECHNOLOGIES LLC	04/08/2014	14724914.8	2997098	03/22/2017	602014007883.4
74015-FR-EPT	France	WATER-SOLUBLE POLYSACCHARIDES OF IMPROVED PALATABILITY	DOW GLOBAL TECHNOLOGIES LLC	04/08/2014	14724914.8	2997098	03/22/2017	2997098
74015-GB-EPT	United Kingdom	WATER-SOLUBLE POLYSACCHARIDES OF IMPROVED PALATABILITY	DOW GLOBAL TECHNOLOGIES LLC	04/08/2014	14724914.8	2997098	03/22/2017	2997098
74015-IN-PCT	India	WATER-SOLUBLE POLYSACCHARIDES OF IMPROVED PALATABILITY	DOW GLOBAL TECHNOLOGIES LLC	04/08/2014	9900/DEL.NP/2015	9900/DEL.NP/2015		
74015-JP-PCT	Japan	WATER-SOLUBLE POLYSACCHARIDES OF IMPROVED PALATABILITY	DOW GLOBAL TECHNOLOGIES LLC	04/08/2014	2016-507597	2016-518488	04/13/2018	6321779
74015-KR-PCT	SOUTH KOREA	WATER-SOLUBLE POLYSACCHARIDES OF IMPROVED PALATABILITY	DOW GLOBAL TECHNOLOGIES LLC	04/08/2014	10-2015-7032517	10-2015-0140835		
74015-NL-EPT	Netherlands	WATER-SOLUBLE POLYSACCHARIDES OF IMPROVED PALATABILITY	DOW GLOBAL TECHNOLOGIES LLC	04/08/2014	14724914.8	2997098	03/22/2017	2997098
74015-US-PCT	United States Of America	WATER-SOLUBLE POLYSACCHARIDES OF IMPROVED PALATABILITY	DOW GLOBAL TECHNOLOGIES LLC	04/08/2014	14771678	2016-0021916		
74016-BR-PCT	Brazil	PROCESS FOR PREPARING AN AQUEOUS SOLUTION OF A METHYLCELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	04/08/2014	112015019577-6			

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Patent Number	Country	Title	Owner	Filing Date	App. Number	Pub. Number	Pub. Date	Grant Number
74016-CN-PCT	China	PROCESS FOR PREPARING AN AQUEOUS SOLUTION OF A METHYLCELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	04/08/2014	201480018573.5	105073869	07/14/2017	201480018573.5
74016-DE-EPT	Germany	PROCESS FOR PREPARING AN AQUEOUS SOLUTION OF A METHYLCELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	04/08/2014	14723630.1	2986671	07/12/2017	2986671
74016-FR-EPT	France	PROCESS FOR PREPARING AN AQUEOUS SOLUTION OF A METHYLCELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	04/08/2014	14723630.1	2986671	07/12/2017	2986671
74016-GB-EPT	United Kingdom	PROCESS FOR PREPARING AN AQUEOUS SOLUTION OF A METHYLCELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	04/08/2014	14723630.1	2986671	07/12/2017	2986671
74016-IN-PCT	India	PROCESS FOR PREPARING AN AQUEOUS SOLUTION OF A METHYLCELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	04/08/2014	9901/DEL NP/2015	9901/DEL NP/2015		
74016-JP-PCT	Japan	PROCESS FOR PREPARING AN AQUEOUS SOLUTION OF A METHYLCELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	04/08/2014	2016-507598	2016-519707	05/25/2018	6342990
74016-KR-PCT	SOUTH KOREA	PROCESS FOR PREPARING AN AQUEOUS SOLUTION OF A METHYLCELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	04/08/2014	10-2015-7032377	10-2015-0142039		
74016-NL-EPT	Netherlands	PROCESS FOR PREPARING AN AQUEOUS SOLUTION OF A METHYLCELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	04/08/2014	14723630.1	2986671	07/12/2017	2986671
74016-US-PCD	United States Of America	PROCESS FOR PREPARING AN AQUEOUS SOLUTION OF A METHYLCELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	10/25/2017	15/793308	2018-0042284		
74016-US-PCT	United States Of America	PROCESS FOR PREPARING AN AQUEOUS SOLUTION OF A METHYLCELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	04/08/2014	147711891	2016-0081384	11/28/2017	9826768
74019-BR-PCT	Brazil	PROCESS FOR PREPARING AN AQUEOUS SOLUTION OF SACCHARIDES AND METHYLCELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	04/08/2014	112015019580-6			
74019-CN-PCT	China	PROCESS FOR PREPARING AN AQUEOUS SOLUTION OF SACCHARIDES AND METHYLCELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	04/08/2014	201480017993.1	105050429	06/08/2018	201480017993.1
74019-DE-EPT	Germany	PROCESS FOR PREPARING AN AQUEOUS SOLUTION OF SACCHARIDES AND METHYLCELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	04/08/2014	14724597.1	2986167	07/19/2017	602014011994.8
74019-FR-EPT	France	PROCESS FOR PREPARING AN AQUEOUS SOLUTION OF SACCHARIDES AND METHYLCELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	04/08/2014	14724597.1	2986167	07/19/2017	2986167

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
74019-GB-EPT	United Kingdom	PROCESS FOR PREPARING AN AQUEOUS SOLUTION OF SACCHARIDES AND METHYLCELLULOSE PROCESS FOR PREPARING AN AQUEOUS SOLUTION OF SACCHARIDES AND METHYLCELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	04/08/2014	14724597.1	2986167	07/19/2017	2986167
74019-IN-PCT	India	METHYLCELLULOSE PROCESS FOR PREPARING AN AQUEOUS SOLUTION OF SACCHARIDES AND METHYLCELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	04/08/2014	9902/DEL.NP/2015	9902/DEL.NP/2015		
74019-JP-PCT	Japan	METHYLCELLULOSE PROCESS FOR PREPARING AN AQUEOUS SOLUTION OF SACCHARIDES AND METHYLCELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	04/08/2014	2016-507600	2016-518356		
74019-KR-PCT	SOUTH KOREA	METHYLCELLULOSE PROCESS FOR PREPARING AN AQUEOUS SOLUTION OF SACCHARIDES AND METHYLCELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	04/08/2014	10-2015-7032380	10-2015-0140825		
74019-NL-EPT	Netherlands	METHYLCELLULOSE PROCESS FOR PREPARING AN AQUEOUS SOLUTION OF SACCHARIDES AND METHYLCELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	04/08/2014	14724597.1	2986167	07/19/2017	2986167
74019-US-PCT	United States Of America	METHYLCELLULOSE NOVEL ESTERIFIED CELLULOSE ETHERS OF LOW VISCOSITY AND HIGH MOLECULAR WEIGHT	DOW GLOBAL TECHNOLOGIES LLC	04/08/2014	14/771932	2016-0015058	11/21/2017	9820498
74056-BR-PCT	Brazil	NOVEL ESTERIFIED CELLULOSE ETHERS OF LOW VISCOSITY AND HIGH MOLECULAR WEIGHT	DOW GLOBAL TECHNOLOGIES LLC	02/28/2014	1120150193544			
74056-CH-EPT	Switzerland	NOVEL ESTERIFIED CELLULOSE ETHERS OF LOW VISCOSITY AND HIGH MOLECULAR WEIGHT	DOW GLOBAL TECHNOLOGIES LLC	02/28/2014	14713637.8	2964679	04/04/2018	2964679
74056-CN-PCT	China	NOVEL ESTERIFIED CELLULOSE ETHERS OF LOW VISCOSITY AND HIGH MOLECULAR WEIGHT	DOW GLOBAL TECHNOLOGIES LLC	02/28/2014	201480010121.2	105026435	01/23/2018	201480010121.2
74056-DE-EPT	Germany	NOVEL ESTERIFIED CELLULOSE ETHERS OF LOW VISCOSITY AND HIGH MOLECULAR WEIGHT	DOW GLOBAL TECHNOLOGIES LLC	02/28/2014	14713637.8	2964679	04/04/2018	602014023291.4
74056-EP-EPT	European Procedure (Patents)	NOVEL ESTERIFIED CELLULOSE ETHERS OF LOW VISCOSITY AND HIGH MOLECULAR WEIGHT	DOW GLOBAL TECHNOLOGIES LLC	02/28/2014	14713637.8	2964679	04/04/2018	2964679

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74056-FR-EPT	France	NOVEL ESTERIFIED CELLULOSE ETHERS OF LOW VISCOSITY AND HIGH MOLECULAR WEIGHT	DOW GLOBAL TECHNOLOGIES LLC	02/28/2014	14713637.8	2964679
74056-GB-EPT	United Kingdom	NOVEL ESTERIFIED CELLULOSE ETHERS OF LOW VISCOSITY AND HIGH MOLECULAR WEIGHT	DOW GLOBAL TECHNOLOGIES LLC	02/28/2014	14713637.8	2964679
74056-IE-EPT	Ireland	NOVEL ESTERIFIED CELLULOSE ETHERS OF LOW VISCOSITY AND HIGH MOLECULAR WEIGHT	DOW GLOBAL TECHNOLOGIES LLC	02/28/2014	14713637.8	2964679
74056-IN-PCT	India	NOVEL ESTERIFIED CELLULOSE ETHERS OF LOW VISCOSITY AND HIGH MOLECULAR WEIGHT	DOW GLOBAL TECHNOLOGIES LLC	02/28/2014	8744/DEL.NP/2015	2964679
74056-JP-PCT	Japan	NOVEL ESTERIFIED CELLULOSE ETHERS OF LOW VISCOSITY AND HIGH MOLECULAR WEIGHT	DOW GLOBAL TECHNOLOGIES LLC	02/28/2014	2015-561465	6321689
74056-KR-PCT	SOUTH KOREA	NOVEL ESTERIFIED CELLULOSE ETHERS OF LOW VISCOSITY AND HIGH MOLECULAR WEIGHT	DOW GLOBAL TECHNOLOGIES LLC	02/28/2014	10-2015-7027816	2964679
74056-SE-EPT	Sweden	NOVEL ESTERIFIED CELLULOSE ETHERS OF LOW VISCOSITY AND HIGH MOLECULAR WEIGHT	DOW GLOBAL TECHNOLOGIES LLC	02/28/2014	14713637.8	2964679
74056-US-PCD	United States Of America	NOVEL ESTERIFIED CELLULOSE ETHERS OF LOW VISCOSITY AND HIGH MOLECULAR WEIGHT	DOW GLOBAL TECHNOLOGIES LLC	07/18/2018	16/038327	2964679
74056-US-PCT	United States Of America	NOVEL ESTERIFIED CELLULOSE ETHERS OF LOW VISCOSITY AND HIGH MOLECULAR WEIGHT	DOW GLOBAL TECHNOLOGIES LLC	02/28/2014	14/766569	2964679
74146-BR-PCT	Brazil	NOVEL ESTERIFIED CELLULOSE ETHERS OF LOW VISCOSITY AND HIGH MOLECULAR WEIGHT	DOW GLOBAL TECHNOLOGIES LLC	06/13/2011	112012031667-2	2964679
74146-DE-EPT	Germany	NOVEL ESTERIFIED CELLULOSE ETHERS OF LOW VISCOSITY AND HIGH MOLECULAR WEIGHT	DOW GLOBAL TECHNOLOGIES LLC	06/13/2011	11726036.4	602011028331.6

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PATENT NUMBER	INVENTOR	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT NUMBER	GRANT DATE	GRANT NUMBER
74146-EP-EPT	European Procedure (Patents)	HYDROXYPROPYL METHYL CELLULOSE ACETATE SUCCINATE WITH ENHANCED ACETATE AND SUCCINATE SUBSTITUTION	DOW GLOBAL TECHNOLOGIES LLC	06/13/2011	11726036.4	2579896	07/20/2016	2579896	
74146-EP-EPT	France	HYDROXYPROPYL METHYL CELLULOSE ACETATE SUCCINATE WITH ENHANCED ACETATE AND SUCCINATE SUBSTITUTION	DOW GLOBAL TECHNOLOGIES LLC	06/13/2011	11726036.4	2579896	07/20/2016	2579896	
74146-GB-EPT	United Kingdom	HYDROXYPROPYL METHYL CELLULOSE ACETATE SUCCINATE WITH ENHANCED ACETATE AND SUCCINATE SUBSTITUTION	DOW GLOBAL TECHNOLOGIES LLC	06/13/2011	11726036.4	2579896	07/20/2016	2579896	
74146-IN-PCT	India	HYDROXYPROPYL METHYL CELLULOSE ACETATE SUCCINATE WITH ENHANCED ACETATE AND SUCCINATE SUBSTITUTION	DOW GLOBAL TECHNOLOGIES LLC	06/13/2011	10330/CHE/NP/2012	10330/CHE/NP/2012			
74146-KR-PCT	SOUTH KOREA	HYDROXYPROPYL METHYL CELLULOSE ACETATE SUCCINATE WITH ENHANCED ACETATE AND SUCCINATE SUBSTITUTION	DOW GLOBAL TECHNOLOGIES LLC	06/13/2011	2013-7000834		12/04/2017	10-1807338	
74146-SE-EPT	Sweden	HYDROXYPROPYL METHYL CELLULOSE ACETATE SUCCINATE WITH ENHANCED ACETATE AND SUCCINATE SUBSTITUTION	DOW GLOBAL TECHNOLOGIES LLC	06/13/2011	11726036.4	2579896	07/20/2016	2579896	
74146-US-PCT	United States Of America	HYDROXYPROPYL METHYL CELLULOSE ACETATE SUCCINATE WITH ENHANCED ACETATE AND SUCCINATE SUBSTITUTION	DOW GLOBAL TECHNOLOGIES LLC	06/13/2011	13/702331	2013-0102691	05/26/2015	9040033	
74406-BR-PCT	Brazil	ETHERS OF VERY HIGH MOLECULAR WEIGHT	DOW GLOBAL TECHNOLOGIES LLC	02/28/2014	112015014065-3				
74406-CN-PCT	China	ETHERS OF VERY HIGH MOLECULAR WEIGHT	DOW GLOBAL TECHNOLOGIES LLC	02/28/2014	201480010183.3	105007903			
74406-EP-EPT	European Procedure (Patents)	NOVEL ESTERIFIED CELLULOSE ETHERS OF VERY HIGH MOLECULAR WEIGHT	DOW GLOBAL TECHNOLOGIES LLC	02/28/2014	14711076.1	2964203			
74406-IN-PCT	India	NOVEL ESTERIFIED CELLULOSE ETHERS OF VERY HIGH MOLECULAR WEIGHT	DOW GLOBAL TECHNOLOGIES LLC	02/28/2014	8746/DI/NP/2015				

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
74406-JP-PCT	Japan	NOVEL ESTERIFIED CELLULOSE ETHERS OF VERY HIGH MOLECULAR WEIGHT	DOW GLOBAL TECHNOLOGIES LLC	02/28/2014	2015-561433	2016-510827	05/11/2018	6334574
74406-KR-PCT	SOUTH KOREA	NOVEL ESTERIFIED CELLULOSE ETHERS OF VERY HIGH MOLECULAR WEIGHT	DOW GLOBAL TECHNOLOGIES LLC	02/28/2014	10-2015-7027503	10-2015-0128816		
74406-US-PCD	United States Of America	NOVEL ESTERIFIED CELLULOSE ETHERS OF VERY HIGH MOLECULAR WEIGHT	DOW GLOBAL TECHNOLOGIES LLC	01/04/2018	15/861733	2018-0127516		
74406-US-PCT	United States Of America	NOVEL ESTERIFIED CELLULOSE ETHERS OF VERY HIGH MOLECULAR WEIGHT	DOW GLOBAL TECHNOLOGIES LLC	02/28/2014	14/766609	2015-0368366	02/13/2018	9890220
74440-BR-PCT	Brazil	PROCESS FOR PRODUCING ESTERIFIED CELLULOSE ETHERS OF VERY HIGH MOLECULAR WEIGHT AND LOW VISCOSITY	DOW GLOBAL TECHNOLOGIES LLC	05/10/2016	112017023272-3			
74440-CN-PCT	China	PROCESS FOR PRODUCING ESTERIFIED CELLULOSE ETHERS OF VERY HIGH MOLECULAR WEIGHT AND LOW VISCOSITY	TECHNOLOGIES LLC	05/10/2016	201680023614.2	107567462		
74440-EP-EPT	European Procedure (Patents)	PROCESS FOR PRODUCING ESTERIFIED CELLULOSE ETHERS OF VERY HIGH MOLECULAR WEIGHT AND LOW VISCOSITY	DOW GLOBAL TECHNOLOGIES LLC	05/10/2016	16726232.8	3294777		
74440-IN-PCT	India	PROCESS FOR PRODUCING ESTERIFIED CELLULOSE ETHERS OF VERY HIGH MOLECULAR WEIGHT AND LOW VISCOSITY	DOW GLOBAL TECHNOLOGIES LLC	05/10/2016	201717041703	201717041703		
74440-JP-PCT	Japan	PROCESS FOR PRODUCING ESTERIFIED CELLULOSE ETHERS OF VERY HIGH MOLECULAR WEIGHT AND LOW VISCOSITY	DOW GLOBAL TECHNOLOGIES LLC	05/10/2016	2017-558712	2018-515656		
74440-KR-PCT	SOUTH KOREA	PROCESS FOR PRODUCING ESTERIFIED CELLULOSE ETHERS OF VERY HIGH MOLECULAR WEIGHT AND LOW VISCOSITY	DOW GLOBAL TECHNOLOGIES LLC	05/10/2016	10-2017-7034716	10-2018-0008524		
74440-US-PCT	United States Of America	PROCESS FOR PRODUCING ESTERIFIED CELLULOSE ETHERS OF VERY HIGH MOLECULAR WEIGHT AND LOW VISCOSITY	DOW GLOBAL TECHNOLOGIES LLC	05/10/2016	15/569210	2018-0105608		

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PUB. NUMBER	GRANT DATE	GRANT NUMBER
		PROCESS FOR PRODUCING ESTERIFIED CELLULOSE ETHERS OF VERY HIGH MOLECULAR WEIGHT AND LOW VISCOSITY	DOW GLOBAL TECHNOLOGIES LLC	05/10/2016	PCT/US16/031591	WO/2016/186897		
74440-WO-PCT	International Procedure	CELLULOSE ETHERS ESTERIFIED WITH DICARBOXYLIC ACIDS	DOW GLOBAL TECHNOLOGIES LLC	05/07/2014	112015024522-6			
74466-BR-PCT	Brazil	CELLULOSE ETHERS ESTERIFIED WITH DICARBOXYLIC ACIDS	DOW GLOBAL TECHNOLOGIES LLC	05/07/2014	201480024334-0	105164162	11/28/2017	201480024334-0
74466-CN-PCT	China	CELLULOSE ETHERS ESTERIFIED WITH DICARBOXYLIC ACIDS	DOW GLOBAL TECHNOLOGIES LLC	05/07/2014	14731443_9	2997046		
74466-EP-EPT	European Procedure (Patents)	CELLULOSE ETHERS ESTERIFIED WITH DICARBOXYLIC ACIDS	DOW GLOBAL TECHNOLOGIES LLC	05/07/2014	10570/DIENP/2015	10570/DIENP/2015		
74466-IN-PCT	India	CELLULOSE ETHERS ESTERIFIED WITH DICARBOXYLIC ACIDS	DOW GLOBAL TECHNOLOGIES LLC	05/07/2014	2016-513984	2016-519198	03/16/2018	6306691
74466-JP-PCT	Japan	CELLULOSE ETHERS ESTERIFIED WITH DICARBOXYLIC ACIDS	DOW GLOBAL TECHNOLOGIES LLC	05/07/2014	10-2015-7035306	10-2016-0006788		
74466-KR-PCT	SOUTH KOREA	CELLULOSE ETHERS ESTERIFIED WITH DICARBOXYLIC ACIDS	DOW GLOBAL TECHNOLOGIES LLC	05/07/2014	14777838	2016-0289344	02/13/2018	9890221
74466-US-PCT	United States Of America	CELLULOSE ETHERS ESTERIFIED WITH DICARBOXYLIC ACIDS	DOW GLOBAL TECHNOLOGIES LLC	05/07/2014	2016-527063	2016-525115	06/22/2018	6336795
74567-BR-PCT	Brazil	COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A METHYLCELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	07/16/2014	BR112016000283-0			
74567-CN-PCT	China	COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A METHYLCELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	07/16/2014	201480037967_5	105358178		
74567-EP-EPT	European Procedure (Patents)	COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A METHYLCELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	07/16/2014	14745326-0	3021871		
74567-IN-PCT	India	COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A METHYLCELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	07/16/2014	201617002167			
74567-JP-PCT	Japan	COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A METHYLCELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	07/16/2014	2016-527063	2016-525115	06/22/2018	6336795

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
74567-KR-PCT	SOUTH KOREA	COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A METHYLCELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	07/16/2014	2016-7003019	10-2016-0030961		
74567-US-PCT	United States Of America	COMPOSITION FOR APPLICATION TO A NASAL MUCOSA COMPRISING A METHYLCELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	07/16/2014	14/890617	2016-0114047	04/10/2018	9937258
74622-BR-PCT	Brazil	COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	09/15/2014	112016004990-0	112016004990-0		
74622-CH-EPT	Switzerland	COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	09/15/2014	14772547.7	3049060	10/25/2017	3049060
74622-CN-PCT	China	COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	09/15/2014	201480048890.1		04/17/2018	201480048890.1
74622-DE-EPT	Germany	COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	09/15/2014	14772547.7	3049060	10/25/2017	602014016340.8
74622-EP-EPT	European Procedure (Patents)	COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	09/15/2014	14772547.7	3049060	10/25/2017	3049060
74622-FR-EPT	France	COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	09/15/2014	14772547.7	3049060	10/25/2017	3049060
74622-GB-EPT	United Kingdom	COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	09/15/2014	14772547.7	3049060	10/25/2017	3049060
74622-IE-EPT	Ireland	COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	09/15/2014	14772547.7	3049060	10/25/2017	3049060
74622-IN-PCT	India	COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	09/15/2014	201617011167			

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PATENT NUMBER	FOR PARENT	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
74622-JP-PCT	Japan	COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	09/15/2014	2016-515992		01/13/2017	6073525
74622-KR-PCT	SOUTH KOREA	COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	09/15/2014	10-2016-7009498		07/04/2017	10-1756095
74622-SE-EPT	Sweden	COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	09/15/2014	14772547.7	3049060	10/25/2017	3049060
74622-US-PCT	United States Of America	APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	09/15/2014	15/023736	2016-0228559		
74654-BE-EPT	Belgium	PROCESS FOR PREPARING AN ESTER OF A CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	10/21/2015	15791420.1	3212674	08/22/2018	3212674
74654-DE-EPT	Germany	PROCESS FOR PREPARING AN ESTER OF A CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	10/21/2015	15791420.1	3212674	08/22/2018	3212674
74654-EP-EPT	European Procedure (Patents)	PROCESS FOR PREPARING AN ESTER OF A CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	10/21/2015	15791420.1	3212674	08/22/2018	3212674
74654-FR-EPT	France	PROCESS FOR PREPARING AN ESTER OF A CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	10/21/2015	15791420.1	3212674	08/22/2018	3212674
74654-GB-EPT	United Kingdom	PROCESS FOR PREPARING AN ESTER OF A CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	10/21/2015	15791420.1	3212674	08/22/2018	3212674
74654-IN-PCT	India	PROCESS FOR PREPARING AN ESTER OF A CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	10/21/2015	201717015986	201717015986		
74654-KR-PCT	SOUTH KOREA	PROCESS FOR PREPARING AN ESTER OF A CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	10/21/2015	10-2017-7012586		03/12/2018	10-1839295
74654-NL-EPT	Netherlands	PROCESS FOR PREPARING AN ESTER OF A CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	10/21/2015	15791420.1	3212674	08/22/2018	3212674
74654-SE-EPT	Sweden	PROCESS FOR PREPARING AN ESTER OF A CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	10/21/2015	15791420.1	3212674	08/22/2018	3212674
74654-US-PCT	United States Of America	PROCESS FOR PREPARING AN ESTER OF A CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	10/21/2015	15/521065	2017-0335019		

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PATENT NUMBER	COUNTRY	TITLE	OWNER	PENDING DATE	APP. NUMBER	PIF. NUMBER	GRANT DATE	GRANT NUMBER
74662-BR-PCT	Brazil	PROCESS FOR PREPARING AN OLEOCEL	DOW GLOBAL TECHNOLOGIES LLC	05/16/2014	112015028312-8	1120150283128		
74662-CN-PCT	China	PROCESS FOR PREPARING AN OLEOCEL	DOW GLOBAL TECHNOLOGIES LLC	05/16/2014	201480028784.7	105228461		
74662-DE-EPT	Germany	PROCESS FOR PREPARING AN OLEOCEL	DOW GLOBAL TECHNOLOGIES LLC	05/16/2014	14730377.0	3007565	06/20/2018	602014027289.4
74662-EP-EPT	European Procedure (Patents)	PROCESS FOR PREPARING AN OLEOCEL	DOW GLOBAL TECHNOLOGIES LLC	05/16/2014	14730377.0	3007565	06/20/2018	3007565
74662-FR-EPT	France	PROCESS FOR PREPARING AN OLEOCEL	DOW GLOBAL TECHNOLOGIES LLC	05/16/2014	14730377.0	3007565	06/20/2018	3007565
74662-GB-EPT	United Kingdom	PROCESS FOR PREPARING AN OLEOCEL	DOW GLOBAL TECHNOLOGIES LLC	05/16/2014	14730377.0	3007565	06/20/2018	3007565
74662-IN-PCT	India	PROCESS FOR PREPARING AN OLEOCEL	DOW GLOBAL TECHNOLOGIES LLC	05/16/2014	11154/DEL.NP/2015			
74662-JP-PCT	Japan	PROCESS FOR PREPARING AN OLEOCEL	DOW GLOBAL TECHNOLOGIES LLC	05/16/2014	2016-516687	2016-519956		
74662-KR-PCT	SOUTH KOREA	PROCESS FOR PREPARING AN OLEOCEL	DOW GLOBAL TECHNOLOGIES LLC	05/16/2014	10-2015-7036358	10-2016-0030892		
74662-NL-EPT	Netherlands	PROCESS FOR PREPARING AN OLEOCEL	DOW GLOBAL TECHNOLOGIES LLC	05/16/2014	14730377.0	3007565	06/20/2018	3007565
74662-US-PCT	United States Of America	PROCESS FOR PREPARING AN OLEOCEL	DOW GLOBAL TECHNOLOGIES LLC	05/16/2014	14/892,354	2016-0081374	05/23/2017	9655376
74847-BR-PCT	Brazil	COMPOSITION COMPRISING AN ORGANIC LIQUID DILUENT AND A SPECIFIC HYDROXYALKYL METHYLCELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	09/15/2014	112016005470-9	112016005470-9		
74847-CH-EPT	Switzerland	COMPOSITION COMPRISING AN ORGANIC LIQUID DILUENT AND A SPECIFIC HYDROXYALKYL METHYLCELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	09/15/2014	14777984.7	3049061	06/20/2018	3049061
74847-CN-PCT	China	COMPOSITION COMPRISING AN ORGANIC LIQUID DILUENT AND A SPECIFIC HYDROXYALKYL METHYLCELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	09/15/2014	201480050275.4	105530918		
74847-DE-EPT	Germany	COMPOSITION COMPRISING AN ORGANIC LIQUID DILUENT AND A SPECIFIC HYDROXYALKYL METHYLCELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	09/15/2014	14777984.7	3049061	06/20/2018	602014027325.4

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
74847-EP-EPT	European Procedure (Patents)	COMPOSITION COMPRISING AN ORGANIC LIQUID DILUENT AND A SPECIFIC HYDROXYALKYL METHYLCELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	09/15/2014	14777984.7	3049061	06/20/2018	3049061
74847-FR-EPT	France	COMPOSITION COMPRISING AN ORGANIC LIQUID DILUENT AND A SPECIFIC HYDROXYALKYL METHYLCELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	09/15/2014	14777984.7	3049061	06/20/2018	3049061
74847-GB-EPT	United Kingdom	COMPOSITION COMPRISING AN ORGANIC LIQUID DILUENT AND A SPECIFIC HYDROXYALKYL METHYLCELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	09/15/2014	14777984.7	3049061	06/20/2018	3049061
74847-IE-EPT	Ireland	COMPOSITION COMPRISING AN ORGANIC LIQUID DILUENT AND A SPECIFIC HYDROXYALKYL METHYLCELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	09/15/2014	14777984.7	3049061	06/20/2018	3049061
74847-IN-PCT	India	COMPOSITION COMPRISING AN ORGANIC LIQUID DILUENT AND A SPECIFIC HYDROXYALKYL METHYLCELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	09/15/2014	201617011168			
74847-JP-PCT	Japan	COMPOSITION COMPRISING AN ORGANIC LIQUID DILUENT AND A SPECIFIC HYDROXYALKYL METHYLCELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	09/15/2014	2016-545752	2016-532720	06/15/2018	6353061
74847-KR-PCT	SOUTH KOREA	COMPOSITION COMPRISING AN ORGANIC LIQUID DILUENT AND A SPECIFIC HYDROXYALKYL METHYLCELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	09/15/2014	10-2016-7009496	10-2016-0058840		
74847-SE-EPT	Sweden	COMPOSITION COMPRISING AN ORGANIC LIQUID DILUENT AND A SPECIFIC HYDROXYALKYL METHYLCELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	09/15/2014	14777984.7	3049061	06/20/2018	3049061
74847-US-PCT	United States Of America	COMPOSITION COMPRISING AN ORGANIC LIQUID DILUENT AND A SPECIFIC HYDROXYALKYL METHYLCELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	09/15/2014	15/023856	2016-0235682		

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
74850-BE-EPT	Belgium	A PROCESS FOR RECOVERING AN ESTERIFIED CELLULOSE ETHER FROM A REACTION PRODUCT MIXTURE A PROCESS FOR RECOVERING AN ESTERIFIED CELLULOSE ETHER FROM A REACTION PRODUCT MIXTURE	DOW GLOBAL TECHNOLOGIES LLC	09/15/2014	14772260.7	3049446	05/03/2017	3049446
74850-BR-PCT	Brazil	PRODUCT MIXTURE A PROCESS FOR RECOVERING AN ESTERIFIED CELLULOSE ETHER FROM A REACTION PRODUCT MIXTURE	DOW GLOBAL TECHNOLOGIES LLC	09/15/2014	BR112016004561-0			
74850-DE-EPT	Germany	A PROCESS FOR RECOVERING AN ESTERIFIED CELLULOSE ETHER FROM A REACTION PRODUCT MIXTURE A PROCESS FOR RECOVERING AN ESTERIFIED CELLULOSE ETHER FROM A REACTION PRODUCT MIXTURE	DOW GLOBAL TECHNOLOGIES LLC	09/15/2014	14772260.7	3049446	05/03/2017	602014099487.2
74850-EP-EPT	European Procedure (Patents)	ETHER FROM A REACTION PRODUCT MIXTURE A PROCESS FOR RECOVERING AN ESTERIFIED CELLULOSE ETHER FROM A REACTION PRODUCT MIXTURE	DOW GLOBAL TECHNOLOGIES LLC	09/15/2014	14772260.7	3049446	05/03/2017	3049446
74850-FR-EPT	France	AN ESTERIFIED CELLULOSE ETHER FROM A REACTION PRODUCT MIXTURE A PROCESS FOR RECOVERING AN ESTERIFIED CELLULOSE ETHER FROM A REACTION PRODUCT MIXTURE	DOW GLOBAL TECHNOLOGIES LLC	09/15/2014	14772260.7	3049446	05/03/2017	3049446
74850-GB-EPT	United Kingdom	ETHER FROM A REACTION PRODUCT MIXTURE A PROCESS FOR RECOVERING AN ESTERIFIED CELLULOSE ETHER FROM A REACTION PRODUCT MIXTURE	DOW GLOBAL TECHNOLOGIES LLC	09/15/2014	14772260.7	3049446	05/03/2017	3049446
74850-IN-PCT	India	AN ESTERIFIED CELLULOSE ETHER FROM A REACTION PRODUCT MIXTURE A PROCESS FOR RECOVERING AN ESTERIFIED CELLULOSE ETHER FROM A REACTION PRODUCT MIXTURE	DOW GLOBAL TECHNOLOGIES LLC	09/15/2014	201617010809			
74850-JP-PCT	Japan	AN ESTERIFIED CELLULOSE ETHER FROM A REACTION PRODUCT MIXTURE A PROCESS FOR RECOVERING AN ESTERIFIED CELLULOSE ETHER FROM A REACTION PRODUCT MIXTURE	DOW GLOBAL TECHNOLOGIES LLC	09/15/2014	2016-516092	2016-532725	01/13/2017	6073526
74850-KR-PCT	SOUTH KOREA	AN ESTERIFIED CELLULOSE ETHER FROM A REACTION PRODUCT MIXTURE A PROCESS FOR RECOVERING AN ESTERIFIED CELLULOSE ETHER FROM A REACTION PRODUCT MIXTURE	DOW GLOBAL TECHNOLOGIES LLC	09/15/2014	2016-7009049		11/04/2016	10-1674912
74850-US-PCT	United States Of America	AN ESTERIFIED CELLULOSE ETHER FROM A REACTION PRODUCT MIXTURE EFFICIENT PROCESS FOR PREPARING AN ESTER OF A CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	09/15/2014	15/022418	2016-0222133	03/07/2017	9587037
74851-BE-EPT	Belgium	EFFICIENT PROCESS FOR PREPARING AN ESTER OF A CELLULOSE ETHER PREPARING AN ESTER OF A CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	10/21/2015	15791421.9	3212675	08/22/2018	3212675
74851-BR-PCT	Brazil	PREPARING AN ESTER OF A CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	10/21/2015	112017008366-3			

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PIF# NUMBER	GRANT NUMBER
74851-DE-EPT	Germany	EFFICIENT PROCESS FOR PREPARING AN ESTER OF A CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	10/21/2015	15791421.9	3212675	3212675
74851-EP-EPT	European Procedure (Patents)	EFFICIENT PROCESS FOR PREPARING AN ESTER OF A CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	10/21/2015	15791421.9	3212675	3212675
74851-FR-EPT	France	EFFICIENT PROCESS FOR PREPARING AN ESTER OF A CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	10/21/2015	15791421.9	3212675	3212675
74851-GB-EPT	United Kingdom	EFFICIENT PROCESS FOR PREPARING AN ESTER OF A CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	10/21/2015	15791421.9	3212675	3212675
74851-IN-PCT	India	EFFICIENT PROCESS FOR PREPARING AN ESTER OF A CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	10/21/2015	201717016204	201717016204	
74851-JP-PCT	Japan	EFFICIENT PROCESS FOR PREPARING AN ESTER OF A CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	10/21/2015	2017-523509		6273076
74851-KR-PCT	SOUTH KOREA	EFFICIENT PROCESS FOR PREPARING AN ESTER OF A CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	10/21/2015	10-2017-7012592		10-1839296
74851-MX-PCT	Mexico	EFFICIENT PROCESS FOR PREPARING AN ESTER OF A CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	10/21/2015	MX/a/2017/005052		355025
74851-US-PCT	United States Of America	EFFICIENT PROCESS FOR PREPARING AN ESTER OF A CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	10/21/2015	15/521088	2017-0355783	
74955-JP-PCT	Japan	ZINC CATALYST/ADDITIVE SYSTEM FOR THE POLYMERIZATION OF EPOXIDE MONOMERS	DOW GLOBAL TECHNOLOGIES LLC	11/18/2014	2016-528907		6122222
74955-US-PCT	United States Of America	ZINC CATALYST/ADDITIVE SYSTEM FOR THE POLYMERIZATION OF EPOXIDE MONOMERS	DOW GLOBAL TECHNOLOGIES LLC	11/18/2014	15/035422	2016-0289381	9879115
75082-BR-PCT	Brazil	AQUEOUS DISPERSION, AN AQUEOUS DISPERSION PRODUCED THEREBY AND A COATING COMPOSITION COMPRISING THE AQUEOUS DISPERSION	DOW GLOBAL TECHNOLOGIES LLC	08/25/2014	112016004061-9		

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
75082-CH-EPT	Switzerland	A PROCESS TO PRODUCE AN AQUEOUS DISPERSION, AN AQUEOUS DISPERSION PRODUCED THEREBY AND A COATING COMPOSITION COMPRISING THE AQUEOUS DISPERSION	DOW GLOBAL TECHNOLOGIES LLC	08/25/2014	14762156.9	3013369	12/27/2017	3013369
75082-CN-PCT	China	A PROCESS TO PRODUCE AN AQUEOUS DISPERSION, AN AQUEOUS DISPERSION PRODUCED THEREBY AND A COATING COMPOSITION COMPRISING THE AQUEOUS DISPERSION	DOW GLOBAL TECHNOLOGIES LLC	08/25/2014	201480047028.9			
75082-DE-EPT	Germany	A PROCESS TO PRODUCE AN AQUEOUS DISPERSION, AN AQUEOUS DISPERSION PRODUCED THEREBY AND A COATING COMPOSITION COMPRISING THE AQUEOUS DISPERSION	DOW GLOBAL TECHNOLOGIES LLC	08/25/2014	14762156.9	3013369	12/27/2017	602014019143.6
75082-EP-EPT	European Procedure (Patents)	A PROCESS TO PRODUCE AN AQUEOUS DISPERSION, AN AQUEOUS DISPERSION PRODUCED THEREBY AND A COATING COMPOSITION COMPRISING THE AQUEOUS DISPERSION	DOW GLOBAL TECHNOLOGIES LLC	08/25/2014	14762156.9	3013369	12/27/2017	3013369
75082-FR-EPT	France	A PROCESS TO PRODUCE AN AQUEOUS DISPERSION, AN AQUEOUS DISPERSION PRODUCED THEREBY AND A COATING COMPOSITION COMPRISING THE AQUEOUS DISPERSION	DOW GLOBAL TECHNOLOGIES LLC	08/25/2014	14762156.9	3013369	12/27/2017	3013369
75082-GB-EPT	United Kingdom	A PROCESS TO PRODUCE AN AQUEOUS DISPERSION, AN AQUEOUS DISPERSION PRODUCED THEREBY AND A COATING COMPOSITION COMPRISING THE AQUEOUS DISPERSION	DOW GLOBAL TECHNOLOGIES LLC	08/25/2014	14762156.9	3013369	12/27/2017	3013369

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
75082-IE-EPT	Ireland	A PROCESS TO PRODUCE AN AQUEOUS DISPERSION, AN AQUEOUS DISPERSION	DOW GLOBAL TECHNOLOGIES LLC	08/25/2014	14762156.9	3013369	12/27/2017	3013369
		PRODUCED THEREBY AND A COATING COMPOSITION COMPRISING THE AQUEOUS DISPERSION						
		A PROCESS TO PRODUCE AN AQUEOUS DISPERSION, AN AQUEOUS DISPERSION						
75082-IN-PCT	India	PRODUCED THEREBY AND A COATING COMPOSITION COMPRISING THE AQUEOUS DISPERSION	DOW GLOBAL TECHNOLOGIES LLC	08/25/2014	201617007560			
		A PROCESS TO PRODUCE AN AQUEOUS DISPERSION, AN AQUEOUS DISPERSION						
		PRODUCED THEREBY AND A COATING COMPOSITION COMPRISING THE AQUEOUS DISPERSION						
75082-JP-PCT	Japan	A PROCESS TO PRODUCE AN AQUEOUS DISPERSION, AN AQUEOUS DISPERSION	DOW GLOBAL TECHNOLOGIES LLC	08/25/2014	2016-539002	2016-531187		
		PRODUCED THEREBY AND A COATING COMPOSITION COMPRISING THE AQUEOUS DISPERSION						
		A PROCESS TO PRODUCE AN AQUEOUS DISPERSION, AN AQUEOUS DISPERSION						
75082-KR-PCT	SOUTH KOREA	PRODUCED THEREBY AND A COATING COMPOSITION COMPRISING THE AQUEOUS DISPERSION	DOW GLOBAL TECHNOLOGIES LLC	08/25/2014	10-2016-7006614			
		A PROCESS TO PRODUCE AN AQUEOUS DISPERSION, AN AQUEOUS DISPERSION						
		PRODUCED THEREBY AND A COATING COMPOSITION COMPRISING THE AQUEOUS DISPERSION						
75082-SE-EPT	Sweden	A PROCESS TO PRODUCE AN AQUEOUS DISPERSION, AN AQUEOUS DISPERSION	DOW GLOBAL TECHNOLOGIES LLC	08/25/2014	14762156.9	3013369	12/27/2017	3013369
		PRODUCED THEREBY AND A COATING COMPOSITION COMPRISING THE AQUEOUS DISPERSION						
		A PROCESS TO PRODUCE AN AQUEOUS DISPERSION, AN AQUEOUS DISPERSION						
75082-US-PCT	United States Of America	PRODUCED THEREBY AND A COATING COMPOSITION COMPRISING THE AQUEOUS DISPERSION	DOW GLOBAL TECHNOLOGIES LLC	08/25/2014	14/914366	2016-0208126	05/15/2018	9969897
		A PROCESS TO PRODUCE AN AQUEOUS DISPERSION, AN AQUEOUS DISPERSION						
		PRODUCED THEREBY AND A COATING COMPOSITION COMPRISING THE AQUEOUS DISPERSION						
75087-BR-PCT	Brazil	METHODS, SYSTEMS, AND DEVICES FOR DESIGNING MOLECULES	DOW GLOBAL TECHNOLOGIES LLC	10/23/2014	112016003993.9			

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PATENT NUMBER	CO-PATENT	TITLE	OWNER	FILING DATE	APP. NUMBER	PIF. NUMBER	GRANT NUMBER
75087-CN-PCT	China	METHODS, SYSTEMS, AND DEVICES FOR DESIGNING MOLECULES	DOW GLOBAL TECHNOLOGIES LLC	10/23/2014	201480054293.X	105593861	
75087-EP-EPT	European Procedure (Patents)	METHODS, SYSTEMS, AND DEVICES FOR DESIGNING MOLECULES	DOW GLOBAL TECHNOLOGIES LLC	10/23/2014	14793964.9	3061014	
75087-IN-PCT	India	METHODS, SYSTEMS, AND DEVICES FOR DESIGNING MOLECULES	DOW GLOBAL TECHNOLOGIES LLC	10/23/2014	201647017228		
75087-JP-PCT	Japan	METHODS, SYSTEMS, AND DEVICES FOR DESIGNING MOLECULES	DOW GLOBAL TECHNOLOGIES LLC	10/23/2014	2016-522767	2016-538255	
75087-KR-PCT	SOUTH KOREA	METHODS, SYSTEMS, AND DEVICES FOR DESIGNING MOLECULES	DOW GLOBAL TECHNOLOGIES LLC	10/23/2014	10-2016-7013359	10-2016-0074629	
75087-US-PCT	United States Of America	METHODS, SYSTEMS, AND DEVICES FOR DESIGNING MOLECULES	DOW GLOBAL TECHNOLOGIES LLC	10/23/2014	15/030224	2016-0306947	
75197-BR-PCT	Brazil	IMPROVING DOUGH	TECHNOLOGIES LLC	12/19/2013	112016012927-0		
75197-CN-PCT	China	IMPROVING DOUGH	TECHNOLOGIES LLC	12/19/2013	201380081394.1		
75197-DE-EPT	Germany	IMPROVING DOUGH	TECHNOLOGIES LLC	12/19/2013	13899646.7	3091838	09/19/2018 3091838
75197-EP-EPT	European Procedure (Patents)	IMPROVING DOUGH	DOW GLOBAL TECHNOLOGIES LLC	12/19/2013	13899646.7	3091838	09/19/2018 3091838
75197-FR-EPT	France	IMPROVING DOUGH	TECHNOLOGIES LLC	12/19/2013	13899646.7	3091838	09/19/2018 3091838
75197-GB-EPT	United Kingdom	IMPROVING DOUGH	TECHNOLOGIES LLC	12/19/2013	13899646.7	3091838	09/19/2018 3091838
75197-IN-PCT	India	IMPROVING DOUGH	TECHNOLOGIES LLC	12/19/2013	201617022356	201617022356	
75197-JP-PCT	Japan	IMPROVING DOUGH	TECHNOLOGIES LLC	12/19/2013	2016-536149	2017-500853	
75197-KR-PCT	SOUTH KOREA	IMPROVING DOUGH	TECHNOLOGIES LLC	12/19/2013	10-2016-7017772		
75197-NL-EPT	Netherlands	IMPROVING DOUGH	TECHNOLOGIES LLC	12/19/2013	13899646.7	3091838	09/19/2018 3091838
75197-US-PCT	United States Of America	IMPROVING DOUGH	TECHNOLOGIES LLC	12/19/2013	15/104670	2016-0338365	
75271-BR-PCT	Brazil	ESTERIFIED CELLULOSE ETHERS OF LOW ACETONE-INSOLUBLE CONTENT	DOW GLOBAL TECHNOLOGIES LLC	08/18/2015	112017003191-4		

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PATENT NUMBER	COUNTRY	TITLE	OWNER	PENDING DATE	APP. NUMBER	PRI. NUMBER	GRANT NUMBER
75271-CN-PCT	China	ESTERIFIED CELLULOSE ETHERS OF LOW ACETONE- INSOLUBLE CONTENT	DOW GLOBAL TECHNOLOGIES LLC	08/18/2015	201580045160.0		106661130
75271-EP-EPT	European Procedure (Patents)	ESTERIFIED CELLULOSE ETHERS OF LOW ACETONE- INSOLUBLE CONTENT	DOW GLOBAL TECHNOLOGIES LLC	08/18/2015	15760541.1		3186285
75271-IN-PCT	India	ETHERS OF LOW ACETONE- INSOLUBLE CONTENT	DOW GLOBAL TECHNOLOGIES LLC	08/18/2015	201717009166		201717009166
75271-JP-PCT	Japan	ESTERIFIED CELLULOSE ETHERS OF LOW ACETONE- INSOLUBLE CONTENT	DOW GLOBAL TECHNOLOGIES LLC	08/18/2015	2017-510531		2017-525815
75271-KR-PCT	SOUTH KOREA	ETHERS OF LOW ACETONE- INSOLUBLE CONTENT	DOW GLOBAL TECHNOLOGIES LLC	08/18/2015	10-2017-7006863		10-2017-0045249
75271-MX-PCT	Mexico	ESTERIFIED CELLULOSE ETHERS OF LOW ACETONE- INSOLUBLE CONTENT	DOW GLOBAL TECHNOLOGIES LLC	08/18/2015	MX/d/2017/002073		
75271-US-PCT	United States Of America	ETHERS OF LOW ACETONE- INSOLUBLE CONTENT	DOW GLOBAL TECHNOLOGIES LLC	02/13/2017	15/503600		2017-0240654
75394-BE-EPT	Belgium	HEAT MOLDABLE CERAMIC COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC				
75394-CN-PCT	China	HEAT MOLDABLE CERAMIC COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	01/09/2015	201580003659.5		105899473
75394-DE-EPT	Germany	HEAT MOLDABLE CERAMIC COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC				
75394-EP-EPT	European Procedure (Patents)	HEAT MOLDABLE CERAMIC COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	01/09/2015	15701446.5		3094609
75394-FR-EPT	France	HEAT MOLDABLE CERAMIC COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC				
75394-JP-PCT	Japan	HEAT MOLDABLE CERAMIC COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	01/09/2015	2016-544869		2017-507100
75394-KR-PCT	SOUTH KOREA	HEAT MOLDABLE CERAMIC COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	01/09/2015	10-2016-7020325		10-2016-0110402
75394-MX-PCT	Mexico	HEAT MOLDABLE CERAMIC COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	01/09/2015	MX/d/2016/008712		
75394-NL-EPT	Netherlands	HEAT MOLDABLE CERAMIC COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC				
75394-US-PCT	United States Of America	HEAT MOLDABLE CERAMIC COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	01/09/2015	15/105836		2016-0318813
75465-CA-PCT	Canada	SUPPORT MATERIALS FOR 3D PRINTING	DOW GLOBAL TECHNOLOGIES LLC	01/09/2015	2936357		
75465-CN-PCT	China	SUPPORT MATERIALS FOR 3D PRINTING	DOW GLOBAL TECHNOLOGIES LLC	01/09/2015	201580003674.X		105873954

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PATENT NUMBER	CO-PATENT	TITLE	OWNER	PENDING DATE	APP. NUMBER	PRI. NUMBER	GRANT NUMBER
75465-EP-EPT	European Procedure (Patents)	SUPPORT MATERIALS FOR 3D PRINTING	DOW GLOBAL TECHNOLOGIES LLC	01/09/2015	150701445.7	3094656	
75465-JP-PCT	Japan	SUPPORT MATERIALS FOR 3D PRINTING	DOW GLOBAL TECHNOLOGIES LLC	01/09/2015	2016-544481	2017-508639	
75465-KR-PCT	SOUTH KOREA	SUPPORT MATERIALS FOR 3D PRINTING	DOW GLOBAL TECHNOLOGIES LLC	01/09/2015	10-2016-7020326		
75465-US-PCT	United States Of America	SUPPORT MATERIALS FOR 3D PRINTING	DOW GLOBAL TECHNOLOGIES LLC	01/09/2015	15/106637	20170022341	
75465-WO-PCT	International Procedure	SUPPORT MATERIALS FOR 3D PRINTING	DOW GLOBAL TECHNOLOGIES LLC	01/09/2015	PCT/US15/010746	WO/2015/108768	
75713-BR-PCT	Brazil	MICROCAPILLARY POLYMER FILMS FOR DRUG DELIVERY	TECHNOLOGIES LLC	06/05/2015	112016027759-7		
75713-CN-PCT	China	MICROCAPILLARY POLYMER FILMS FOR DRUG DELIVERY	TECHNOLOGIES LLC	06/05/2015	201580029845.6		
75713-EP-EPT	European Procedure (Patents)	MICROCAPILLARY POLYMER FILMS FOR DRUG DELIVERY	DOW GLOBAL TECHNOLOGIES LLC	06/05/2015	15729719.3	3154532	
75713-IN-PCT	India	MICROCAPILLARY POLYMER FILMS FOR DRUG DELIVERY	DOW GLOBAL TECHNOLOGIES LLC	06/05/2015	201617045178	201617045178	
75713-JP-PCT	Japan	MICROCAPILLARY POLYMER FILMS FOR DRUG DELIVERY	TECHNOLOGIES LLC	06/05/2015	2016-569449	2017-517515	
75713-KR-PCT	SOUTH KOREA	MICROCAPILLARY POLYMER FILMS FOR DRUG DELIVERY	TECHNOLOGIES LLC	06/05/2015	10-2017-7000429	10-2017-0016945	
75713-US-PCT	America	MICROCAPILLARY POLYMER FILMS FOR DRUG DELIVERY	TECHNOLOGIES LLC	06/05/2015	15/314230	2017-0119692	
75714-EP-EPT	European Procedure (Patents)	PROCESS FOR PREPARING AN ESTER OF A CELLULOSE ETHER IN THE PRESENCE OF ACETIC ACID AND A REACTION CATALYST	DOW GLOBAL TECHNOLOGIES LLC	09/21/2016	16775423.3	3353215	
75714-JP-PCT	Japan	PROCESS FOR PREPARING AN ESTER OF A CELLULOSE ETHER IN THE PRESENCE OF ACETIC ACID AND A REACTION CATALYST	DOW GLOBAL TECHNOLOGIES LLC	09/21/2016	2018-512134		
75714-KR-PCT	SOUTH KOREA	PROCESS FOR PREPARING AN ESTER OF A CELLULOSE ETHER IN THE PRESENCE OF ACETIC ACID AND A REACTION CATALYST	DOW GLOBAL TECHNOLOGIES LLC	09/21/2016	10-2018-7009533	10-2018-0056668	
75714-US-PCT	United States Of America	PROCESS FOR PREPARING AN ESTER OF A CELLULOSE ETHER IN THE PRESENCE OF ACETIC ACID AND A REACTION CATALYST	DOW GLOBAL TECHNOLOGIES LLC	09/21/2016	15/761926		

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Patent Number	Country	Title	Inventor	Filing Date	App. Number	Pub. Number	Grant Number
75832-BR-PCT	Brazil	COPOLYMERS AS EXCIPIENTS FOR EFFECTIVE SOLUBILIZATION OF POORLY WATER-SOLUBLE SUBSTANCES FROM SOLID MIXTURES	DOW GLOBAL TECHNOLOGIES LLC	02/24/2016	112017018345-5		
		COPOLYMERS AS EXCIPIENTS FOR EFFECTIVE SOLUBILIZATION OF POORLY WATER-SOLUBLE SUBSTANCES FROM SOLID MIXTURES					
		COPOLYMERS AS EXCIPIENTS FOR EFFECTIVE SOLUBILIZATION OF POORLY WATER-SOLUBLE SUBSTANCES FROM SOLID MIXTURES					
75832-CN-PCT	China	COPOLYMERS AS EXCIPIENTS FOR EFFECTIVE SOLUBILIZATION OF POORLY WATER-SOLUBLE SUBSTANCES FROM SOLID MIXTURES	DOW GLOBAL TECHNOLOGIES LLC	02/24/2016	201680012799.3	107406556	
		COPOLYMERS AS EXCIPIENTS FOR EFFECTIVE SOLUBILIZATION OF POORLY WATER-SOLUBLE SUBSTANCES FROM SOLID MIXTURES					
		COPOLYMERS AS EXCIPIENTS FOR EFFECTIVE SOLUBILIZATION OF POORLY WATER-SOLUBLE SUBSTANCES FROM SOLID MIXTURES					
75832-EP-EPT	European Procedure (Patents)	COPOLYMERS AS EXCIPIENTS FOR EFFECTIVE SOLUBILIZATION OF POORLY WATER-SOLUBLE SUBSTANCES FROM SOLID MIXTURES	DOW GLOBAL TECHNOLOGIES LLC	02/24/2016	16719554.4	3265062	
		COPOLYMERS AS EXCIPIENTS FOR EFFECTIVE SOLUBILIZATION OF POORLY WATER-SOLUBLE SUBSTANCES FROM SOLID MIXTURES					
		COPOLYMERS AS EXCIPIENTS FOR EFFECTIVE SOLUBILIZATION OF POORLY WATER-SOLUBLE SUBSTANCES FROM SOLID MIXTURES					
75832-IN-PCT	India	COPOLYMERS AS EXCIPIENTS FOR EFFECTIVE SOLUBILIZATION OF POORLY WATER-SOLUBLE SUBSTANCES FROM SOLID MIXTURES	DOW GLOBAL TECHNOLOGIES LLC	02/24/2016	201717032579	201717032579	
		COPOLYMERS AS EXCIPIENTS FOR EFFECTIVE SOLUBILIZATION OF POORLY WATER-SOLUBLE SUBSTANCES FROM SOLID MIXTURES					
		COPOLYMERS AS EXCIPIENTS FOR EFFECTIVE SOLUBILIZATION OF POORLY WATER-SOLUBLE SUBSTANCES FROM SOLID MIXTURES					
75832-JP-PCT	Japan	COPOLYMERS AS EXCIPIENTS FOR EFFECTIVE SOLUBILIZATION OF POORLY WATER-SOLUBLE SUBSTANCES FROM SOLID MIXTURES	DOW GLOBAL TECHNOLOGIES LLC	02/24/2016	2017-545924	2018-510854	
		COPOLYMERS AS EXCIPIENTS FOR EFFECTIVE SOLUBILIZATION OF POORLY WATER-SOLUBLE SUBSTANCES FROM SOLID MIXTURES					
		COPOLYMERS AS EXCIPIENTS FOR EFFECTIVE SOLUBILIZATION OF POORLY WATER-SOLUBLE SUBSTANCES FROM SOLID MIXTURES					
75832-KR-PCT	SOUTH KOREA	COPOLYMERS AS EXCIPIENTS FOR EFFECTIVE SOLUBILIZATION OF POORLY WATER-SOLUBLE SUBSTANCES FROM SOLID MIXTURES	DOW GLOBAL TECHNOLOGIES LLC	02/24/2016	10-2017-7026500	10-2017-0126936	
		COPOLYMERS AS EXCIPIENTS FOR EFFECTIVE SOLUBILIZATION OF POORLY WATER-SOLUBLE SUBSTANCES FROM SOLID MIXTURES					
		COPOLYMERS AS EXCIPIENTS FOR EFFECTIVE SOLUBILIZATION OF POORLY WATER-SOLUBLE SUBSTANCES FROM SOLID MIXTURES					
75832-US-PCT	United States Of America	COPOLYMERS AS EXCIPIENTS FOR EFFECTIVE SOLUBILIZATION OF POORLY WATER-SOLUBLE SUBSTANCES FROM SOLID MIXTURES	DOW GLOBAL TECHNOLOGIES LLC	02/24/2016	15/554442	2018-0066091	
		COPOLYMERS AS EXCIPIENTS FOR EFFECTIVE SOLUBILIZATION OF POORLY WATER-SOLUBLE SUBSTANCES FROM SOLID MIXTURES					
		COPOLYMERS AS EXCIPIENTS FOR EFFECTIVE SOLUBILIZATION OF POORLY WATER-SOLUBLE SUBSTANCES FROM SOLID MIXTURES					

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Patent Number	IPC Class	Title	Inventor	Filing Date	App. Number	Pub. Number	Grant Number
75832-WO-PCT	International Procedure	COPOLYMERS AS EXCIPIENTS FOR EFFECTIVE SOLUBILIZATION OF POORLY WATER-SOLUBLE SUBSTANCES FROM SOLID MIXTURES	DOW GLOBAL TECHNOLOGIES LLC	02/24/2016	PCT/US16/019342	WO2016/140845	
75835-BR-PCT	Brazil	DISPERSION COMPRISING A PARTIALLY NEUTRALIZED ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	04/28/2015	112016026065-1		
75835-CN-PCT	China	DISPERSION COMPRISING A PARTIALLY NEUTRALIZED ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	04/28/2015	201580027167.X		
75835-CO-PCT	Colombia	DISPERSION COMPRISING A PARTIALLY NEUTRALIZED ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	04/28/2015	NC2016/0004924	NC2016/0004924	
75835-EP-EPT	European Procedure (Patents)	DISPERSION COMPRISING A PARTIALLY NEUTRALIZED ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	04/28/2015	15724401.3	3145498	
75835-IN-PCT	India	DISPERSION COMPRISING A PARTIALLY NEUTRALIZED ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	04/28/2015	201617042199		
75835-JP-PCT	Japan	DISPERSION COMPRISING A PARTIALLY NEUTRALIZED ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	04/28/2015	2016-566270	2017-515944	6190078
75835-KR-PCT	SOUTH KOREA	DISPERSION COMPRISING A PARTIALLY NEUTRALIZED ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	04/28/2015	10-2016-7034127	10-2017-0005833	
75835-US-PCT	United States Of America	DISPERSION COMPRISING A PARTIALLY NEUTRALIZED ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	11/03/2016	15/308792	2017-0181977	
75946-CN-PCT	China	COMPOSITION FOR LITHIUM ION BATTERY ELECTRODES	TECHNOLOGIES LLC	05/19/2014	201480079040.8	106463728	
75946-DE-EPT	Germany	COMPOSITION FOR LITHIUM ION BATTERY ELECTRODES	TECHNOLOGIES LLC	05/19/2014	14892414.5	3146578	
75946-EP-EPT	European Procedure (Patents)	COMPOSITION FOR LITHIUM ION BATTERY ELECTRODES	TECHNOLOGIES LLC	05/19/2014	14892414.5	3146578	
75946-JP-PCT	Japan	COMPOSITION FOR LITHIUM ION BATTERY ELECTRODES	TECHNOLOGIES LLC	05/19/2014	2016-567914	2017-520885	

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PUB. NUMBER	GRANT DATE	GRANT NUMBER
75946-KR-PCT	SOUTH KOREA United States Of	COMPOSITION FOR LITHIUM ION BATTERY ELECTRODES COMPOSITION FOR LITHIUM ION BATTERY ELECTRODES	DOW GLOBAL TECHNOLOGIES LLC DOW GLOBAL	05/19/2014	10-2016-7033990			
75946-US-PCT	America	ION BATTERY ELECTRODES	TECHNOLOGIES LLC	05/19/2014	15/310824		2017-0084911	
75958-BE-EPT	Belgium	PROCESS FOR PRODUCING A WATER-SOLUBLE CELLULOSE DERIVATIVE HAVING A REDUCED CONTENT OF WATER INSOLUBLE PARTICLES	DOW GLOBAL TECHNOLOGIES LLC					
75958-BR-PCT	Brazil	PROCESS FOR PRODUCING A WATER-SOLUBLE CELLULOSE DERIVATIVE HAVING A REDUCED CONTENT OF WATER INSOLUBLE PARTICLES	DOW GLOBAL TECHNOLOGIES LLC	01/04/2016	1120170142546			
75958-CN-PCT	China	PROCESS FOR PRODUCING A WATER-SOLUBLE CELLULOSE DERIVATIVE HAVING A REDUCED CONTENT OF WATER INSOLUBLE PARTICLES	DOW GLOBAL TECHNOLOGIES LLC	01/04/2016	201680004491.4			
75958-DE-EPT	Germany	PROCESS FOR PRODUCING A WATER-SOLUBLE CELLULOSE DERIVATIVE HAVING A REDUCED CONTENT OF WATER INSOLUBLE PARTICLES	DOW GLOBAL TECHNOLOGIES LLC					
75958-EP-EPT	European Procedure (Patents)	PROCESS FOR PRODUCING A WATER-SOLUBLE CELLULOSE DERIVATIVE HAVING A REDUCED CONTENT OF WATER INSOLUBLE PARTICLES	DOW GLOBAL TECHNOLOGIES LLC	01/04/2016	16703182.2		3242896	
75958-FR-EPT	France	PROCESS FOR PRODUCING A WATER-SOLUBLE CELLULOSE DERIVATIVE HAVING A REDUCED CONTENT OF WATER INSOLUBLE PARTICLES	DOW GLOBAL TECHNOLOGIES LLC					
75958-GB-EPT	United Kingdom	PROCESS FOR PRODUCING A WATER-SOLUBLE CELLULOSE DERIVATIVE HAVING A REDUCED CONTENT OF WATER INSOLUBLE PARTICLES	DOW GLOBAL TECHNOLOGIES LLC					

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PUB. NUMBER	GRANT DATE	GRANT NUMBER
75958-IN-PCT	India	PROCESS FOR PRODUCING A WATER-SOLUBLE CELLULOSE DERIVATIVE HAVING A REDUCED CONTENT OF WATER-INSOLUBLE PARTICLES	DOW GLOBAL TECHNOLOGIES LLC	01/04/2016	201717024859	201717024859		
75958-JP-PCT	Japan	PROCESS FOR PRODUCING A WATER-SOLUBLE CELLULOSE DERIVATIVE HAVING A REDUCED CONTENT OF WATER-INSOLUBLE PARTICLES	DOW GLOBAL TECHNOLOGIES LLC	01/04/2016	2017-535896		01/12/2018	6271817
75958-KR-PCT	SOUTH KOREA	PROCESS FOR PRODUCING A WATER-SOLUBLE CELLULOSE DERIVATIVE HAVING A REDUCED CONTENT OF WATER-INSOLUBLE PARTICLES	DOW GLOBAL TECHNOLOGIES LLC	01/04/2016	10-2017-7019353		11/30/2017	10-1805756
75958-MX-PCT	Mexico	PROCESS FOR PRODUCING A WATER-SOLUBLE CELLULOSE DERIVATIVE HAVING A REDUCED CONTENT OF WATER-INSOLUBLE PARTICLES	DOW GLOBAL TECHNOLOGIES LLC	01/04/2016	MX/a/2017/008511			
75958-NL-EPT	Netherlands	PROCESS FOR PRODUCING A WATER-SOLUBLE CELLULOSE DERIVATIVE HAVING A REDUCED CONTENT OF WATER-INSOLUBLE PARTICLES	DOW GLOBAL TECHNOLOGIES LLC					
75958-SE-EPT	Sweden	PROCESS FOR PRODUCING A WATER-SOLUBLE CELLULOSE DERIVATIVE HAVING A REDUCED CONTENT OF WATER-INSOLUBLE PARTICLES	DOW GLOBAL TECHNOLOGIES LLC					
75958-US-PCT	United States Of America	PROCESS FOR PRODUCING A WATER-SOLUBLE CELLULOSE DERIVATIVE HAVING A REDUCED CONTENT OF WATER-INSOLUBLE PARTICLES	DOW GLOBAL TECHNOLOGIES LLC	01/04/2016	15/541642	2017-0355782		
75959-BR-PCT	Brazil	NOVEL ESTERIFIED CELLULOSE ETHERS OF HIGH MOLECULAR WEIGHT AND HOMOGENEITY	DOW GLOBAL TECHNOLOGIES LLC	01/27/2015	112016018177-8			

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Patent Number	Country	Title	Inventor	Filing Date	App. Number	Pub. Number	Pub. Number	Grant Number
75959-CN-PCT	China	NOVEL ESTERIFIED CELLULOSE ETHERS OF HIGH MOLECULAR WEIGHT AND HOMOGENEITY	DOW GLOBAL TECHNOLOGIES LLC	01/27/2015	201580007734.5			04/20/2018 201580007734.5
75959-EP-EPT	European Procedure (Patents)	NOVEL ESTERIFIED CELLULOSE ETHERS OF HIGH MOLECULAR WEIGHT AND HOMOGENEITY	DOW GLOBAL TECHNOLOGIES LLC	01/27/2015	15703205.3	3107940		
75959-IN-PCT	India	NOVEL ESTERIFIED CELLULOSE ETHERS OF HIGH MOLECULAR WEIGHT AND HOMOGENEITY	DOW GLOBAL TECHNOLOGIES LLC	01/27/2015	201617030915			
75959-JP-PCD	Japan	NOVEL ESTERIFIED CELLULOSE ETHERS OF HIGH MOLECULAR WEIGHT AND HOMOGENEITY	DOW GLOBAL TECHNOLOGIES LLC	11/09/2017	2017-216149	2018-024892		
75959-JP-PCD[2]	Japan	NOVEL ESTERIFIED CELLULOSE ETHERS OF HIGH MOLECULAR WEIGHT AND HOMOGENEITY	DOW GLOBAL TECHNOLOGIES LLC	07/10/2018	2018-130418			
75959-KR-PCT	SOUTH KOREA	NOVEL ESTERIFIED CELLULOSE ETHERS OF HIGH MOLECULAR WEIGHT AND HOMOGENEITY	DOW GLOBAL TECHNOLOGIES LLC	01/27/2015	10-2016-7024986	10-2016-0124799		
75959-MX-PCT	Mexico	NOVEL ESTERIFIED CELLULOSE ETHERS OF HIGH MOLECULAR WEIGHT AND HOMOGENEITY	DOW GLOBAL TECHNOLOGIES LLC	01/27/2015	MX/a/2016/010140			
75959-US-PCT	United States Of America	NOVEL ESTERIFIED CELLULOSE ETHERS OF HIGH MOLECULAR WEIGHT AND HOMOGENEITY	DOW GLOBAL TECHNOLOGIES LLC	01/27/2015	15/113921	2016-0347866		
76049-BE-EPT	Belgium	DISPERSION COMPRISING AN ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	03/03/2015	15711352.3	3129060	04/25/2018	3129060
76049-BR-PCT	Brazil	DISPERSION COMPRISING AN ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	03/03/2015	112016023270-4			
76049-CH-EPT	Switzerland	DISPERSION COMPRISING AN ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	03/03/2015	15711352.3	3129060	04/25/2018	3129060
76049-CN-PCT	China	DISPERSION COMPRISING AN ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	03/03/2015	201580017617.7			
76049-CO-PCT	Colombia	DISPERSION COMPRISING AN ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	03/03/2015	NC2016/00003232	NC2016/00003232		

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PATENT NUMBER	COUNTRY	TITLE	OWNER	ISSUING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
76049-DE-EPT	Germany	DISPERSION COMPRISING AN ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	03/03/2015	15711352.3	3129060	04/25/2018	602015010414.5
76049-EP-EPT	European Procedure (Patents)	DISPERSION COMPRISING AN ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	03/03/2015	15711352.3	3129060	04/25/2018	3129060
76049-ES-EPT	Spain	DISPERSION COMPRISING AN ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	03/03/2015	15711352.3	3129060	04/25/2018	3129060
76049-FR-EPT	France	DISPERSION COMPRISING AN ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	03/03/2015	15711352.3	3129060	04/25/2018	3129060
76049-GB-EPT	United Kingdom	DISPERSION COMPRISING AN ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	03/03/2015	15711352.3	3129060	04/25/2018	3129060
76049-IE-EPT	Ireland	DISPERSION COMPRISING AN ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	03/03/2015	15711352.3	3129060	04/25/2018	3129060
76049-IN-PCT	India	DISPERSION COMPRISING AN ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	03/03/2015	201617036088			
76049-JP-PCT	Japan	DISPERSION COMPRISING AN ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	03/03/2015	2016-561283	2017-517592	12/08/2017	6254719
76049-KR-PCT	SOUTH KOREA	DISPERSION COMPRISING AN ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	03/03/2015	10-2016-7029568			
76049-SE-EPT	Sweden	DISPERSION COMPRISING AN ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	03/03/2015	15711352.3	3129060	04/25/2018	3129060
76049-US-PCT	United States Of America	DISPERSION COMPRISING AN ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	03/03/2015	15/129505	2017-0173159		
76113-US-PCT	United States Of America	DELIVERING A DRUG TO A MUCOSAL SURFACE	DOW GLOBAL TECHNOLOGIES LLC	11/05/2015	15/526027	2017-0319706		
76113-WO-PCT	International Procedure	DELIVERING A DRUG TO A MUCOSAL SURFACE	DOW GLOBAL TECHNOLOGIES LLC	11/05/2015	PCT/US15/059166	WO/2016/081193		
76133-BE-EPT	Belgium	PROCESS FOR FRACTIONATING AN ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	03/08/2016	16711735.7	3270969		
76133-BR-PCT	Brazil	PROCESS FOR FRACTIONATING AN ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	03/08/2016	1120170180766			

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT NUMBER
76133-CN-PCT	China	PROCESS FOR FRACTIONATING AN ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	03/08/2016	201680012758.4		107406520
76133-DE-EPT	Germany	PROCESS FOR FRACTIONATING AN ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	03/08/2016	16711735.7		3270969
76133-EP-EPT	European Procedure (Patents)	PROCESS FOR FRACTIONATING AN ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	03/08/2016	16711735.7		3270969
76133-GB-EPT	United Kingdom	PROCESS FOR FRACTIONATING AN ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	03/08/2016	16711735.7		3270969
76133-IN-PCT	India	PROCESS FOR FRACTIONATING AN ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	03/08/2016	201717034552		201717034552
76133-JP-PCT	Japan	PROCESS FOR FRACTIONATING AN ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	03/08/2016	2017-545584		2018-508632
76133-KR-PCT	SOUTH KOREA	PROCESS FOR FRACTIONATING AN ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	03/08/2016	10-2017-7027149		10-2017-0128370
76133-MX-PCT	Mexico	PROCESS FOR FRACTIONATING AN ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	03/08/2016	MX/a/2017/011092		
76133-SE-EPT	Sweden	PROCESS FOR FRACTIONATING AN ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	03/08/2016	16711735.7		3270969
76133-US-PCT	United States Of America	PROCESS FOR FRACTIONATING AN ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	03/08/2016	15/549858		2018-0030157
76133-WO-PCT	International Procedure	PROCESS FOR FRACTIONATING AN ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	03/08/2016	PCT/US16/021322		WO/2016/148975
76158-BR-PCT	Brazil	CAPSULE SHELLS COMPRISING AN ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	04/28/2015	112016026180-1		

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
76158-CN-PCT	China	CAPSULE SHELLS COMPRISING AN ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	04/28/2015	201580026963.1			
76158-CO-PCT	Colombia	CAPSULE SHELLS COMPRISING AN ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	04/28/2015	NC2016/0004933	NC2016/0004933		
76158-EP-EPT	European Procedure (Patents)	CAPSULE SHELLS COMPRISING AN ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	04/28/2015	15721953.6	3145496		
76158-IN-PCT	India	CAPSULE SHELLS COMPRISING AN ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	04/28/2015	201617042200			
76158-JP-PCT	Japan	CAPSULE SHELLS COMPRISING AN ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	04/28/2015	2016-567030	2017-515825	08/10/2017	6190080
76158-KR-PCT	SOUTH KOREA	CAPSULE SHELLS COMPRISING AN ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	04/28/2015	10-2016-7034017	10-2017-0007769		
76158-US-PCT	United States Of America	CAPSULE SHELLS COMPRISING AN ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	04/28/2015	15/308767	2017-0181976	10/10/2017	9782356
76450-BE-EPT	Belgium	PROCESS FOR PREPARING AN ESTERIFIED CELLULOSE ETHER IN THE PRESENCE OF AN ALIPHATIC CARBOXYLIC ACID	DOW GLOBAL TECHNOLOGIES LLC	03/08/2016	16711738.1	3270972		
76450-BR-PCT	Brazil	PROCESS FOR PREPARING AN ESTERIFIED CELLULOSE ETHER IN THE PRESENCE OF AN ALIPHATIC CARBOXYLIC ACID	DOW GLOBAL TECHNOLOGIES LLC	03/08/2016	112017018146-0			
76450-CN-PCT	China	PROCESS FOR PREPARING AN ESTERIFIED CELLULOSE ETHER IN THE PRESENCE OF AN ALIPHATIC CARBOXYLIC ACID	DOW GLOBAL TECHNOLOGIES LLC	03/08/2016	201680013498.2	107406521		
76450-DE-EPT	Germany	PROCESS FOR PREPARING AN ESTERIFIED CELLULOSE ETHER IN THE PRESENCE OF AN ALIPHATIC CARBOXYLIC ACID	DOW GLOBAL TECHNOLOGIES LLC	03/08/2016	16711738.1	3270972		
76450-EP-EPT	European Procedure (Patents)	PROCESS FOR PREPARING AN ESTERIFIED CELLULOSE ETHER IN THE PRESENCE OF AN ALIPHATIC CARBOXYLIC ACID	DOW GLOBAL TECHNOLOGIES LLC	03/08/2016	16711738.1	3270972		

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
76450-GB-EPT	United Kingdom	PROCESS FOR PREPARING AN ESTERIFIED CELLULOSE ETHER IN THE PRESENCE OF AN ALIPHATIC CARBOXYLIC ACID	DOW GLOBAL TECHNOLOGIES LLC	03/08/2016	16711738.1	3270972		
76450-IN-PCT	India	PROCESS FOR PREPARING AN ESTERIFIED CELLULOSE ETHER IN THE PRESENCE OF AN ALIPHATIC CARBOXYLIC ACID	DOW GLOBAL TECHNOLOGIES LLC	03/08/2016	2017I7034553	2017I7034553		
76450-JP-PCT	Japan	PROCESS FOR PREPARING AN ESTERIFIED CELLULOSE ETHER IN THE PRESENCE OF AN ALIPHATIC CARBOXYLIC ACID	DOW GLOBAL TECHNOLOGIES LLC	03/08/2016	2017-545904		02/23/2018	6295380
76450-KR-PCT	SOUTH KOREA	PROCESS FOR PREPARING AN ESTERIFIED CELLULOSE ETHER IN THE PRESENCE OF AN ALIPHATIC CARBOXYLIC ACID	DOW GLOBAL TECHNOLOGIES LLC	03/08/2016	10-2017-7026600	10-2017-0128349		
76450-MX-PCT	Mexico	PROCESS FOR PREPARING AN ESTERIFIED CELLULOSE ETHER IN THE PRESENCE OF AN ALIPHATIC CARBOXYLIC ACID	DOW GLOBAL TECHNOLOGIES LLC	03/08/2016	MX/d/2017/011091			
76450-SE-EPT	Sweden	PROCESS FOR PREPARING AN ESTERIFIED CELLULOSE ETHER IN THE PRESENCE OF AN ALIPHATIC CARBOXYLIC ACID	DOW GLOBAL TECHNOLOGIES LLC	03/08/2016	16711738.1	3270972		
76450-US-PCT	United States Of America	PROCESS FOR PREPARING AN ESTERIFIED CELLULOSE ETHER IN THE PRESENCE OF AN ALIPHATIC CARBOXYLIC ACID	DOW GLOBAL TECHNOLOGIES LLC	03/08/2016	15/549877	2018-0030158		
76450-WO-PCT	International Procedure	PROCESS FOR PREPARING AN ESTERIFIED CELLULOSE ETHER IN THE PRESENCE OF AN ALIPHATIC CARBOXYLIC ACID	DOW GLOBAL TECHNOLOGIES LLC	03/08/2016	PCT/US16/021334	WO/2016/148978		
76601-BR-PCT	Brazil	METHOD FOR PREPARING A BATTERED OR BREADED FOOD	DOW GLOBAL TECHNOLOGIES LLC	08/18/2015	BR112017003225-2			
76601-CN-PCT	China	METHOD FOR PREPARING A BATTERED OR BREADED FOOD	DOW GLOBAL TECHNOLOGIES LLC	08/18/2015	201580044703.7	106793787		

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PATENT NUMBER	IPC CLASS	CLASS	INVENTOR	INVENTOR NAME	INVENTOR ADDRESS	INVENTOR CITY	INVENTOR STATE	INVENTOR COUNTRY	INVENTOR PHONE	INVENTOR FAX	INVENTOR EMAIL	INVENTOR WEBSITE	INVENTOR OTHER	INVENTOR OTHER ADDRESS	INVENTOR OTHER CITY	INVENTOR OTHER STATE	INVENTOR OTHER COUNTRY	INVENTOR OTHER PHONE	INVENTOR OTHER FAX	INVENTOR OTHER EMAIL	INVENTOR OTHER WEBSITE	INVENTOR OTHER OTHER
76601-EP-EPT	European Procedure (Patents)	METHOD FOR PREPARING A BATTERED OR BREADED FOOD	DOV GLOBAL TECHNOLOGIES LLC	08/18/2015	15754400.8	3185686																
76601-IN-PCT	India	METHOD FOR PREPARING A BATTERED OR BREADED FOOD	DOV GLOBAL TECHNOLOGIES LLC	08/18/2015	201717009167	201717009167																
76601-JP-PCT	Japan	METHOD FOR PREPARING A BATTERED OR BREADED FOOD	DOV GLOBAL TECHNOLOGIES LLC	08/18/2015	2017-510385	2017-526360																
76601-KR-PCT	SOUTH KOREA	METHOD FOR PREPARING A BATTERED OR BREADED FOOD	DOV GLOBAL TECHNOLOGIES LLC	08/18/2015	10-2017-7007226	10-2017-0042735																
76601-US-PCT	United States Of America	METHOD FOR PREPARING A BATTERED OR BREADED FOOD	DOV GLOBAL TECHNOLOGIES LLC	08/18/2015	15/503774	2017-0245507																
76727-BR-PCT	Brazil	WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS	DOV GLOBAL TECHNOLOGIES LLC	03/08/2016	112017018232.7																	
76727-CH-EPT	Switzerland	WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS	DOV GLOBAL TECHNOLOGIES LLC	03/08/2016	16714626.5	3271404																
76727-CN-PCT	China	WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS	DOV GLOBAL TECHNOLOGIES LLC	03/08/2016	201680013934.6																	
76727-DE-EPT	Germany	WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS	DOV GLOBAL TECHNOLOGIES LLC	03/08/2016	16714626.5	3271404																
76727-EP-EPT	European Procedure (Patents)	WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS	DOV GLOBAL TECHNOLOGIES LLC	03/08/2016	16714626.5	3271404																
76727-FR-EPT	France	WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS	DOV GLOBAL TECHNOLOGIES LLC	03/08/2016	16714626.5	3271404																
76727-GB-EPT	United Kingdom	WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS	DOV GLOBAL TECHNOLOGIES LLC	03/08/2016	16714626.5	3271404																
76727-IE-EPT	Ireland	WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS	DOV GLOBAL TECHNOLOGIES LLC	03/08/2016	16714626.5	3271404																
76727-IN-PCT	India	WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS	DOV GLOBAL TECHNOLOGIES LLC	03/08/2016	201717034584	201717034584																
76727-JP-PCT	Japan	WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS	DOV GLOBAL TECHNOLOGIES LLC	03/08/2016	2017-545916																	
76727-KR-PCT	SOUTH KOREA	WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS	DOV GLOBAL TECHNOLOGIES LLC	03/08/2016	10-2017-7027150	10-2017-0128371																
76727-MX-PCT	Mexico	WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS	DOV GLOBAL TECHNOLOGIES LLC	03/08/2016	MX/a/2017/011090																	
76727-SE-EPT	Sweden	WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS	DOV GLOBAL TECHNOLOGIES LLC	03/08/2016	16714626.5	3271404																
76727-US-PCT	United States Of America	WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS	DOV GLOBAL TECHNOLOGIES LLC	03/08/2016	15/550094	2018-0072818																
76727-WO-PCT	International Procedure	WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS	DOV GLOBAL TECHNOLOGIES LLC	03/08/2016	PCT/US16021318	WO/2016/148973																

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT NUMBER
76768-BR-PCT	Brazil	AN AQUEOUS SOLUTION OF AN ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	03/08/2016	112017018039-1		
76768-CH-EPT	Switzerland	AN AQUEOUS SOLUTION OF AN ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	03/08/2016	16714625.7	3270973	
76768-CN-PCT	China	AN AQUEOUS SOLUTION OF AN ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	03/08/2016	201680013457.3	107427467	
76768-DE-EPT	Germany	AN AQUEOUS SOLUTION OF AN ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	03/08/2016	16714625.7	3270973	
76768-EP-EPT	European Procedure (Patents)	AN AQUEOUS SOLUTION OF AN ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	03/08/2016	16714625.7	3270973	
76768-FR-EPT	France	AN AQUEOUS SOLUTION OF AN ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	03/08/2016	16714625.7	3270973	
76768-GB-EPT	United Kingdom	AN AQUEOUS SOLUTION OF AN ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	03/08/2016	16714625.7	3270973	
76768-IE-EPT	Ireland	AN AQUEOUS SOLUTION OF AN ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	03/08/2016	16714625.7	3270973	
76768-IN-PCT	India	AN AQUEOUS SOLUTION OF AN ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	03/08/2016	201717034585	201717034585	
76768-JP-PCT	Japan	AN AQUEOUS SOLUTION OF AN ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	03/08/2016	2017-545917	2018-510853	07/20/2018 6371482
76768-KR-PCT	SOUTH KOREA	AN AQUEOUS SOLUTION OF AN ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	03/08/2016	10-2017-7026602	10-2017-0128350	
76768-MX-PCT	Mexico	AN AQUEOUS SOLUTION OF AN ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	03/08/2016	MX/a/2017/011096		
76768-SE-EPT	Sweden	AN AQUEOUS SOLUTION OF AN ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	03/08/2016	16714625.7	3270973	
76768-US-PCT	United States Of America	AN AQUEOUS SOLUTION OF AN ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	03/08/2016	15/550096	2018-0071396	
76768-WO-PCT	International Procedure	AN AQUEOUS SOLUTION OF AN ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	03/08/2016	PCT/US16/021313	WO/2016/148970	
76896-BR-PCT	Brazil	METHOD OF MAKING OLEOGEL	DOW GLOBAL TECHNOLOGIES LLC	03/27/2017	PCT/US17/024263		

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT NUMBER
76896-CN-PCT	China	METHOD OF MAKING OLEOGEL	DOW GLOBAL TECHNOLOGIES LLC	03/27/2017	PCT/US17/024263		
76896-EP-EPT	European Procedure (Patents)	METHOD OF MAKING OLEOGEL	DOW GLOBAL TECHNOLOGIES LLC	03/27/2017	17716699.8		
76896-IN-PCT	India	METHOD OF MAKING OLEOGEL	DOW GLOBAL TECHNOLOGIES LLC	03/27/2017	PCT/US17/024263		
76896-JP-PCT	Japan	METHOD OF MAKING OLEOGEL	DOW GLOBAL TECHNOLOGIES LLC	03/27/2017	2018-547258		
76896-KR-PCT	SOUTH KOREA	METHOD OF MAKING OLEOGEL	DOW GLOBAL TECHNOLOGIES LLC	03/27/2017	PCT/US17/024263		
76896-US-PCT	United States Of America	METHOD OF MAKING OLEOGEL	DOW GLOBAL TECHNOLOGIES LLC	03/27/2017	16/083179		
76896-WO-PCT	International Procedure	METHOD OF MAKING OLEOGEL	DOW GLOBAL TECHNOLOGIES LLC	03/27/2017	PCT/US17/024263	WO/2017/172590	
76953-BR-PCT	Brazil	WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION	DOW GLOBAL TECHNOLOGIES LLC	03/08/2016	112017018260-2		
76953-CH-EPT	Switzerland	WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION	DOW GLOBAL TECHNOLOGIES LLC	03/08/2016	16711737.3	3270971	
76953-CN-PCT	China	WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION	DOW GLOBAL TECHNOLOGIES LLC	03/08/2016	201680013459.2	107428847	
76953-CO-PCT	Colombia	WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION	DOW GLOBAL TECHNOLOGIES LLC	03/08/2016	NC2017/0010191	NC2017/0010191	
76953-DE-EPT	Germany	WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION	DOW GLOBAL TECHNOLOGIES LLC	03/08/2016	16711737.3	3270971	
76953-EP-EPT	European Procedure (Patents)	WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION	DOW GLOBAL TECHNOLOGIES LLC	03/08/2016	16711737.3	3270971	
76953-FR-EPT	France	WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION	DOW GLOBAL TECHNOLOGIES LLC	03/08/2016	16711737.3	3270971	

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CLASSIFICATION	COUNTRY	FIELD	OWNER	filing DATE	APP. NUMBER	PAT. NUMBER	GRANT DATE	OP. INT. NUMBER
76953-GB-EPT	United Kingdom	WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION	DOW GLOBAL TECHNOLOGIES LLC	03/08/2016	16711737.3	3270971		
		WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION	DOW GLOBAL TECHNOLOGIES LLC	03/08/2016	16711737.3	3270971		
		WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION	DOW GLOBAL TECHNOLOGIES LLC	03/08/2016	16711737.3	3270971		
		WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION	DOW GLOBAL TECHNOLOGIES LLC	03/08/2016	16711737.3	3270971		
76953-IN-PCT	India	WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION	DOW GLOBAL TECHNOLOGIES LLC	03/08/2016	201717035131	201717035131		
76953-JP-PCT	Japan	WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION	DOW GLOBAL TECHNOLOGIES LLC	03/08/2016	2017-545912		06/22/2018	6356922
		WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION	DOW GLOBAL TECHNOLOGIES LLC	03/08/2016	2017-545912		06/22/2018	6356922
		WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION	DOW GLOBAL TECHNOLOGIES LLC	03/08/2016	2017-545912		06/22/2018	6356922
		WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION	DOW GLOBAL TECHNOLOGIES LLC	03/08/2016	2017-545912		06/22/2018	6356922
76953-KR-PCT	SOUTH KOREA	WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION	DOW GLOBAL TECHNOLOGIES LLC	03/08/2016	10-2017-7026780	10-2017-0128358		
76953-MX-PCT	Mexico	WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION	DOW GLOBAL TECHNOLOGIES LLC	03/08/2016	MX/a/2017/011095			
		WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION	DOW GLOBAL TECHNOLOGIES LLC	03/08/2016	MX/a/2017/011095			
		WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION	DOW GLOBAL TECHNOLOGIES LLC	03/08/2016	MX/a/2017/011095			
		WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION	DOW GLOBAL TECHNOLOGIES LLC	03/08/2016	MX/a/2017/011095			
76953-SE-EPT	Sweden	WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION	DOW GLOBAL TECHNOLOGIES LLC	03/08/2016	16711737.3	3270971		
76953-US-PCT	United States Of America	WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION	DOW GLOBAL TECHNOLOGIES LLC	03/08/2016	15/550097	2018-0072819		
		WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION	DOW GLOBAL TECHNOLOGIES LLC	03/08/2016	15/550097	2018-0072819		
		WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION	DOW GLOBAL TECHNOLOGIES LLC	03/08/2016	15/550097	2018-0072819		
		WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION	DOW GLOBAL TECHNOLOGIES LLC	03/08/2016	15/550097	2018-0072819		
76953-WO-PCT	International Procedure	WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION	DOW GLOBAL TECHNOLOGIES LLC	03/08/2016	PCT/US16/021330	WO/2016/148977		
77273-BR-PCT	Brazil	PROCESS FOR PRODUCING DISPERSION OF ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	07/08/2016	112018001792-2			
		PROCESS FOR PRODUCING DISPERSION OF ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	07/08/2016	112018001792-2			
		PROCESS FOR PRODUCING DISPERSION OF ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	07/08/2016	112018001792-2			
		PROCESS FOR PRODUCING DISPERSION OF ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	07/08/2016	112018001792-2			
77273-CN-PCT	China	PROCESS FOR PRODUCING DISPERSION OF ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	07/08/2016	201680044088.4	107849152		
77273-EP-EPT	European Procedure (Patents)	DISPERSION OF ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	07/08/2016	16741217.0	3328899		

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77273-IN-PCT	India	PROCESS FOR PRODUCING DISPERSION OF ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	07/08/2016	201817005309		201817005309
77273-JP-PCT	Japan	PROCESS FOR PRODUCING DISPERSION OF ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	07/08/2016	2018-503755		
77273-KR-PCT	SOUTH KOREA	DISPERSION OF ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	07/08/2016	10-2018-7004208		10-2018-0036724
77273-US-PCT	United States Of America	PROCESS FOR PRODUCING DISPERSION OF ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	07/08/2016	15/746207	US-2018-0215880-A1	
77417-BR-PCT	Brazil	GELLING ESTERIFIED CELLULOSE ETHERS	TECHNOLOGIES LLC	03/08/2016	112017018367-6		
77417-CH-EPT	Switzerland	GELLING ESTERIFIED CELLULOSE ETHERS	DOW GLOBAL TECHNOLOGIES LLC	03/08/2016	16711736.5		3270970
77417-CN-PCT	China	GELLING ESTERIFIED CELLULOSE ETHERS	TECHNOLOGIES LLC	03/08/2016	201680013500.6		
77417-CO-PCT	Colombia	GELLING ESTERIFIED CELLULOSE ETHERS	TECHNOLOGIES LLC	03/08/2016	NC2017/0009910		
77417-DE-EPT	Germany	GELLING ESTERIFIED CELLULOSE ETHERS	TECHNOLOGIES LLC	03/08/2016	16711736.5		3270970
77417-EP-EPT	European Procedure (Patents)	GELLING ESTERIFIED CELLULOSE ETHERS	DOW GLOBAL TECHNOLOGIES LLC	03/08/2016	16711736.5		3270970
77417-FR-EPT	France	GELLING ESTERIFIED CELLULOSE ETHERS	TECHNOLOGIES LLC	03/08/2016	16711736.5		3270970
77417-GB-EPT	United Kingdom	GELLING ESTERIFIED CELLULOSE ETHERS	DOW GLOBAL TECHNOLOGIES LLC	03/08/2016	16711736.5		3270970
77417-IE-EPT	Ireland	GELLING ESTERIFIED CELLULOSE ETHERS	TECHNOLOGIES LLC	03/08/2016	16711736.5		3270970
77417-IN-PCT	India	GELLING ESTERIFIED CELLULOSE ETHERS	DOW GLOBAL TECHNOLOGIES LLC	03/08/2016	201717035134		201717035134
77417-JP-PCT	Japan	GELLING ESTERIFIED CELLULOSE ETHERS	TECHNOLOGIES LLC	03/08/2016	2017-548127		07/20/2018 6371483
77417-KR-PCT	SOUTH KOREA	GELLING ESTERIFIED CELLULOSE ETHERS	DOW GLOBAL TECHNOLOGIES LLC	03/08/2016	10-2017-7026763		10-2017-0128355
77417-MX-PCT	Mexico	GELLING ESTERIFIED CELLULOSE ETHERS	TECHNOLOGIES LLC	03/08/2016	MX/a/2017/011128		
77417-SE-EPT	Sweden	GELLING ESTERIFIED CELLULOSE ETHERS	DOW GLOBAL TECHNOLOGIES LLC	03/08/2016	16711736.5		3270970
77417-US-PCT	United States Of America	GELLING ESTERIFIED CELLULOSE ETHERS	TECHNOLOGIES LLC	03/08/2016	15/550109		2018-0072820
77417-WO-PCT	International Procedure	GELLING ESTERIFIED CELLULOSE ETHERS	DOW GLOBAL TECHNOLOGIES LLC	03/08/2016	PCT/US16021326		WO/2016/148976

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77663-BR-PCT	Brazil	DISPERSION COMPRISING AN ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	07/08/2016	112018001775-2		
77663-CN-PCT	China	DISPERSION COMPRISING AN ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	07/08/2016	201680052062.4		
77663-EP-EPT	European Procedure (Patents)	DISPERSION COMPRISING AN ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	07/08/2016	16741762.5	3328433	
77663-IN-PCT	India	DISPERSION COMPRISING AN ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	07/08/2016	201817005312	201817005312	
77663-JP-PCT	Japan	DISPERSION COMPRISING AN ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	07/08/2016	2018-502783	2018-523645	
77663-KR-PCT	SOUTH KOREA	DISPERSION COMPRISING AN ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	07/08/2016	10-2018-7004214	10-2018-0034479	
77663-US-PCT	United States Of America	DISPERSION COMPRISING AN ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	07/08/2016	15/746210	US-2018-0207283-A1	
77672-BR-PCT	Brazil	AQUEOUS COMPOSITION COMPRISING DISPERSED ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	09/29/2016	112018005463-1		
77672-CN-PCT	China	AQUEOUS COMPOSITION COMPRISING DISPERSED ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	09/29/2016	PCT/US16054271	108026184	
77672-EP-EPT	European Procedure (Patents)	AQUEOUS COMPOSITION COMPRISING DISPERSED ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	09/29/2016	16779294.4	3356421	
77672-IN-PCT	India	AQUEOUS COMPOSITION COMPRISING DISPERSED ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	09/29/2016	201817013721	201817013721 A	
77672-JP-PCT	Japan	AQUEOUS COMPOSITION COMPRISING DISPERSED ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	09/29/2016	2018-514844		
77672-KR-PCT	SOUTH KOREA	AQUEOUS COMPOSITION COMPRISING DISPERSED ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	09/29/2016	10-2018-7010392		

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77672-US-PCT	United States Of America	AQUEOUS COMPOSITION COMPRISING DISPERSED ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	09/29/2016	15/764498		
77672-WO-PCT	International Procedure	AQUEOUS COMPOSITION COMPRISING DISPERSED ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	09/29/2016	PCT/US16/054271	WO/2017/058973	
77677-BR-PCT	Brazil	COMPOSITION CONTAINING CATIONIC HYDROXYETHYL CELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	03/28/2016	112017020454.1		
77677-CN-PCT	China	COMPOSITION CONTAINING CATIONIC HYDROXYETHYL CELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	03/28/2016	201680019519.1	107428846	
77677-EP-EPT	European Procedure (Patents)	COMPOSITION CONTAINING CATIONIC HYDROXYETHYL CELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	03/28/2016	16715711.4	3277728	
77677-IN-PCT	India	COMPOSITION CONTAINING CATIONIC HYDROXYETHYL CELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	03/28/2016	201717038529	201717038529	
77677-JP-PCT	Japan	COMPOSITION CONTAINING CATIONIC HYDROXYETHYL CELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	03/28/2016	2017-550256	2018-510169	
77677-KR-PCT	SOUTH KOREA	COMPOSITION CONTAINING CATIONIC HYDROXYETHYL CELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	03/28/2016	10-2017-7029976		
77677-US-PCT	United States Of America	COMPOSITION CONTAINING CATIONIC HYDROXYETHYL CELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	03/28/2016	15/563020		
77677-WO-PCT	International Procedure	COMPOSITION CONTAINING CATIONIC HYDROXYETHYL CELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	03/28/2016	PCT/US16/024491	WO/2016/160688	
77807-BR-PCT	Brazil	ETHYL CELLULOSE OLEOGEL DISPERSION	DOW GLOBAL TECHNOLOGIES LLC	03/27/2017	PCT/US17/024267		
77807-CN-PCT	China	ETHYL CELLULOSE OLEOGEL DISPERSION	DOW GLOBAL TECHNOLOGIES LLC	03/27/2017	PCT/US17/024267		
77807-EP-EPT	European Procedure (Patents)	ETHYL CELLULOSE OLEOGEL DISPERSION	DOW GLOBAL TECHNOLOGIES LLC	03/27/2017	17717026.3		
77807-IN-PCT	India	ETHYL CELLULOSE OLEOGEL DISPERSION	DOW GLOBAL TECHNOLOGIES LLC	03/27/2017	PCT/US17/024267		
77807-JP-PCT	Japan	ETHYL CELLULOSE OLEOGEL DISPERSION	DOW GLOBAL TECHNOLOGIES LLC	03/27/2017	2018-547335		
77807-KR-PCT	SOUTH KOREA	ETHYL CELLULOSE OLEOGEL DISPERSION	DOW GLOBAL TECHNOLOGIES LLC	03/27/2017	PCT/US17/024267		

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PATENT NUMBER	IPC CLASS	INVENTOR	ASSIGNOR	INVENTOR DATE	ASSIGNMENT DATE	PATENT NUMBER	PATENT NUMBER	GRANT NUMBER	GRANT NUMBER
77807-US-PCT	United States Of America	ETHYL CELLULOSE OLEOGEL DISPERSION	DOW GLOBAL TECHNOLOGIES LLC	03/27/2017	16/08/3182				
77807-MO-PCT	Procedure	ETHYL CELLULOSE OLEOGEL DISPERSION	DOW GLOBAL TECHNOLOGIES LLC	03/27/2017	PCT/US17/024267	WO/2017/172594			
77842-BR-PCT	Brazil	CELLULOSE ETHER POWDERS	DOW GLOBAL TECHNOLOGIES LLC	05/26/2016	11/2017025103-5				
77842-CN-PCT	China	CELLULOSE ETHER POWDERS	TECHNOLOGIES LLC	05/26/2016	201680029719.5	107667121			
77842-EP-EPT	European Procedure (Patents)	CELLULOSE ETHER POWDERS	DOW GLOBAL TECHNOLOGIES LLC	05/26/2016	16727603.9	3303407			
77842-IN-PCT	India	CELLULOSE ETHER POWDERS	DOW GLOBAL TECHNOLOGIES LLC	05/26/2016	201717045995	201717045995			
77842-JP-PCT	Japan	CELLULOSE ETHER POWDERS	DOW GLOBAL TECHNOLOGIES LLC	05/26/2016	2017-562326	2018-518569			
77842-KR-PCT	SOUTH KOREA	CELLULOSE ETHER POWDERS	DOW GLOBAL TECHNOLOGIES LLC	05/26/2016	10-2017-7036523				
77842-US-PCT	United States Of America	CELLULOSE ETHER POWDERS	DOW GLOBAL TECHNOLOGIES LLC	05/26/2016	15/574496	20180134811			
77842-WO-PCT	International Procedure	CELLULOSE ETHER POWDERS	TECHNOLOGIES LLC	05/26/2016	PCT/US16/034222	WO/2016/196153			
77843-CN-PCT	China	WATER-REDISPERSIBLE POLYMER POWDER	DOW GLOBAL TECHNOLOGIES LLC	09/12/2016	201680049836.8				
77843-EP-EPT	European Procedure (Patents)	WATER-REDISPERSIBLE POLYMER POWDER	TECHNOLOGIES LLC	09/12/2016	16770843.7	3349801			
77843-JP-PCT	Japan	WATER-REDISPERSIBLE POLYMER POWDER	TECHNOLOGIES LLC	09/12/2016	2018-512147				
77843-KR-PCT	SOUTH KOREA	WATER-REDISPERSIBLE POLYMER POWDER	TECHNOLOGIES LLC	09/12/2016	10-2018-7009058				
77843-US-PCT	United States Of America	WATER-REDISPERSIBLE POLYMER POWDER	DOW GLOBAL TECHNOLOGIES LLC	09/12/2016	15/755625	US-2018-0244860-A1			
78060-BR-PCT	Brazil	WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS	DOW GLOBAL TECHNOLOGIES LLC	11/15/2016	112018010354.3				
78060-CN-PCT	China	WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS	DOW GLOBAL TECHNOLOGIES LLC	11/15/2016	201680067744.2	108348466			
78060-EP-EPT	European Procedure (Patents)	WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS	DOW GLOBAL TECHNOLOGIES LLC	11/15/2016	16810134.3				

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78060-IN-PCT	India	COMPOSITIONS COMPRISING CELLULOSE ETHERS AND WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS	DOW GLOBAL TECHNOLOGIES LLC	11/15/2016	201817022756		
78060-JP-PCT	Japan	CELLULOSE ETHERS AND WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS	DOW GLOBAL TECHNOLOGIES LLC	11/15/2016	2018-526050		
78060-KR-PCT	SOUTH KOREA	COMPOSITIONS COMPRISING CELLULOSE ETHERS AND WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS	DOW GLOBAL TECHNOLOGIES LLC	11/15/2016	10-2018-7017620		
78060-US-PCT	United States Of America	CELLULOSE ETHERS AND WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS	DOW GLOBAL TECHNOLOGIES LLC	11/15/2016	16/060158		
78060-WO-PCT	International Procedure	COMPOSITIONS COMPRISING CELLULOSE ETHERS AND WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS	DOW GLOBAL TECHNOLOGIES LLC	11/15/2016	PCT/US16/061991	WO/2017/099952	
78093-BR-PCT	Brazil	BRINE SOLUTIONS	TECHNOLOGIES LLC	09/27/2016	112018005819-0		
78093-CN-PCT	China	BRINE SOLUTIONS	TECHNOLOGIES LLC	09/27/2016	201680054815.5	108135234	
78093-EP-EPT	European Procedure (Patents)	BRINE SOLUTIONS	TECHNOLOGIES LLC	09/27/2016	16778973.4	3355718	
78093-IN-PCT	India	BRINE SOLUTIONS	TECHNOLOGIES LLC	09/27/2016	201817013550		
78093-JP-PCT	Japan	BRINE SOLUTIONS	TECHNOLOGIES LLC	09/27/2016	2018-514999		
78093-KR-PCT	SOUTH KOREA	BRINE SOLUTIONS	TECHNOLOGIES LLC	09/27/2016	10-2018-7010390		
78093-US-PCT	United States Of America	BRINE SOLUTIONS	TECHNOLOGIES LLC	09/27/2016	15/764421		
78244-BR-PCT	Brazil	AQUEOUS SOLUTION OF CELLULOSE ETHER ACETATE	DOW GLOBAL TECHNOLOGIES LLC	05/01/2017	PCT/US17/030378		
78244-CN-PCT	China	AQUEOUS SOLUTION OF CELLULOSE ETHER ACETATE	TECHNOLOGIES LLC	05/01/2017	PCT/US17/030378		
78244-EP-EPT	European Procedure (Patents)	AQUEOUS SOLUTION OF CELLULOSE ETHER ACETATE	DOW GLOBAL TECHNOLOGIES LLC	05/01/2017	PCT/US17/030378		
78244-IN-PCT	India	AQUEOUS SOLUTION OF CELLULOSE ETHER ACETATE	TECHNOLOGIES LLC	05/01/2017	PCT/US17/030378		
78244-JP-PCT	Japan	AQUEOUS SOLUTION OF CELLULOSE ETHER ACETATE	TECHNOLOGIES LLC	05/01/2017	PCT/US17/030378		

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT NUMBER
78244-KR-PCT	SOUTH KOREA	AQUEOUS SOLUTION OF CELLULOSE ETHER ACETATE	DOW GLOBAL TECHNOLOGIES LLC	05/01/2017	PCT/US17/030378		
78244-US-PCT	United States Of America	AQUEOUS SOLUTION OF CELLULOSE ETHER ACETATE	DOW GLOBAL TECHNOLOGIES LLC	05/01/2017	16/072673		
78244-WO-PCT	International Procedure	AQUEOUS SOLUTION OF CELLULOSE ETHER ACETATE	DOW GLOBAL TECHNOLOGIES LLC	05/01/2017	PCT/US17/030378	WO/2017/205008	
78262-BR-PCT	Brazil	POLYALKOXY FATTY COMPOUND	DOW GLOBAL TECHNOLOGIES LLC	09/01/2016	1120180043940		
78262-CN-PCT	China	POLYALKOXY FATTY COMPOUND	DOW GLOBAL TECHNOLOGIES LLC	09/01/2016	201680051481.6	108026264	
78262-EP-EPT	European Procedure (Patents)	POLYALKOXY FATTY COMPOUND	DOW GLOBAL TECHNOLOGIES LLC	09/01/2016	16767083.5	3347403	
78262-IN-PCT	India	POLYALKOXY FATTY COMPOUND	TECHNOLOGIES LLC	09/01/2016	201817010220		
78262-JP-PCT	Japan	POLYALKOXY FATTY COMPOUND	DOW GLOBAL TECHNOLOGIES LLC	09/01/2016	2018-511448		
78262-KR-PCT	SOUTH KOREA	POLYALKOXY FATTY COMPOUND	TECHNOLOGIES LLC	09/01/2016	10-2018-7008332		
78262-US-PCT	United States Of America	POLYALKOXY FATTY COMPOUND	DOW GLOBAL TECHNOLOGIES LLC	09/01/2016	15/753757		
78269-BR-PCT	Brazil	POLYALKOXY FATTY COMPOUND	TECHNOLOGIES LLC	09/01/2016	112018004717-1		
78269-CN-PCT	China	POLYALKOXY FATTY COMPOUND	DOW GLOBAL TECHNOLOGIES LLC	09/01/2016	201680052175.4	108025033	
78269-EP-EPT	European Procedure (Patents)	POLYALKOXY FATTY COMPOUND	TECHNOLOGIES LLC	09/01/2016	16766167.7	3347031	
78269-IN-PCT	India	POLYALKOXY FATTY COMPOUND	TECHNOLOGIES LLC	09/01/2016	201817010483		
78269-JP-PCT	Japan	POLYALKOXY FATTY COMPOUND	TECHNOLOGIES LLC	09/01/2016	2018-512609		
78269-KR-PCT	SOUTH KOREA	POLYALKOXY FATTY COMPOUND	DOW GLOBAL TECHNOLOGIES LLC	09/01/2016	10-2018-7008333		
78269-US-CNT	United States Of America	POLYALKOXY FATTY COMPOUND	DOW GLOBAL TECHNOLOGIES LLC	06/29/2018	16/023049		
78269-US-PCT	United States Of America	POLYALKOXY FATTY COMPOUND	DOW GLOBAL TECHNOLOGIES LLC	09/01/2016	15/753753		
78374-BR-PCT	Brazil	CELLULOSE DERIVATIVES	TECHNOLOGIES LLC	12/13/2016	112018010792-1		
78374-CN-PCT	China	CELLULOSE DERIVATIVES	TECHNOLOGIES LLC	12/13/2016	201680070872.2	108366594	
78374-EP-EPT	European Procedure (Patents)	BLENDS OF OKARA WITH CELLULOSE DERIVATIVES	DOW GLOBAL TECHNOLOGIES LLC	12/13/2016	16822326.1		

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PATENT NUMBER	COUNTRY	TITLE	OWNER	PENDING DATE	APP. NUMBER	PUB. NUMBER	GRANT DATE	GRANT NUMBER
78374-IN-PCT	India	BLENDS OF OKARA WITH CELLULOSE DERIVATIVES	DOW GLOBAL TECHNOLOGIES LLC	12/13/2016	201817023804			
78374-JP-PCT	Japan	BLENDS OF OKARA WITH CELLULOSE DERIVATIVES	DOW GLOBAL TECHNOLOGIES LLC	12/13/2016	2018-528039			
78374-KR-PCT	SOUTH KOREA	BLENDS OF OKARA WITH CELLULOSE DERIVATIVES	DOW GLOBAL TECHNOLOGIES LLC	12/13/2016	10-2018-7018303			
78374-US-PCT	United States Of America	BLENDS OF OKARA WITH CELLULOSE DERIVATIVES	DOW GLOBAL TECHNOLOGIES LLC	12/13/2016	15/776158			
78374-WO-PCT	International Procedure	BLENDS OF OKARA WITH CELLULOSE DERIVATIVES	DOW GLOBAL TECHNOLOGIES LLC	12/13/2016	PCT/US16066255	WO/2017/106121		
78499-BR-PCT	Brazil	PROCESSED MEAT PRODUCT COMPRISING A CELLULOSE ETHER AND A FIBER-CONTAINING PECTIN PRODUCT	DOW GLOBAL TECHNOLOGIES LLC	03/28/2017	PCT/US17/024469			
78499-CN-PCT	China	PROCESSED MEAT PRODUCT COMPRISING A CELLULOSE ETHER AND A FIBER-CONTAINING PECTIN PRODUCT	DOW GLOBAL TECHNOLOGIES LLC	03/28/2017	PCT/US17/024469			
78499-EP-EPT	European Procedure (Patents)	PROCESSED MEAT PRODUCT COMPRISING A CELLULOSE ETHER AND A FIBER-CONTAINING PECTIN PRODUCT	DOW GLOBAL TECHNOLOGIES LLC	03/28/2017	17716710.3			
78499-IN-PCT	India	PROCESSED MEAT PRODUCT COMPRISING A CELLULOSE ETHER AND A FIBER-CONTAINING PECTIN PRODUCT	DOW GLOBAL TECHNOLOGIES LLC	03/28/2017	PCT/US17/024469			
78499-JP-PCT	Japan	PROCESSED MEAT PRODUCT COMPRISING A CELLULOSE ETHER AND A FIBER-CONTAINING PECTIN PRODUCT	DOW GLOBAL TECHNOLOGIES LLC	03/28/2017	PCT/US17/024469			
78499-KR-PCT	SOUTH KOREA	PROCESSED MEAT PRODUCT COMPRISING A CELLULOSE ETHER AND A FIBER-CONTAINING PECTIN PRODUCT	DOW GLOBAL TECHNOLOGIES LLC	03/28/2017	PCT/US17/024469			
78499-US-PCT	United States Of America	PROCESSED MEAT PRODUCT COMPRISING A CELLULOSE ETHER AND A FIBER-CONTAINING PECTIN PRODUCT	DOW GLOBAL TECHNOLOGIES LLC	03/28/2017	16/067406			

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Case Reference	Country	Title	Owner	Filing Date	App. Number	Pub. Number	Grant Date	Grant Number
		PROCESSED MEAT PRODUCT COMPRISING A CELLULOSE ETHER AND A FIBER-CONTAINING PECTIN PRODUCT	DOW GLOBAL TECHNOLOGIES LLC	03/28/2017	PCT/US17/024469	WO/2017/172711		
78499-WO-PCT	International Procedure	OIL COMPOSITIONS WITH STARCH	DOW GLOBAL TECHNOLOGIES LLC	09/14/2017	PCT/US17/051481	WO/2018/057381		
78619-WO-PCT	International Procedure	ESTERIFIED CELLULOSE ETHERS COMPRISING PHITHALYL GROUPS	DOW GLOBAL TECHNOLOGIES LLC	06/20/2017	PCT/US17/038217			
78650-BR-PCT	Brazil	ESTERIFIED CELLULOSE ETHERS COMPRISING PHITHALYL GROUPS	DOW GLOBAL TECHNOLOGIES LLC	06/20/2017	PCT/US17/038217			
78650-CN-PCT	China	ESTERIFIED CELLULOSE ETHERS COMPRISING PHITHALYL GROUPS	DOW GLOBAL TECHNOLOGIES LLC	06/20/2017	PCT/US17/038217			
78650-EP-EPT	European Procedure (Patents)	ESTERIFIED CELLULOSE ETHERS COMPRISING PHITHALYL GROUPS	DOW GLOBAL TECHNOLOGIES LLC	06/20/2017	PCT/US17/038217			
78650-IN-PCT	India	ESTERIFIED CELLULOSE ETHERS COMPRISING PHITHALYL GROUPS	DOW GLOBAL TECHNOLOGIES LLC	06/20/2017	PCT/US17/038217			
78650-JP-PCT	Japan	ESTERIFIED CELLULOSE ETHERS COMPRISING PHITHALYL GROUPS	DOW GLOBAL TECHNOLOGIES LLC	06/20/2017	PCT/US17/038217			
78650-KR-PCT	SOUTH KOREA	ESTERIFIED CELLULOSE ETHERS COMPRISING PHITHALYL GROUPS	DOW GLOBAL TECHNOLOGIES LLC	06/20/2017	PCT/US17/038217			
78650-US-PCT	United States Of America	ESTERIFIED CELLULOSE ETHERS COMPRISING PHITHALYL GROUPS	DOW GLOBAL TECHNOLOGIES LLC	06/20/2017	16/072650			
78650-WO-PCT	International Procedure	ESTERIFIED CELLULOSE ETHERS COMPRISING PHITHALYL GROUPS	DOW GLOBAL TECHNOLOGIES LLC	06/20/2017	PCT/US17/038217	WO/2017/223017		
786687-AU-PCT	Australia	GLUTEN-FREE FLOUR AND HYDROXYPROPYL METHYL CELLULOSE COMPOSITION COMPRISING GLUTEN-FREE FLOUR AND HYDROXYPROPYL METHYL CELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	01/13/2017	2017210987			
786687-BR-PCT	Brazil	GLUTEN-FREE FLOUR AND HYDROXYPROPYL METHYL CELLULOSE COMPOSITION COMPRISING GLUTEN-FREE FLOUR AND HYDROXYPROPYL METHYL CELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	01/13/2017	BR112018014856-3			
786687-CN-PCT	China	GLUTEN-FREE FLOUR AND HYDROXYPROPYL METHYL CELLULOSE COMPOSITION COMPRISING GLUTEN-FREE FLOUR AND HYDROXYPROPYL METHYL CELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	01/13/2017	201780006532.8			
786687-EP-EPT	European Procedure (Patents)	GLUTEN-FREE FLOUR AND HYDROXYPROPYL METHYL CELLULOSE COMPOSITION COMPRISING GLUTEN-FREE FLOUR AND HYDROXYPROPYL METHYL CELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	01/13/2017	17702463.5			

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Patent Number	Country	Title	Inventor	Filing Date	App. Number	Pub. Number	Grant Number
78687-IN-PCT	India	COMPOSITION COMPRISING GLUTEN-FREE FLOUR AND HYDROXYPROPYL METHYL CELLULOSE COMPOSITION COMPRISING GLUTEN-FREE FLOUR AND HYDROXYPROPYL METHYL CELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	01/13/2017	201817029711		
78687-JP-PCT	Japan	METHYL CELLULOSE COMPOSITION COMPRISING GLUTEN-FREE FLOUR AND HYDROXYPROPYL METHYL CELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	01/13/2017	2018-535111		
78687-KR-PCT	SOUTH KOREA	COMPOSITION COMPRISING GLUTEN-FREE FLOUR AND HYDROXYPROPYL METHYL CELLULOSE COMPOSITION COMPRISING GLUTEN-FREE FLOUR AND HYDROXYPROPYL METHYL CELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	01/13/2017	10-2018-7022577		
78687-US-PCT	United States Of America	HYDROXYPROPYL METHYL CELLULOSE COMPOSITION COMPRISING GLUTEN-FREE FLOUR AND HYDROXYPROPYL METHYL CELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	01/13/2017	16/064043		
78687-WO-PCT	International Procedure	EFFICIENT PROCESS OF PREPARING AN ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	01/13/2017	PCT/US17/013472	WO/2017/131973	
78698-BR-PCT	Brazil	EFFICIENT PROCESS OF PREPARING AN ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	10/17/2017	PCT/US17/056836		
78698-CN-PCT	China	EFFICIENT PROCESS OF PREPARING AN ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	10/17/2017	PCT/US17/056836		
78698-EP-EPT	European Procedure (Patents)	EFFICIENT PROCESS OF PREPARING AN ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	10/17/2017	PCT/US17/056836		
78698-IN-PCT	India	EFFICIENT PROCESS OF PREPARING AN ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	10/17/2017	PCT/US17/056836		
78698-JP-PCT	Japan	EFFICIENT PROCESS OF PREPARING AN ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	10/17/2017	PCT/US17/056836		
78698-KR-PCT	SOUTH KOREA	EFFICIENT PROCESS OF PREPARING AN ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	10/17/2017	PCT/US17/056836		
78698-MX-PCT	Mexico	EFFICIENT PROCESS OF PREPARING AN ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	10/17/2017	PCT/US17/056836		
78698-US-PCT	United States Of America	EFFICIENT PROCESS OF PREPARING AN ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	10/17/2017	16/072744		
78698-WO-PCT	International Procedure	EFFICIENT PROCESS OF PREPARING AN ESTERIFIED CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	10/17/2017	PCT/US17/056836	WO/2018/075420	

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PATENT NUMBER	CO-PATENT	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT NUMBER
		METHOD FOR GENERATING SALTS OF PHARMACEUTICAL ACTIVE INGREDIENTS					
78779-WO-PCT	International Procedure	BLEND OF OKARA AND A FIBER-CONTAINING PECTIN PRODUCT	DOW GLOBAL TECHNOLOGIES LLC	11/09/2017	PCT/US17/060825		WO/2018/11459
78850-BR-PCT	Brazil	BLEND OF OKARA AND A FIBER-CONTAINING PECTIN PRODUCT	DOW GLOBAL TECHNOLOGIES LLC	03/28/2017	1120180687715		
78850-CN-PCT	China	BLEND OF OKARA AND A FIBER-CONTAINING PECTIN PRODUCT	DOW GLOBAL TECHNOLOGIES LLC	03/28/2017	PCT/US17/024476		
78850-EP-EPT	European Procedure (Patents)	FIBER-CONTAINING PECTIN PRODUCT	DOW GLOBAL TECHNOLOGIES LLC	03/28/2017	17718642.6		
78850-IN-PCT	India	BLEND OF OKARA AND A FIBER-CONTAINING PECTIN PRODUCT	DOW GLOBAL TECHNOLOGIES LLC	03/28/2017	PCT/US17/024476		
78850-JP-PCT	Japan	FIBER-CONTAINING PECTIN PRODUCT	DOW GLOBAL TECHNOLOGIES LLC	03/28/2017	PCT/US17/024476		
78850-KR-PCT	SOUTH KOREA	BLEND OF OKARA AND A FIBER-CONTAINING PECTIN PRODUCT	DOW GLOBAL TECHNOLOGIES LLC	03/28/2017	PCT/US17/024476		
78850-US-PCT	United States Of America	BLEND OF OKARA AND A FIBER-CONTAINING PECTIN PRODUCT	DOW GLOBAL TECHNOLOGIES LLC	03/28/2017	16/067414		
78850-WO-PCT	International Procedure	BLEND OF OKARA AND A FIBER-CONTAINING PECTIN PRODUCT	DOW GLOBAL TECHNOLOGIES LLC	03/28/2017	PCT/US17/024476		WO/2017/172718
78977-BR-PCT	Brazil	CELLULOSE ETHER ACETATE PHTHALATES	TECHNOLOGIES LLC	08/22/2017	PCT/US17/047997		
78977-CN-PCT	China	CELLULOSE ETHER ACETATE PHTHALATES	DOW GLOBAL TECHNOLOGIES LLC	08/22/2017	PCT/US17/047997		
78977-EP-EPT	European Procedure (Patents)	CELLULOSE ETHER ACETATE PHTHALATES	DOW GLOBAL TECHNOLOGIES LLC	08/22/2017	PCT/US17/047997		
78977-IN-PCT	India	CELLULOSE ETHER ACETATE PHTHALATES	DOW GLOBAL TECHNOLOGIES LLC	08/22/2017	PCT/US17/047997		
78977-JP-PCT	Japan	CELLULOSE ETHER ACETATE PHTHALATES	DOW GLOBAL TECHNOLOGIES LLC	08/22/2017	PCT/US17/047997		
78977-KR-PCT	SOUTH KOREA	CELLULOSE ETHER ACETATE PHTHALATES	DOW GLOBAL TECHNOLOGIES LLC	08/22/2017	PCT/US17/047997		
78977-US-PCT	United States Of America	CELLULOSE ETHER ACETATE PHTHALATES	DOW GLOBAL TECHNOLOGIES LLC	08/22/2017	16/072691		
78977-WO-PCT	International Procedure	CELLULOSE ETHER ACETATE PHTHALATES	DOW GLOBAL TECHNOLOGIES LLC	08/22/2017	PCT/US17/047997		WO/2018/039220

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CLASSIFICATION	CONVENTION	TITLE	OWNER	REFERENCE DATE	APP. NUMBER	PUB. NUMBER	GRANT DATE	OP. INT. NUMBER
79158-WO-PCT	International Procedure	ESTERIFIED CELLULOSE ETHERS COMPRISING TRIMELLITYL GROUPS	DOW GLOBAL TECHNOLOGIES LLC	06/20/2017	PCT/US17/038218	WO/2017/1223018		
79160-WO-PCT	International Procedure	ESTERIFIED CELLULOSE ETHERS COMPRISING MALEYL GROUPS PROCESS FOR RECOVERING AN ESTERIFIED CELLULOSE ETHER FROM A REACTION PRODUCT MIXTURE	DOW GLOBAL TECHNOLOGIES LLC	08/22/2017	PCT/US17/047989	WO/2018/039214		
79218-WO-PCT	International Procedure	PROCESS FOR RECOVERING AN ESTERIFIED CELLULOSE ETHER FROM A REACTION PRODUCT MIXTURE	DOW GLOBAL TECHNOLOGIES LLC	03/14/2018	PCT/US18/022335			
79219-WO-PCT	International Procedure	BLEND OF A CELLULOSE DERIVATIVE AND BRAN DEGRADATION PRODUCT	DOW GLOBAL TECHNOLOGIES LLC	03/14/2018	PCT/US18/022338			
79221-WO-PCT	International Procedure	FOOD PRODUCTS COMPRISING METHYLCELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	12/19/2017	PCT/US17/067169	WO/2018/128796		
79245-EP-EPT	European Procedure (Parents)	FOOD PRODUCTS COMPRISING METHYLCELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	05/01/2017	PCT/US17/030392			
79245-WO-PCT	International Procedure	FOOD PRODUCTS COMPRISING METHYLCELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	05/01/2017	PCT/US17/030392	WO/2017/1192445		
79297-WO-PCT	International Procedure	FRYING OILS	DOW GLOBAL TECHNOLOGIES LLC	09/14/2017	PCT/US17/051482	WO/2018/057382		
79299-WO-PCT	International Procedure	SOLID COMPOSITION CONTAINING OLEOGEL	DOW GLOBAL TECHNOLOGIES LLC	09/14/2017	PCT/US17/051487	WO/2018/057383		
79300-WO-PCT	International Procedure	OLEOGEL WITH STEARIC ACID SIMPLIFIED PROCESS FOR MAKING LOW VISCOSITY CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	09/14/2017	PCT/US17/051490	WO/2018/057384		
80053-US-PSP	United States Of America	MAKING LOW VISCOSITY CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	10/03/2017	62/567349			
80053-WO-PCT	International Procedure	MAKING LOW VISCOSITY CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	07/26/2018	PCT/US18/043798			
80174-WO-PCT	International Procedure	FAST HYDRATABLE KONJAC FLOUR PROCESS FOR PRODUCING A HYDROGEL BASED ON METHYLCELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	04/19/2018	PCT/US18/028293			
80235-WO-PCT	International Procedure	PROCESS FOR PRODUCING HYDROGELS BASED ON ESTERIFIED CELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	05/22/2018	PCT/US18/33799			
80236-WO-PCT	International Procedure	ESTERIFIED CELLULOSE ETHERS	DOW GLOBAL TECHNOLOGIES LLC	05/22/2018	PCT/US18/33801			
80269-WO-PCT	International Procedure	USE OF XYLOGLYCANIN GLUTEN FREE BREAD	DOW GLOBAL TECHNOLOGIES LLC	02/05/2018	PCT/US18/016789	WO 2018/148131		

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80270-WO-PCT	International Procedure	COMPOSITION COMPRISING GLUTEN-FREE FLOUR AND HYDROXYPROPYL METHYL CELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	02/19/2018	PCT/US18/018605		WO 2018/164825	
80289-WO-PCT	International Procedure	PROCESS FOR RECOVERING AN ESTERIFIED CELLULOSE ETHER FROM A REACTION PRODUCT MIXTURE	DOW GLOBAL TECHNOLOGIES LLC	03/14/2018	PCT/US18/022364			
80335-WO-PCT	International Procedure	ENZYMATICALLY MODIFIED XYLOGLUCAN IN SWEET BAKERY FILLINGS	DOW GLOBAL TECHNOLOGIES LLC	02/05/2018	PCT/US18/016788		WO 2018/148130	
80380-WO-PCT	International Procedure	FAST HYDRATABLE KONJAC FLOUR	DOW GLOBAL TECHNOLOGIES LLC	04/19/2018	PCT/US18/028289			
80623-US-PS	United States Of America	HYDROGELS BASED ON ESTERIFIED CELLULOSE ETHERS	DOW GLOBAL TECHNOLOGIES LLC	11/29/2017	62/591804			
80623-WO-PCT	International Procedure	HYDROGELS BASED ON ESTERIFIED CELLULOSE ETHERS	DOW GLOBAL TECHNOLOGIES LLC	07/12/2018	PCT/US18/041736			
80669-WO-PCT	International Procedure	PROCESS FOR PRODUCING HYDROGELS BASED ON ESTERIFIED CELLULOSE ETHERS OF LOW MOLECULAR WEIGHT	DOW GLOBAL TECHNOLOGIES LLC	05/22/2018	PCT/US18/33808			
80670-WO-PCT	International Procedure	WATER-SOLUBLE POLYSACCHARIDES OF IMPROVED PALATABILITY	DOW GLOBAL TECHNOLOGIES LLC	05/22/2018	PCT/US18/033817			
80702-WO-PCT	International Procedure	METHOD FOR CONTROLLED PREPARATION OF LOW MOLECULAR WEIGHT CELLULOSE ETHER	DOW GLOBAL TECHNOLOGIES LLC	06/29/2018	PCT/US18/040196			
80899-WO-PCT	International Procedure	PROCESS FOR PRODUCING HYDROGELS BASED ON HYDROXYALKYL METHYLCELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	05/22/2018	PCT/US18/033812			
80986-WO-PCT	International Procedure	WATER-SOLUBLE POLYSACCHARIDES OF IMPROVED PALATABILITY	DOW GLOBAL TECHNOLOGIES LLC	05/22/2018	PCT/US18/033819			
81425-US-PS	United States Of America	PHARMACEUTICAL COMPOSITION CONTAINING RESIN PARTICLES	DOW GLOBAL TECHNOLOGIES LLC	12/22/2017	62/609701			
81425-US-PS[P2]	United States Of America	PHARMACEUTICAL COMPOSITION CONTAINING RESIN PARTICLES	DOW GLOBAL TECHNOLOGIES LLC	03/02/2018	62/637429			

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
81498-US-PSP	United States Of America	PHARMACEUTICAL COMPOSITION CONTAINING CROSSLINKED ION EXCHANGE RESIN	DOW GLOBAL TECHNOLOGIES LLC	12/22/2017	62/609696			
	United States Of America	PHARMACEUTICAL COMPOSITION CONTAINING CROSSLINKED ION EXCHANGE RESIN	DOW GLOBAL TECHNOLOGIES LLC	03/02/2018	62/637431			
81562-US-PSP	United States Of America	HYDROGELS BASED ON HYDROXYALKYL METHYLCELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	11/29/2017	62/591807			
	International Procedure	HYDROGELS BASED ON HYDROXYALKYL METHYLCELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	07/12/2018	PCT/US18/041739			
82385-US-PSP	United States Of America	A COMPOSITION COMPRISING A PROTEIN AND A POLYALKOXY FATTY ACYL SURFACTANT	DOW GLOBAL TECHNOLOGIES LLC	09/10/2018	62/729140			
		HYDROPHILIC, LUBRICIOUS MEDICAL DEVICES HAVING CONTRAST FOR MAGNETIC RESONANCE IMAGING	DOW GLOBAL TECHNOLOGIES INC	04/17/2001	351/CHE/NP/2003		03/13/2007	204316
WC005492-BE-EPT	Belgium	SUBSTANTIALLY FIBRE-FREE CELLULOSE ETHERS WHICH EXHIBIT IMPROVED WATER RETENTION, A PROCESS FOR THE PRODUCTION THEREOF AND THE USE THEREOF	DOW GLOBAL TECHNOLOGIES INC	10/12/1998	98965627.7	1025130	08/04/2004	1025130
		SUBSTANTIALLY FIBRE-FREE CELLULOSE ETHERS WHICH EXHIBIT IMPROVED WATER RETENTION, A PROCESS FOR THE PRODUCTION THEREOF AND THE USE THEREOF	DOW GLOBAL TECHNOLOGIES INC	10/12/1998	98965627.7	1025130	08/04/2004	1025130
WC005492-BR-PCT	Brazil	SUBSTANTIALLY FIBRE-FREE CELLULOSE ETHERS WHICH EXHIBIT IMPROVED WATER RETENTION, A PROCESS FOR THE PRODUCTION THEREOF AND THE USE THEREOF	DOW GLOBAL TECHNOLOGIES INC	10/12/1998	P19812971.6	P19812971.6	02/27/2007	P19812971.6
		SUBSTANTIALLY FIBRE-FREE CELLULOSE ETHERS WHICH EXHIBIT IMPROVED WATER RETENTION, A PROCESS FOR THE PRODUCTION THEREOF AND THE USE THEREOF	DOW GLOBAL TECHNOLOGIES INC	10/12/1998	98965627.7	1025130	08/04/2004	59811769.5
WC005492-FR-EPT	France	SUBSTANTIALLY FIBRE-FREE CELLULOSE ETHERS WHICH EXHIBIT IMPROVED WATER RETENTION, A PROCESS FOR THE PRODUCTION THEREOF AND THE USE THEREOF	DOW GLOBAL TECHNOLOGIES INC	10/12/1998	98965627.7	1025130	08/04/2004	1025130
		SUBSTANTIALLY FIBRE-FREE CELLULOSE ETHERS WHICH EXHIBIT IMPROVED WATER RETENTION, A PROCESS FOR THE PRODUCTION THEREOF AND THE USE THEREOF	DOW GLOBAL TECHNOLOGIES INC	10/12/1998	98965627.7	1025130	08/04/2004	1025130

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APP. NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT NUMBER
WC005492-GB-EPT	United Kingdom	SUBSTANTIALLY FIBRE-FREE CELLULOSE ETHERS WHICH EXHIBIT IMPROVED WATER RETENTION, A PROCESS FOR THE PRODUCTION THEREOF AND THE USE THEREOF	DOW GLOBAL TECHNOLOGIES LLC	10/12/1998	98965627.7	1025130	1025130
WC005492-IE-EPT	Ireland	CELLULOSE ETHERS WHICH EXHIBIT IMPROVED WATER RETENTION, A PROCESS FOR THE PRODUCTION THEREOF AND THE USE THEREOF	DOW GLOBAL TECHNOLOGIES LLC	10/12/1998	98965627.7	1025130	1025130
WC005492-KR-PCT	SOUTH KOREA	SUBSTANTIALLY FIBRE-FREE CELLULOSE ETHERS WHICH EXHIBIT IMPROVED WATER RETENTION, A PROCESS FOR THE PRODUCTION THEREOF AND THE USE THEREOF	DOW GLOBAL TECHNOLOGIES INC	10/12/1998	10-2000-7004163	10-2001-0031211	0526374
WC005492-NL-EPT	Netherlands	CELLULOSE ETHERS WHICH EXHIBIT IMPROVED WATER RETENTION, A PROCESS FOR THE PRODUCTION THEREOF AND THE USE THEREOF	DOW GLOBAL TECHNOLOGIES LLC	10/12/1998	98965627.7	1025130	1025130
WC005492-SE-EPT	Sweden	SUBSTANTIALLY FIBRE-FREE CELLULOSE ETHERS WHICH EXHIBIT IMPROVED WATER RETENTION, A PROCESS FOR THE PRODUCTION THEREOF AND THE USE THEREOF	DOW GLOBAL TECHNOLOGIES LLC	10/12/1998	98965627.7	1025130	1025130
WC005492-US-PCT	United States Of America	CELLULOSE ETHERS WHICH EXHIBIT IMPROVED WATER RETENTION, A PROCESS FOR THE PRODUCTION THEREOF AND THE USE THEREOF	DOW GLOBAL TECHNOLOGIES LLC	10/12/1998	09/529705		6593468
WC005532-BR-PCT	Brazil	METHOD FOR PRODUCING COMPACTED FREE-FLOWING RAW MATERIALS FOR VARNISH	DOW GLOBAL TECHNOLOGIES INC	02/23/2000	P10008706.8	P10008706.8	P10008706.8
WC005532-CN-NP	China	METHOD FOR PRODUCING COMPACTED FREE-FLOWING RAW MATERIALS FOR VARNISH	DOW GLOBAL TECHNOLOGIES INC	02/23/2000	00804462.7	1342168	00804462.7

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WCO NUMBER	COUNTRY	TITLE	OWNER	PENDING DATE	APP. NUMBER	PRI. NUMBER	GRANT NUMBER
WC005532-DE-EPT	Germany	METHOD FOR PRODUCING COMPACTED FREE-FLOWING RAW MATERIALS FOR VARNISH	DOW GLOBAL TECHNOLOGIES INC	02/23/2000	00916861.8	1183276	50003455.9
WC005532-IN-PCT	India	METHOD FOR PRODUCING COMPACTED FREE-FLOWING RAW MATERIALS FOR VARNISH	DOW GLOBAL TECHNOLOGIES INC	02/23/2000	PCT01/00990/MUM		203691
WC005532-KR-PCT	SOUTH KOREA	METHOD FOR PRODUCING COMPACTED FREE-FLOWING RAW MATERIALS FOR VARNISH	DOW GLOBAL TECHNOLOGIES INC	02/23/2000	10-2001-7011151	10-2001-0105367	0637815
WC005532-TW-NP	Taiwan	METHOD FOR PRODUCING COMPACTED FREE-FLOWING RAW MATERIALS FOR VARNISH	DOW GLOBAL TECHNOLOGIES INC	03/01/2000	89-103531	271408	271408
WC005563-BE-EPA	Belgium	A PROCESS FOR PRODUCING PARTICULATE WATER SOLUBLE CELLULOSE DERIVATIVES	DOW GLOBAL TECHNOLOGIES INC	02/16/2001	01103518.5	1127895	1127895
WC005563-CN-NP	China	A PROCESS FOR PRODUCING PARTICULATE WATER SOLUBLE CELLULOSE DERIVATIVES	DOW GLOBAL TECHNOLOGIES INC	02/28/2001	01108950.4	1311258	01108950.4
WC005563-DE-EPA	Germany	A PROCESS FOR PRODUCING PARTICULATE WATER SOLUBLE CELLULOSE DERIVATIVES	DOW GLOBAL TECHNOLOGIES INC	02/16/2001	01103518.5	1127895	50109727.9
WC005563-DK-EPA	Denmark	A PROCESS FOR PRODUCING PARTICULATE WATER SOLUBLE CELLULOSE DERIVATIVES	DOW GLOBAL TECHNOLOGIES INC	02/16/2001	01103518.5	1127895	1127895
WC005563-FI-EPA	Finland	A PROCESS FOR PRODUCING PARTICULATE WATER SOLUBLE CELLULOSE DERIVATIVES	DOW GLOBAL TECHNOLOGIES INC	02/16/2001	01103518.5	1127895	1127895
WC005563-FR-EPA	France	A PROCESS FOR PRODUCING PARTICULATE WATER SOLUBLE CELLULOSE DERIVATIVES	DOW GLOBAL TECHNOLOGIES INC	02/16/2001	01103518.5	1127895	1127895
WC005563-GB-EPA	United Kingdom	A PROCESS FOR PRODUCING PARTICULATE WATER SOLUBLE CELLULOSE DERIVATIVES	DOW GLOBAL TECHNOLOGIES LLC	02/16/2001	01103518.5	1127895	1127895

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000000000000	00000000	THIS	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
WC005563-JP-DIV	Japan	A PROCESS FOR PRODUCING PARTICULATE WATER SOLUBLE CELLULOSE DERIVATIVES	DOW GLOBAL TECHNOLOGIES LLC	07/03/2012	2012-149456	2012-229428	04/22/2016	5921976
WC005563-JP-NP	Japan	A PROCESS FOR PRODUCING PARTICULATE WATER SOLUBLE CELLULOSE DERIVATIVES	DOW GLOBAL TECHNOLOGIES LLC	02/21/2001	2001-045076	2001-240601		
WC005563-KR-NP	SOUTH KOREA	A PROCESS FOR PRODUCING PARTICULATE WATER SOLUBLE CELLULOSE DERIVATIVES	DOW GLOBAL TECHNOLOGIES INC	02/27/2001	10-2001-0010051	10-2001-0085676	07/16/2007	0742030
WC005563-MX-NP	Mexico	A PROCESS FOR PRODUCING PARTICULATE WATER SOLUBLE CELLULOSE DERIVATIVES	DOW GLOBAL TECHNOLOGIES INC	02/27/2001	P/A/A/01/002094	P/A/A/01/002094	12/19/2003	218361
WC005563-NL-EPA	Netherlands	A PROCESS FOR PRODUCING PARTICULATE WATER SOLUBLE CELLULOSE DERIVATIVES	DOW GLOBAL TECHNOLOGIES INC	02/16/2001	01103518.5	1127895	05/10/2006	1127895
WC005563-SE-EPA	Sweden	A PROCESS FOR PRODUCING PARTICULATE WATER SOLUBLE CELLULOSE DERIVATIVES	DOW GLOBAL TECHNOLOGIES INC	02/16/2001	01103518.5	1127895	05/10/2006	1127895
WC005563-US-NP	United States Of America	A PROCESS FOR PRODUCING PARTICULATE WATER SOLUBLE CELLULOSE DERIVATIVES	DOW GLOBAL TECHNOLOGIES LLC	02/16/2001	09/788116	2001-034441	01/21/2003	6509461
WC005611-CN-NP	China	CONTINUOUS PROCESS FOR THE PRODUCTION AND/OR WORKUP OF POLYSACCHARIDE DERIVATIVES	DOW GLOBAL TECHNOLOGIES INC	05/07/2003	03130929.1	1456575	12/27/2006	03130929.1
WC005611-DE-NP	Germany	CONTINUOUS PROCESS FOR THE PRODUCTION AND/OR WORKUP OF POLYSACCHARIDE DERIVATIVES	DOW GLOBAL TECHNOLOGIES INC	05/07/2002	10220270.2	10220270.2	10/10/2016	10220270.2
WC005611-ES-EPA	Spain	CONTINUOUS PROCESS FOR THE PRODUCTION AND/OR WORKUP OF POLYSACCHARIDE DERIVATIVES	DOW GLOBAL TECHNOLOGIES INC	04/24/2003	03009313.2	1361230	08/23/2006	1361230

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SEQUENCE	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
WC005611-FR-EPA	France	CONTINUOUS PROCESS FOR THE PRODUCTION AND/OR WORKUP OF POLYSACCHARIDE DERIVATIVES	DOW GLOBAL TECHNOLOGIES INC	04/24/2003	03009313.2	1361230	08/23/2006	1361230
WC005611-GB-EPA	United Kingdom	CONTINUOUS PROCESS FOR THE PRODUCTION AND/OR WORKUP OF POLYSACCHARIDE DERIVATIVES	DOW GLOBAL TECHNOLOGIES LLC	04/24/2003	03009313.2	1361230	08/23/2006	1361230
WC005611-US-NP	United States Of America	CONTINUOUS PROCESS FOR THE PRODUCTION AND/OR WORKUP OF POLYSACCHARIDE DERIVATIVES	DOW GLOBAL TECHNOLOGIES LLC	05/02/2003	10/429543	2003-0220492	01/11/2011	7868166
WC005616-AT-EPA	Austria	HAVING GEL-LIKE RHEOLOGICAL PROPERTIES AND PROCESS FOR THE PREPARATION THEREOF	DOW GLOBAL TECHNOLOGIES INC	07/15/2003	03016027.9	1384727	07/02/2008	1384727
WC005616-BE-EPA	Belgium	HAVING GEL-LIKE RHEOLOGICAL PROPERTIES AND PROCESS FOR THE PREPARATION THEREOF	DOW GLOBAL TECHNOLOGIES INC	07/15/2003	03016027.9	1384727	07/02/2008	1384727
WC005616-CH-EPA	Switzerland	HAVING GEL-LIKE RHEOLOGICAL PROPERTIES AND PROCESS FOR THE PREPARATION THEREOF	DOW GLOBAL TECHNOLOGIES INC	07/15/2003	03016027.9	1384727	07/02/2008	1384727
WC005616-CN-NP	China	HAVING GEL-LIKE RHEOLOGICAL PROPERTIES AND PROCESS FOR THE PREPARATION THEREOF	DOW GLOBAL TECHNOLOGIES INC	07/25/2003	03133187.4	1475507	06/06/2007	03133187.4
WC005616-DE-EPA	Germany	HAVING GEL-LIKE RHEOLOGICAL PROPERTIES AND PROCESS FOR THE PREPARATION THEREOF	DOW GLOBAL TECHNOLOGIES INC	07/15/2003	03016027.9	1384727	07/02/2008	50310059.5
WC005616-ES-EPA	Spain	CELLULOSE DERIVATIVES HAVING GEL-LIKE RHEOLOGICAL PROPERTIES AND PROCESS FOR THE PREPARATION THEREOF	DOW GLOBAL TECHNOLOGIES INC	07/15/2003	03016027.9	1384727	07/02/2008	1384727

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SEQUENCE	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
		CELLULOSE DERIVATIVES HAVING GEL-LIKE RHEOLOGICAL PROPERTIES AND PROCESS FOR THE PREPARATION THEREOF	DOW GLOBAL TECHNOLOGIES INC	07/15/2003	03016027.9	1384727	07/02/2008	1384727
WC005616-FR-EPA	France	CELLULOSE DERIVATIVES HAVING GEL-LIKE RHEOLOGICAL PROPERTIES AND PROCESS FOR THE PREPARATION THEREOF	DOW GLOBAL TECHNOLOGIES INC	07/15/2003	03016027.9	1384727	07/02/2008	1384727
WC005616-SB-EPA	United Kingdom	CELLULOSE DERIVATIVES HAVING GEL-LIKE RHEOLOGICAL PROPERTIES AND PROCESS FOR THE PREPARATION THEREOF	DOW GLOBAL TECHNOLOGIES INC	07/15/2003	03016027.9	1384727	07/02/2008	1384727
WC005616-IE-EPA	Ireland	CELLULOSE DERIVATIVES HAVING GEL-LIKE RHEOLOGICAL PROPERTIES AND PROCESS FOR THE PREPARATION THEREOF	DOW GLOBAL TECHNOLOGIES INC	07/15/2003	03016027.9	1384727	07/02/2008	1384727
WC005616-IT-EPA	Italy	CELLULOSE DERIVATIVES HAVING GEL-LIKE RHEOLOGICAL PROPERTIES AND PROCESS FOR THE PREPARATION THEREOF	DOW GLOBAL TECHNOLOGIES INC	07/15/2003	03016027.9	1384727	07/02/2008	1384727
WC005616-JP-NP	Japan	CELLULOSE DERIVATIVES HAVING GEL-LIKE RHEOLOGICAL PROPERTIES AND PROCESS FOR THE PREPARATION THEREOF	DOW GLOBAL TECHNOLOGIES LLC	07/25/2003	2003-201870	2004-059922	04/13/2012	4970703
WC005616-KR-NP	SOUTH KOREA	CELLULOSE DERIVATIVES HAVING GEL-LIKE RHEOLOGICAL PROPERTIES AND PROCESS FOR THE PREPARATION THEREOF	DOW GLOBAL TECHNOLOGIES LLC	07/24/2003	10-2003-0050868	10-2004-0010362	02/01/2011	10-1014103
WC005616-NL-EPA	Netherlands	CELLULOSE DERIVATIVES HAVING GEL-LIKE RHEOLOGICAL PROPERTIES AND PROCESS FOR THE PREPARATION THEREOF	DOW GLOBAL TECHNOLOGIES INC	07/15/2003	03016027.9	1384727	07/02/2008	1384727
WC005616-SF-EPA	Sweden	CELLULOSE DERIVATIVES HAVING GEL-LIKE RHEOLOGICAL PROPERTIES AND PROCESS FOR THE PREPARATION THEREOF	DOW GLOBAL TECHNOLOGIES INC	07/15/2003	03016027.9	1384727	07/02/2008	1384727
WC005616-TR-EPA	Turkey	CELLULOSE DERIVATIVES HAVING GEL-LIKE RHEOLOGICAL PROPERTIES AND PROCESS FOR THE PREPARATION THEREOF	DOW GLOBAL TECHNOLOGIES INC	07/15/2003	03016027.9	1384727	07/02/2008	TR200807267B

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Patent Number	Country	Title	Inventor	Filing Date	App. Number	Pub. Number	Pub. Date	Grant Number
WC005616-US-NP	United States Of America	CELLULOSE DERIVATIVES HAVING GEL-LIKE RHEOLOGICAL PROPERTIES AND PROCESS FOR THE PREPARATION THEREOF	DOW GLOBAL TECHNOLOGIES LLC	07/23/2003	10/626338	2004-127700	10/25/2005	6958393
WC005633-DE-OP	Germany	KLEISTERVERPACKUNG WALZCEL	DOW GLOBAL TECHNOLOGIES INC	04/28/2004	40307835.0		05/26/2004	40307835.0
WC005638-AU-PCT	Australia	METHOD FOR PREPARING OAT HUSKS FOR XYLAN PRODUCTION	DOW GLOBAL TECHNOLOGIES INC	07/18/2005	2005263595	2005263595	07/07/2011	2005263595
WC005638-DE-EPT	Germany	HUSKS FOR XYLAN PRODUCTION	DOW GLOBAL TECHNOLOGIES INC	07/18/2005	05774840.2	1769006	01/02/2008	502005002433.8
WC005638-FR-EPT	France	METHOD FOR PREPARING OAT HUSKS FOR XYLAN PRODUCTION	DOW GLOBAL TECHNOLOGIES INC	07/18/2005	05774840.2	1769006	01/02/2008	1769006
WC005638-GB-EPT	United Kingdom	METHOD FOR PREPARING OAT HUSKS FOR XYLAN PRODUCTION	DOW GLOBAL TECHNOLOGIES INC	07/18/2005	05774840.2	1769006	01/02/2008	1769006
WC005644-DE-EPA	Germany	PROCESS FOR PREPARING METHYHYDROXYALKYLCELLULOSE HAVING A SMALL AMOUNT OF COLORED PARTICLES	DOW GLOBAL TECHNOLOGIES LLC	09/07/2006	06076691.2	1764373	04/27/2016	502006014904.4
WC005644-FR-EPA	France	PROCESS FOR PREPARING METHYHYDROXYALKYLCELLULOSE HAVING A SMALL AMOUNT OF COLORED PARTICLES	DOW GLOBAL TECHNOLOGIES LLC	09/07/2006	06076691.2	1764373	04/27/2016	1764373
WC005644-GB-EPA	United Kingdom	PROCESS FOR PREPARING METHYHYDROXYALKYLCELLULOSE HAVING A SMALL AMOUNT OF COLORED PARTICLES	DOW GLOBAL TECHNOLOGIES LLC	09/07/2006	06076691.2	1764373	04/27/2016	1764373
WC005644-JP-NP	Japan	PROCESS FOR PREPARING METHYHYDROXYALKYLCELLULOSE HAVING A SMALL AMOUNT OF COLORED PARTICLES	DOW GLOBAL TECHNOLOGIES LLC	09/15/2006	2006-251014	2007-083231	10/14/2011	4839422
WC005644-US-NP	United States Of America	METHYHYDROXYALKYLCELLULOSE HAVING A SMALL AMOUNT OF COLORED PARTICLES	DOW GLOBAL TECHNOLOGIES LLC	09/15/2006	11/522218	2007-0210014	06/12/2012	8197699
WC005647-DE-NP	Germany	STARCH PHOSPHATES AND METHOD FOR THE PRODUCTION THEREOF	DOW GLOBAL TECHNOLOGIES INC	02/01/2005	102005004586.3		12/20/2007	102005004586

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DOC NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP NUMBER	PRI NUMBER	GRANT DATE	GRANT NUMBER
WC005648-DE-EPA	Germany	STARCH PHOSPHATES, METHOD FOR THE PRODUCTION THEREOF AND THEIR USE	DOW GLOBAL TECHNOLOGIES LLC	02/01/2006	06706561.5	1891117	11/16/2011	1891117
WC005648-DE-NP	Germany	STARCH PHOSPHATES, METHOD FOR THE PRODUCTION THEREOF AND THEIR USE STABLE HEMICELLULOSE PASTE, METHOD FOR PRODUCING SAID PASTE AND USE OF THE LATTER	DOW GLOBAL TECHNOLOGIES INC	02/01/2005	102005004600.2		08/31/2006	102005004600
WC005649-DE-NP	Germany	STABLE HEMICELLULOSE PASTE, METHOD FOR PRODUCING SAID PASTE AND USE OF THE LATTER	DOW GLOBAL TECHNOLOGIES INC	06/07/2005	102005026223	102005026223		
WC005649-EP-EPT	European Procedure (Patents)	PRODUCING SAID PASTE AND USE OF THE LATTER	DOW GLOBAL TECHNOLOGIES LLC	06/07/2006	06743120.5	1902069		
WC005652-BE-EPT	Belgium	CELLULOSE-ETHER COMPOSITION FOR EXTRUDING INORGANIC SHAPED BODIES	DOW GLOBAL TECHNOLOGIES LLC	06/20/2006	06743176.7	1896375	08/13/2014	1896375
WC005652-CN-PCT	China	CELLULOSE-ETHER COMPOSITION FOR EXTRUDING INORGANIC SHAPED BODIES	DOW GLOBAL TECHNOLOGIES INC	06/20/2006	200680022493.2	101248023	01/02/2013	200680022493.2
WC005652-FR-EPT	France	CELLULOSE-ETHER COMPOSITION FOR EXTRUDING INORGANIC SHAPED BODIES	DOW GLOBAL TECHNOLOGIES LLC	06/20/2006	06743176.7	1896375	08/13/2014	1896375
WC005652-JP-NP	Japan	CELLULOSE-ETHER COMPOSITION FOR EXTRUDING INORGANIC SHAPED BODIES	DOW GLOBAL TECHNOLOGIES LLC	08/04/2005	2005-227170	2007009165	03/06/2009	4273100
WC005652-KR-PCT	SOUTH KOREA	CELLULOSE-ETHER COMPOSITION FOR EXTRUDING INORGANIC SHAPED BODIES	DOW GLOBAL TECHNOLOGIES LLC	06/20/2006	10-2007-7030807		07/12/2013	10-1287731
WC005652-MX-PCT	Mexico	CELLULOSE-ETHER COMPOSITION FOR EXTRUDING INORGANIC SHAPED BODIES	DOW GLOBAL TECHNOLOGIES INC	06/20/2006	MX/a/07/016495	MX/a/07/016495	11/12/2009	271761
WC005652-NL-EPT	Netherlands	CELLULOSE-ETHER COMPOSITION FOR EXTRUDING INORGANIC SHAPED BODIES	DOW GLOBAL TECHNOLOGIES LLC	06/20/2006	06743176.7	1896375	08/13/2014	1896375

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Patent No.	Country	Title	Inventor	Filing Date	App. Number	Pub. Number	Pub. Date	Grant Number
WC005652-PL-EPT	Poland	CELLULOSE-ETHER COMPOSITION FOR EXTRUDING INORGANIC SHAPED BODIES	DOW GLOBAL TECHNOLOGIES LLC	06/20/2006	06743176.7	1896375	08/13/2014	1896375
WC005652-US-NP	United States Of America	CELLULOSE-ETHER COMPOSITION FOR EXTRUDING INORGANIC SHAPED BODIES	DOW GLOBAL TECHNOLOGIES LLC	06/27/2006	11/475406	2007-0004826	05/13/2008	7371279
WC061005-8E-EPT	Belgium	PURIFICATION OF MHAC BY INTERMEDIATE RESUSPENSION OF SOLIDS	DOW GLOBAL TECHNOLOGIES INC	04/18/2007	07724339.2	2061815	01/13/2010	2061815
WC061005-CN-PCT	China	PURIFICATION OF MHAC BY INTERMEDIATE RESUSPENSION OF SOLIDS	DOW GLOBAL TECHNOLOGIES INC	04/18/2007	200780032751.X	101547938	08/31/2011	200780032751.X
WC061005-DE-EPT	Germany	PURIFICATION OF MHAC BY INTERMEDIATE RESUSPENSION OF SOLIDS	DOW GLOBAL TECHNOLOGIES INC	04/18/2007	07724339.2	2061815	01/13/2010	502007002640.9-08
WC061005-IN-PCT	India	PURIFICATION OF MHAC BY INTERMEDIATE RESUSPENSION OF SOLIDS	DOW GLOBAL TECHNOLOGIES INC	04/18/2007	1339/CHE/MP/2009		06/24/2016	273732
WC061005-JP-PCT	Japan	PURIFICATION OF MHAC BY INTERMEDIATE RESUSPENSION OF SOLIDS	DOW GLOBAL TECHNOLOGIES LLC	04/18/2007	2009-527021	2010-502793	04/19/2013	5249222
WC061005-KR-PCT	SOUTH KOREA	PURIFICATION OF MHAC BY INTERMEDIATE RESUSPENSION OF SOLIDS	DOW GLOBAL TECHNOLOGIES LLC	04/18/2007	2009-7004759		10/23/2014	10-1456067
WC061005-MX-PCT	Mexico	PURIFICATION OF MHAC BY INTERMEDIATE RESUSPENSION OF SOLIDS	DOW GLOBAL TECHNOLOGIES INC	04/18/2007	MX/a/2009/002557		11/12/2010	280968
WC061005-NL-EPT	Netherlands	PURIFICATION OF MHAC BY INTERMEDIATE RESUSPENSION OF SOLIDS	DOW GLOBAL TECHNOLOGIES INC	04/18/2007	07724339.2	2061815	01/13/2010	2061815
WC061005-SE-EPT	Sweden	PURIFICATION OF MHAC BY INTERMEDIATE RESUSPENSION OF SOLIDS	DOW GLOBAL TECHNOLOGIES INC	04/18/2007	07724339.2	2061815	01/13/2010	2061815
WC061007-DE-EPT	Germany	PRODUCTION OF CELLULOSE NANOPARTICLES	TECHNOLOGIES LLC	11/29/2007	07856299.8	2167568	07/25/2012	602007024240.1
WC061007-FI-EPT	Finland	PRODUCTION OF CELLULOSE NANOPARTICLES	TECHNOLOGIES LLC	11/29/2007	07856299.8	2167568	07/25/2012	2167568
WC061007-FR-EPT	France	PRODUCTION OF CELLULOSE NANOPARTICLES	TECHNOLOGIES LLC	11/29/2007	07856299.8	2167568	07/25/2012	2167568
WC061007-GB-EPT	United Kingdom	PRODUCTION OF CELLULOSE NANOPARTICLES	TECHNOLOGIES LLC	11/29/2007	07856299.8	2167568	07/25/2012	2167568
WC061007-SE-EPT	Sweden	PRODUCTION OF CELLULOSE NANOPARTICLES	TECHNOLOGIES LLC	11/29/2007	07856299.8	2167568	07/25/2012	2167568

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Patent No.	Country	Title	Inventor	Priority Date	App. No.	Pub. No.	Pub. Date	Grant No.
WC061007-US-PCT	United States Of America	PRODUCTION OF CELLULOSE NANOPARTICLES Verfahren zur Darstellung von Cellulosenanopartikeln aus amorpher Cellulose	DOW GLOBAL TECHNOLOGIES LLC	11/29/2007	12/518155	2010-0272819	05/22/2012	8182839
WC061009-BE-EPA	Belgium	Cellulose Verfahren zur Darstellung von Cellulosenanopartikeln aus amorpher Cellulose	DOW GLOBAL TECHNOLOGIES LLC	08/10/2007	07015804.3	2022801	01/17/2018	2022801
WC061009-BR-PCT	Brazil	Cellulose Verfahren zur Darstellung von Cellulosenanopartikeln aus amorpher Cellulose	DOW GLOBAL TECHNOLOGIES INC	08/08/2008	P10812619.4			
WC061009-CN-PCT	China	Cellulose Verfahren zur Darstellung von Cellulosenanopartikeln aus amorpher Cellulose	DOW GLOBAL TECHNOLOGIES INC	08/08/2008	200880101789.2	101772515	01/09/2013	200880101789.2
WC061009-DE-EPA	Germany	Cellulose Verfahren zur Darstellung von Cellulosenanopartikeln aus amorpher Cellulose	DOW GLOBAL TECHNOLOGIES LLC	08/10/2007	07015804.3	2022801	01/17/2018	502007016022.9
WC061009-EP-EPA	European Procedure (Patents)	Cellulose Verfahren zur Darstellung von Cellulosenanopartikeln aus amorpher Cellulose	DOW GLOBAL TECHNOLOGIES LLC	08/10/2007	07015804.3	2022801	01/17/2018	2022801
WC061009-FR-EPA	France	Cellulose Verfahren zur Darstellung von Cellulosenanopartikeln aus amorpher Cellulose	DOW GLOBAL TECHNOLOGIES LLC	08/10/2007	07015804.3	2022801	01/17/2018	2022801
WC061009-GB-EPA	United Kingdom	Cellulose Verfahren zur Darstellung von Cellulosenanopartikeln aus amorpher Cellulose	DOW GLOBAL TECHNOLOGIES LLC	08/10/2007	07015804.3	2022801	01/17/2018	2022801
WC061009-JP-PCT	Japan	Cellulose Verfahren zur Darstellung von Cellulosenanopartikeln aus amorpher Cellulose	DOW GLOBAL TECHNOLOGIES LLC	08/08/2008	2010-519385	2010-535868	11/06/2015	5833310
WC061009-NL-EPA	Netherlands	Cellulose Verfahren zur Darstellung von Cellulosenanopartikeln aus amorpher Cellulose	DOW GLOBAL TECHNOLOGIES LLC	08/10/2007	07015804.3	2022801	01/17/2018	2022801
WC061009-SE-EPA	Sweden	Cellulose Verfahren zur Darstellung von Cellulosenanopartikeln aus amorpher Cellulose	DOW GLOBAL TECHNOLOGIES LLC	08/10/2007	07015804.3	2022801	01/17/2018	2022801
WC061009-US-PCT	United States Of America	AMORPHOUS CELLULOSE DOUBLE-CONE MIXER WITH BAFLEES	TECHNOLOGIES LLC	08/08/2008	12/672824	2011-0293732	05/13/2014	8722092
WC061010-BE-EPA	Belgium	DOUBLE-CONE MIXER WITH BAFLEES DOUBLE-CONE MIXER WITH BAFLEES	TECHNOLOGIES INC	06/27/2006	06013181.0	1872848	09/23/2009	1872848
WC061010-DE-EPA	Germany	BAFLEES DOUBLE-CONE MIXER WITH BAFLEES	TECHNOLOGIES INC	06/27/2006	06013181.0	1872848	09/23/2009	1872848
WC061010-JP-NP	Japan	DOUBLE-CONE MIXER WITH BAFLEES DOUBLE-CONE MIXER WITH BAFLEES	TECHNOLOGIES LLC	06/26/2007	2007-167348		06/29/2012	5026164
WC061010-KR-NP	SOUTH KOREA	BAFLEES DOUBLE-CONE MIXER WITH BAFLEES	TECHNOLOGIES LLC	06/26/2007	10-2007-62862		01/17/2014	10-1355250
WC061010-NL-EPA	Netherlands	BAFLEES DOUBLE-CONE MIXER WITH BAFLEES	TECHNOLOGIES INC	06/27/2006	06013181.0	1872848	09/23/2009	1872848
WC061010-SE-EPA	Sweden	BAFLEES DOUBLE-CONE MIXER WITH BAFLEES	TECHNOLOGIES INC	06/27/2006	06013181.0	1872848	09/23/2009	1872848

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Patent No.	Country	Title	Inventor	Filing Date	App. Number	Pub. Number	Pub. Date	Grant Number
WC061011-BE-EPT	Belgium	METHYL HYDROXY PROPYL CELLULOSE (MHPC) FOR MINERAL BOUND BUILDING SYSTEMS	DOW GLOBAL TECHNOLOGIES LLC	03/15/2008	08716568.4	2134752	04/19/2017	2134752
WC061011-CN-PCT	China	METHYL HYDROXY PROPYL CELLULOSE (MHPC) FOR MINERAL BOUND BUILDING SYSTEMS	DOW GLOBAL TECHNOLOGIES INC	03/15/2008	200880011235.3	101652391	02/23/2012	200880011235.3
WC061011-DE-EPT	Germany	METHYL HYDROXY PROPYL CELLULOSE (MHPC) FOR MINERAL BOUND BUILDING SYSTEMS	DOW GLOBAL TECHNOLOGIES LLC	03/15/2008	08716568.4	2134752	04/19/2017	602008049824.7
WC061011-EP-EPT	European Procedure (Patents)	MINERAL BOUND BUILDING SYSTEMS	DOW GLOBAL TECHNOLOGIES LLC	03/15/2008	08716568.4	2134752	04/19/2017	2134752
WC061011-FR-EPT	France	METHYL HYDROXY PROPYL CELLULOSE (MHPC) FOR MINERAL BOUND BUILDING SYSTEMS	DOW GLOBAL TECHNOLOGIES LLC	03/15/2008	08716568.4	2134752	04/19/2017	2134752
WC061011-GB-EPT	United Kingdom	MINERAL BOUND BUILDING SYSTEMS	DOW GLOBAL TECHNOLOGIES LLC	03/15/2008	08716568.4	2134752	04/19/2017	2134752
WC061011-IN-PCT	India	METHYL HYDROXY PROPYL CELLULOSE (MHPC) FOR MINERAL BOUND BUILDING SYSTEMS	DOW GLOBAL TECHNOLOGIES LLC	03/15/2008	5831/CHE/MP/2009		04/11/2017	282435
WC061011-JP-PCT	Japan	CELLULOSE (MHPC) FOR MINERAL BOUND BUILDING SYSTEMS	DOW GLOBAL TECHNOLOGIES LLC	03/15/2008	2010-501399	2010-523741	12/20/2013	5437990
WC061011-KR-PCT	SOUTH KOREA	METHYL HYDROXY PROPYL CELLULOSE (MHPC) FOR MINERAL BOUND BUILDING MATERIAL SYSTEMS	DOW GLOBAL TECHNOLOGIES INC	03/15/2008	2009-7020802	2010-00015385	01/21/2015	10-1486739
WC061011-MX-PCT	Mexico	CELLULOSE (MHPC) FOR MINERAL BOUND BUILDING SYSTEMS	DOW GLOBAL TECHNOLOGIES INC	03/15/2008	MX/a/2009/010695	MX/a/2009/010695		
WC061011-NL-EPT	Netherlands	METHYL HYDROXY PROPYL CELLULOSE (MHPC) FOR MINERAL BOUND BUILDING SYSTEMS	DOW GLOBAL TECHNOLOGIES LLC	03/15/2008	08716568.4	2134752	04/19/2017	2134752

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PATENT NUMBER	CO-PATENT	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
WC061011-SE-EPT	Sweden	METHYL HYDROXY PROPYL CELLULOSE (MHPC) FOR MINERAL BOUND BUILDING SYSTEMS	DOW GLOBAL TECHNOLOGIES LLC	03/15/2008	08716568.4	2134752	04/19/2017	2134752
WC061016-BR-PCT	Brazil	PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT	DOW GLOBAL TECHNOLOGIES INC	03/31/2008	P10809066.1		07/10/2018	P10809066.1
WC061016-CN-PCT	China	PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT	DOW GLOBAL TECHNOLOGIES INC	03/31/2008	200880010913.4		04/18/2012	200880010913.4
WC061016-DE-EPT	Germany	PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT	DOW GLOBAL TECHNOLOGIES LLC	03/31/2008	08734894.2	2144936	08/17/2016	602008045714.1
WC061016-IT-EPT	Italy	PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT	DOW GLOBAL TECHNOLOGIES LLC	03/31/2008	08734894.2	2144936	08/17/2016	502016000109714
WC061016-TR-EPT	Turkey	PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT	DOW GLOBAL TECHNOLOGIES LLC	03/31/2008	08734894.2	2144936	08/17/2016	2144936
WC061016-TW-NP	Taiwan	PROCESS FOR PRODUCING NITROCELLULOSE SOLUTIONS WITH A SMALL WATER CONTENT	DOW GLOBAL TECHNOLOGIES LLC	04/03/2008	97112138	200906859	06/01/2014	1439469
WC061016-US-PCT	United States Of America	PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT	DOW GLOBAL TECHNOLOGIES LLC	03/31/2008	12/594996	2010-0126382	03/05/2013	8388748
WC061017-BE-EPT	Belgium	CELLULOSE ETHER ADDITIVES FOR THE EXTRUSION OF CERAMIC MASSES	DOW GLOBAL TECHNOLOGIES LLC	11/27/2007	07846835.2	2125664	01/27/2016	2125664
WC061017-CH-EPT	Switzerland	CELLULOSE ETHER ADDITIVE FOR DIE EXTRUSION KERAMISCHER MASSEN	DOW GLOBAL TECHNOLOGIES LLC	11/27/2007	07846835.2	2125664	01/27/2016	2125664

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DOCKET NUMBER	CO-PATENT	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT NUMBER
WC061017-CN-PCT	China	CELLULOSE ETHER ADDITIVES FOR THE EXTRUSION OF CERAMIC MASSES	DOW GLOBAL TECHNOLOGIES INC	11/27/2007	200780047837.X		200780047837.X
WC061017-DE-EPT	Germany	CELLULOSE ETHER ADDITIVES FOR THE EXTRUSION OF CERAMIC MASSES	DOW GLOBAL TECHNOLOGIES LLC	11/27/2007	07846835.2	2125664	602007044722.4
WC061017-HU-EPT	Hungary	CELLULOSE ETHER ADDITIVES FOR THE EXTRUSION OF CERAMIC MASSES	DOW GLOBAL TECHNOLOGIES LLC	11/27/2007	07846835.2	2125664	2125664
WC061017-JP-PCT	Japan	CELLULOSE ETHER ADDITIVES FOR THE EXTRUSION OF CERAMIC MASSES	DOW GLOBAL TECHNOLOGIES LLC	11/27/2007	2009-541804	2010-513195	08/23/2013 5345946
WC061017-KR-PCT	SOUTH KOREA	CELLULOSE ETHER ADDITIVES FOR THE EXTRUSION OF CERAMIC MASSES	DOW GLOBAL TECHNOLOGIES LLC	11/27/2007	2009-7015488		08/08/2014 10-1430418
WC061017-MX-PCT	Mexico	CELLULOSE ETHER ADDITIVES FOR THE EXTRUSION OF CERAMIC MASSES	DOW GLOBAL TECHNOLOGIES LLC	11/27/2007	MX/a/2009/006734		
WC061017-NL-EPT	Netherlands	CELLULOSE ETHER ADDITIVES FOR THE EXTRUSION OF CERAMIC MASSES	DOW GLOBAL TECHNOLOGIES LLC	11/27/2007	07846835.2	2125664	01/27/2016 2125664
WC061017-PL-EPT	Poland	CELLULOSE ETHER ADDITIVES FOR THE EXTRUSION OF CERAMIC MASSES	DOW GLOBAL TECHNOLOGIES LLC	11/27/2007	07846835.2	2125664	01/27/2016 2125664
WC061017-US-PCD	United States Of America	CELLULOSE ETHER ADDITIVES FOR THE EXTRUSION OF CERAMIC MASSES	DOW GLOBAL TECHNOLOGIES LLC	11/29/2012	13/688660	2013-0090235	01/07/2014 8623128
WC061017-US-PCT	United States Of America	CELLULOSE ETHER ADDITIVES FOR THE EXTRUSION OF CERAMIC MASSES	DOW GLOBAL TECHNOLOGIES LLC	11/27/2007	12/520590	2010-0144522	01/15/2013 8354055
WC061018A-EP-EPT	European Procedure (Patents)	ADDITIVE FUER DIE KERAMISCHE EXTRUSION	DOW GLOBAL TECHNOLOGIES LLC	11/27/2007	07846832.9	2125666	
WC061018A-IN-PCT	India	ADDITIVE FUER DIE KERAMISCHE EXTRUSION	DOW GLOBAL TECHNOLOGIES LLC	11/27/2007	3590/CHE/NP/2009		12/06/2017 290331

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PATENT NUMBER	IPC CLASS	INVENTOR	PENDING DATE	APP. NUMBER	PRI. NUMBER	GRANT NUMBER		
WC061018A-JP-PCT	Japan	CELLULOSE/ETHERAL/TIGE ADDITIVE FUER DIE KERAMISCHE EXTRUSION	DOW GLOBAL TECHNOLOGIES LLC	11/27/2007	2009-541803	2010-513073	12/27/2013	5443166
WC061018A-KR-PCT	SOUTH KOREA	ADDEIVES COMPRISIN CELLULOSE ETHERS FOR CERAMICS EXTRUSION	DOW GLOBAL TECHNOLOGIES LLC	11/27/2007	2009-7015489		08/07/2014	10-1429927
WC071004-BE-EPA	Belgium	NANOPARTICLES OF SLIGHTLY OXIDIZED CELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	08/10/2007	07015803.5	2022802	03/22/2017	2022802
WC071004-BR-PCT	Brazil	NANOPARTICLES OF SLIGHTLY OXIDIZED CELLULOSE	DOW GLOBAL TECHNOLOGIES INC	08/08/2008	PI0812621.6			
WC071004-CN-PCT	China	NANOPARTICLES OF SLIGHTLY OXIDIZED CELLULOSE	DOW GLOBAL TECHNOLOGIES INC	08/08/2008	200880101817.0		06/27/2012	200880101817.0
WC071004-DE-EPA	Germany	NANOPARTICLES OF SLIGHTLY OXIDIZED CELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	08/10/2007	07015803.5	2022802	03/22/2017	502007015524.1
WC071004-FR-EPA	France	NANOPARTICLES OF SLIGHTLY OXIDIZED CELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	08/10/2007	07015803.5	2022802	03/22/2017	2022802
WC071004-GB-EPA	United Kingdom	NANOPARTICLES OF SLIGHTLY OXIDIZED CELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	08/10/2007	07015803.5	2022802	03/22/2017	2022802
WC071004-NL-EPA	Netherlands	NANOPARTICLES OF SLIGHTLY OXIDIZED CELLULOSE	DOW GLOBAL TECHNOLOGIES LLC	08/10/2007	07015803.5	2022802	03/22/2017	2022802
WC071004-US-PCT	United States Of America	NANOPARTICLES OF SLIGHTLY OXIDISED CELLULOSE PROCESS FOR IMPROVED PRODUCTION OF ALKALI CELLULOSE AND CELLULOSE DERIVATIVES	DOW GLOBAL TECHNOLOGIES LLC	08/08/2008	12/672799	2011-0198533	12/25/2012	8338494
WC071011-BE-EPT	Belgium	PROCESS FOR IMPROVED PRODUCTION OF ALKALI CELLULOSE AND CELLULOSE DERIVATIVES	DOW GLOBAL TECHNOLOGIES LLC	01/08/2010	10701267.6	2403881	10/11/2017	2403881
WC071011-BR-PCT	Brazil	PROCESS FOR IMPROVED PRODUCTION OF ALKALI CELLULOSE AND CELLULOSE DERIVATIVES	DOW GLOBAL TECHNOLOGIES LLC	01/08/2010	PI1006378.1			
WC071011-CN-PCT	China	PROCESS FOR IMPROVED PRODUCTION OF ALKALI CELLULOSE AND CELLULOSE DERIVATIVES	DOW GLOBAL TECHNOLOGIES LLC	01/08/2010	201080006706.9	102307906	03/12/2014	201080006706.9
WC071011-DE-EPT	Germany	PROCESS FOR IMPROVED PRODUCTION OF ALKALI CELLULOSE AND CELLULOSE DERIVATIVES	DOW GLOBAL TECHNOLOGIES LLC	01/08/2010	10701267.6	2403881	10/11/2017	602010045870.9

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PATENT NUMBER	CO-PATENT	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
		PROCESS FOR IMPROVED PRODUCTION OF ALKALI CELLULOSE AND CELLULOSE DERIVATIVES	DOW GLOBAL TECHNOLOGIES LLC	01/08/2010	10701267.6	2403881	10/11/2017	2403881
WC071011-EP-EPT	European Procedure (Patents)	PROCESS FOR IMPROVED PRODUCTION OF ALKALI CELLULOSE AND CELLULOSE DERIVATIVES	DOW GLOBAL TECHNOLOGIES LLC	01/08/2010	6343/CHE/NP/2011	6343/CHE/NP/2011	09/21/2017	287599
WC071011-IN-PCT	India	PROCESS FOR IMPROVED PRODUCTION OF ALKALI CELLULOSE AND CELLULOSE DERIVATIVES	DOW GLOBAL TECHNOLOGIES LLC	01/08/2010	6343/CHE/NP/2011	6343/CHE/NP/2011	09/21/2017	287599
WC071011-JP-PCT	Japan	PROCESS FOR IMPROVED PRODUCTION OF ALKALI CELLULOSE AND CELLULOSE DERIVATIVES	DOW GLOBAL TECHNOLOGIES LLC	01/08/2010	2011-552953	2012-519746	03/06/2015	5706344
WC071011-KR-PCT	SOUTH KOREA	PROCESS FOR IMPROVED PRODUCTION OF ALKALI CELLULOSE AND CELLULOSE DERIVATIVES	DOW GLOBAL TECHNOLOGIES LLC	01/08/2010	2011-7021981		12/21/2016	10-1690997
WC071011-NL-EPT	Netherlands	CELLULOSE AND CELLULOSE DERIVATIVES	DOW GLOBAL TECHNOLOGIES LLC	01/08/2010	10701267.6	2403881	10/11/2017	2403881
WC071011-US-PCT	United States Of America	PROCESS FOR IMPROVED PRODUCTION OF ALKALI CELLULOSE AND CELLULOSE DERIVATIVES	DOW GLOBAL TECHNOLOGIES LLC	01/08/2010	13/144948	2012-0041187	03/31/2015	8993747
42916-AU-PCT	Australia	COMPOSITE MEMBRANE WITH POLY ALKYLENE OXIDE MODIFIED POLYAMIDE SURFACE	DOW GLOBAL TECHNOLOGIES INC	05/23/2000	50412/00	774426	10/07/2004	774426
42916-CA-PCT	Canada	COMPOSITE MEMBRANE WITH POLY ALKYLENE OXIDE MODIFIED POLYAMIDE SURFACE	DOW GLOBAL TECHNOLOGIES INC	05/23/2000	2374817		02/19/2008	2374817
42916-CN-PCT	China	COMPOSITE MEMBRANE WITH POLY ALKYLENE OXIDE MODIFIED POLYAMIDE SURFACE	DOW GLOBAL TECHNOLOGIES INC	05/23/2000	00808461.0	1353626	12/22/2004	00808461.0
42916-DE-EPT	Germany	COMPOSITE MEMBRANE WITH POLY ALKYLENE OXIDE MODIFIED POLYAMIDE SURFACE	DOW GLOBAL TECHNOLOGIES INC	05/23/2000	00932730.5	1200178	11/12/2008	60040791.8
42916-ES-EPT	Spain	COMPOSITE MEMBRANE WITH POLY ALKYLENE OXIDE MODIFIED POLYAMIDE SURFACE	DOW GLOBAL TECHNOLOGIES INC	05/23/2000	00932730.5	1200178	11/12/2008	2312343

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Patent Number	Country	Title	Inventor	Filing Date	App. Number	Pub. Number	Pub. Date	Grant Number
42916-GB-EPT	United Kingdom	COMPOSITE MEMBRANE WITH POLYALKYLENE OXIDE MODIFIED POLYAMIDE SURFACE	DOW GLOBAL	05/23/2000	00932730.5	1200178	11/12/2008	1200178
42916-KR-PCT	SOUTH KOREA	COMPOSITE MEMBRANE WITH POLYALKYLENE OXIDE MODIFIED POLYAMIDE SURFACE	DOW GLOBAL	05/23/2000	10-2001-7015755	10-2002-0012262	08/24/2006	0618454
44207-US-NP	United States Of America	COMPOSITE MEMBRANE AND METHOD FOR MAKING THE SAME	DOW GLOBAL	04/17/2000	09/550527		01/08/2002	6337018
44207A-AU-PCT	Australia	COMPOSITE MEMBRANE AND METHOD FOR MAKING THE SAME	DOW GLOBAL	04/09/2001	2001255246	676791	05/26/2005	2001255246
44207A-CN-PCT	China	COMPOSITE MEMBRANE AND METHOD FOR MAKING THE SAME	DOW GLOBAL	04/09/2001	01808064.2	1441693	07/13/2005	01808064.2
44207A-DE-EPT	Germany	COMPOSITE MEMBRANE AND METHOD FOR MAKING THE SAME	DOW GLOBAL	04/09/2001	01928384.5	1276551	08/19/2009	60139615.4
44207A-ES-EPT	Spain	COMPOSITE MEMBRANE AND METHOD FOR MAKING THE SAME	DOW GLOBAL	04/09/2001	01928384.5	1276551	08/19/2009	2328449
44207A-FR-EPT	France	COMPOSITE MEMBRANE AND METHOD FOR MAKING THE SAME	DOW GLOBAL	04/09/2001	01928384.5	1276551	08/19/2009	1276551
44207A-GB-EPT	United Kingdom	COMPOSITE MEMBRANE AND METHOD FOR MAKING THE SAME	DOW GLOBAL	04/09/2001	01928384.5	1276551	08/19/2009	1276551
44207A-IN-PCT	India	COMPOSITE MEMBRANE AND METHOD FOR MAKING THE SAME	DOW GLOBAL	04/09/2001	PCT/02/1658/CHE		11/09/2007	211726
44207A-JP-PCT	Japan	COMPOSITE MEMBRANE AND METHOD FOR MAKING THE SAME	DOW GLOBAL	04/09/2001	2001-576176		02/24/2012	4932120
44207A-KR-PCT	SOUTH KOREA	COMPOSITE MEMBRANE AND METHOD FOR MAKING THE SAME	DOW GLOBAL	04/09/2001	2002-7013894		06/13/2008	839805
44207A-US-CIP[1]	United States Of America	COMPOSITE MEMBRANE AND METHOD FOR MAKING THE SAME	DOW GLOBAL	04/09/2001	09/829024	2001-0050252	05/13/2003	6562266
44207B-US-CNT[1]	United States Of America	COMPOSITE MEMBRANE AND METHOD FOR MAKING THE SAME	DOW GLOBAL	11/02/2001	10/005455	0113008	04/20/2004	6723241
44207C-US-DIV[1]	United States Of America	COMPOSITE MEMBRANE AND METHOD FOR MAKING THE SAME	DOW GLOBAL	11/13/2002	10/294440	2003-0116498	04/12/2005	6878278

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PATENT NUMBER	INVENTOR	TITLE	OWNER	PENDING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
44463A-CN-PCT	China	MODIFIED MEMBRANE	DOW GLOBAL TECHNOLOGIES LLC	04/12/2007	200780020725.5	101460237	09/04/2013	200780020725.5
44463A-JP-PCT	Japan	MODIFIED MEMBRANE	DOW GLOBAL TECHNOLOGIES INC	04/12/2007	2009-509582	2009-536874	10/07/2011	4838352
44463A-KR-PCT	SOUTH KOREA	MODIFIED MEMBRANE	DOW GLOBAL TECHNOLOGIES LLC	04/12/2007	2008-7030453		01/27/2014	10-1360751
44463A-US-PCT	United States Of America	MODIFIED MEMBRANE	DOW GLOBAL TECHNOLOGIES LLC	04/12/2007	12/299849	2009-0159527	02/08/2011	7882963
61078-BR-PCT	Brazil	SEPARATION MEMBRANE END	DOW GLOBAL TECHNOLOGIES INC	07/03/2002	P10211851.3	P10211851.3	07/26/2011	P10211851.3
61078-CN-PCT	China	SEPARATION MEMBRANE END	DOW GLOBAL TECHNOLOGIES INC	07/03/2002	02815217.4	1538871	08/05/2009	02815217.4
61078-DE-EPT	Germany	SEPARATION MEMBRANE END	DOW GLOBAL TECHNOLOGIES INC	07/03/2002	02746878.4	1414554	12/10/2008	60230283.8
61078-ES-EPT	Spain	SEPARATION MEMBRANE END	DOW GLOBAL TECHNOLOGIES INC	07/03/2002	02746878.4	1414554	12/10/2008	2318024
61078-FR-EPT	France	SEPARATION MEMBRANE END	DOW GLOBAL TECHNOLOGIES INC	07/03/2002	02746878.4	1414554	12/10/2008	1414554
61078-GB-EPT	United Kingdom	SEPARATION MEMBRANE END	DOW GLOBAL TECHNOLOGIES INC	07/03/2002	02746878.4	1414554	12/10/2008	1414554
61078-IL-PCT	Israel	SEPARATION MEMBRANE END	DOW GLOBAL TECHNOLOGIES INC	07/03/2002	160129		11/20/2007	160129
61078-JP-PCT	Japan	SEPARATION MEMBRANE END	DOW GLOBAL TECHNOLOGIES INC	07/03/2002	2003-516667	2004-536703	05/09/2008	4121456
61078-KR-PCT	SOUTH KOREA	SEPARATION MEMBRANE END	DOW GLOBAL TECHNOLOGIES INC	07/03/2002	10-2004-7001520		07/16/2009	10-0908992
61078-US-NP	United States Of America	SEPARATION MEMBRANE END	DOW GLOBAL TECHNOLOGIES LLC	08/01/2001	09/920488	2003-0024868	10/14/2003	6632356
61906-US-NP	United States Of America	IMPROVED MEANS FOR STORAGE OF FILTRATION ELEMENTS	DOW GLOBAL TECHNOLOGIES LLC	10/05/2001	09/972650	2003-0098272	01/02/2007	7156997
61906A-BR-PCT	Brazil	IMPROVED MEANS FOR STORAGE OF FILTRATION ELEMENTS	DOW GLOBAL TECHNOLOGIES INC	08/27/2002	P10213614.7		02/08/2011	P10213614.7
61906A-GB-PCT	United Kingdom	IMPROVED MEANS FOR STORAGE OF FILTRATION ELEMENTS	DOW GLOBAL TECHNOLOGIES INC	08/26/2002	0406499.4	2395674	03/30/2005	2395674
61906A-JP-PCT	Japan	IMPROVED MEANS FOR STORAGE OF FILTRATION ELEMENTS	DOW GLOBAL TECHNOLOGIES LLC	08/26/2002	2003-541607	2005-508275	10/26/2007	4032025
63549A-AU-DIV	Australia	APPARATUS FOR TREATING SOLUTIONS OF HIGH OSMOTIC STRENGTH	DOW GLOBAL TECHNOLOGIES LLC	10/06/2009	2009222610		05/12/2011	2009222610
63549A-AU-PCT	Australia	APPARATUS FOR TREATING SOLUTIONS OF HIGH OSMOTIC STRENGTH	DOW GLOBAL TECHNOLOGIES INC	02/25/2005	2005216977	2005216977	11/26/2009	2005216977

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63549A-CN-PCT	CHINA	APPARATUS FOR TREATING SOLUTIONS OF HIGH OSMOTIC STRENGTH	DOW GLOBAL TECHNOLOGIES INC	02/25/2005	200580005995.X	12/09/2009	200580005995.X
63549A-CN-PCT	China	APPARATUS FOR TREATING SOLUTIONS OF HIGH OSMOTIC STRENGTH	DOW GLOBAL TECHNOLOGIES INC	02/25/2005	200580005995.X	12/09/2009	200580005995.X
63549A-ES-EPT	Spain	APPARATUS FOR TREATING SOLUTIONS OF HIGH OSMOTIC STRENGTH	DOW GLOBAL TECHNOLOGIES LLC	02/25/2005	05723898.2	12/26/2012	1720639
63549A-IL-PCT	Israel	SOLUTIONS OF HIGH OSMOTIC STRENGTH	DOW GLOBAL TECHNOLOGIES INC	02/25/2005	177557	11/01/2011	177557
63549A-IN-PCT	India	APPARATUS FOR TREATING SOLUTIONS OF HIGH OSMOTIC STRENGTH	DOW GLOBAL TECHNOLOGIES LLC	02/25/2005	3091/CHE:NP/2006	01/18/2011	245411
63549A-IT-EPT	Italy	SOLUTIONS OF HIGH OSMOTIC STRENGTH	DOW GLOBAL TECHNOLOGIES LLC	02/25/2005	05723898.2	12/26/2012	1720639
63885A-DE-EPT	Germany	METHOD FOR STABILIZING A CATION EXCHANGE RESIN PRIOR TO USE AS AN ACID CATALYST AND USE OF SAID EXCHANGE RESIN IN A	DOW GLOBAL TECHNOLOGIES LLC	01/24/2006	06719227.8	1843848	602006036406.7
63885A-ES-EPT	Spain	METHOD FOR STABILIZING A CATION EXCHANGE RESIN PRIOR TO USE AS AN ACID CATALYST AND USE OF SAID EXCHANGE RESIN IN A	DOW GLOBAL TECHNOLOGIES LLC	01/24/2006	06719227.8	1843848	1843848
63885A-IN-PCT	India	CHEMICAL PROCESS	DOW GLOBAL TECHNOLOGIES LLC	01/24/2006	3312/CHE:NP/2007	12/23/2014	264363
63885A-JP-PCD	Japan	METHOD FOR STABILIZING A CATION EXCHANGE RESIN PRIOR TO USE AS AN ACID CATALYST AND USE OF SAID EXCHANGE RESIN IN A	DOW GLOBAL TECHNOLOGIES LLC	02/08/2013	2013-023492	2013-136604	07/24/2015
							5782056

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
63885A-JP-PCT	Japan	METHOD FOR STABILIZING A CATION EXCHANGE RESIN PRIOR TO USE AS AN ACID CATALYST AND USE OF SAID STABILIZED CATION EXCHANGE RESIN IN A CHEMICAL PROCESS	DOW GLOBAL TECHNOLOGIES LLC	01/24/2006	2007-553155	2008-528276		
63885A-TW-NP	Taiwan	METHOD FOR STABILIZING A CATION EXCHANGE RESIN PRIOR TO USE AS AN ACID CATALYST AND USE OF SAID STABILIZED CATION EXCHANGE RESIN IN A CHEMICAL PROCESS	DOW GLOBAL TECHNOLOGIES LLC	01/27/2006	95103509		06/11/2013	I398300
63948A-CN-PCT	China	METHOD FOR STABILIZING A CATION EXCHANGE RESIN PRIOR TO USE AS AN ACID CATALYST AND USE OF SAID STABILIZED CATION EXCHANGE RESIN IN A CHEMICAL PROCESS	DOW GLOBAL TECHNOLOGIES INC	07/29/2005	200580028111.2	101018598	06/03/2009	200580028111.2
63948A-ES-ETD	Spain	METHOD FOR TESTING SEPARATION MODULES	DOW GLOBAL TECHNOLOGIES LLC	07/29/2005	05777606.4	179391.5	11/02/2011	179391.5
63948A-ES-ETD	Spain	METHOD FOR TESTING SEPARATION MODULES	DOW GLOBAL TECHNOLOGIES LLC	01/07/2011	11150429.6	2319612	06/06/2012	2319612
63948A-FR-EPT	France	METHOD FOR TESTING SEPARATION MODULES	DOW GLOBAL TECHNOLOGIES LLC	07/29/2005	05777606.4	179391.5	11/02/2011	179391.5
63948A-FR-EPT	France	METHOD FOR TESTING SEPARATION MODULES	DOW GLOBAL TECHNOLOGIES LLC	01/07/2011	11150429.6	2319612	06/06/2012	2319612
63948A-GB-EPT	United Kingdom	METHOD FOR TESTING SEPARATION MODULES	DOW GLOBAL TECHNOLOGIES LLC	07/29/2005	05777606.4	179391.5	11/02/2011	179391.5
63948A-GB-ETD	United Kingdom	METHOD FOR TESTING SEPARATION MODULES	DOW GLOBAL TECHNOLOGIES LLC	01/07/2011	11150429.6	2319612	06/06/2012	2319612
63948A-JP-PCT	Japan	METHOD FOR TESTING SEPARATION MODULES	DOW GLOBAL TECHNOLOGIES LLC	07/29/2005	2007-529880	2008-511437	10/05/2012	5101284
63948A-KR-PCT	SOUTH KOREA	METHOD FOR TESTING SEPARATION MODULES	DOW GLOBAL TECHNOLOGIES LLC	07/29/2005	2007-7005043		08/23/2013	10-1301457
63948A-US-DIV	United States Of America	IMPROVED METHOD FOR TESTING SEPARATION MODULES	DOW GLOBAL TECHNOLOGIES LLC	02/18/2010	12707705	2010-0148752	09/25/2012	8272251
63948A-US-PCT	United States Of America	METHOD FOR TESTING SEPARATION MODULES	DOW GLOBAL TECHNOLOGIES LLC	02/13/2007	11/660222	2008-0105038	04/20/2010	7698928
64642A-CN-PCT	China	INSERTION-POINT SEAL FOR SPIRAL WOUND MODULE	DOW GLOBAL TECHNOLOGIES LLC	12/06/2006	200680045774.X	101321577	10/17/2012	200680045774.X

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PATENT NUMBER	COUNTRY	TITLE	OWNER	PENDING DATE	APP. NUMBER	PRI. NUMBER	GRANT NUMBER
64642A-JP-PCT	Japan	INSERTION-POINT SEAL FOR SPIRAL WOUND MODULE	DOW GLOBAL TECHNOLOGIES LLC	12/06/2006	2008-544541	2009-518181	09/07/2012 5080488
64642A-KR-PCT	SOUTH KOREA	INSERTION-POINT SEAL FOR SPIRAL WOUND MODULE	DOW GLOBAL TECHNOLOGIES LLC	12/06/2006	10-2008-7013763	10-2008-74165	05/09/2014 10-1395978
64642A-US-CNT	United States Of America	INSERTION-POINT SEAL FOR SPIRAL WOUND MODULE	DOW GLOBAL TECHNOLOGIES LLC	04/04/2011	13/079048	2011-0174429	03/27/2012 8142657
64642A-US-PCT	United States Of America	INSERTION-POINT SEAL FOR SPIRAL WOUND MODULE	DOW GLOBAL TECHNOLOGIES LLC	12/06/2006	12/095527	2011-0049043	05/31/2011 7951295
64956A-CN-PCT	China	MODIFIED POLYAMIDE MEMBRANE	DOW GLOBAL TECHNOLOGIES INC	01/31/2008	200880004047.8	101605592	10/12/2011 200880004047.8
64956A-DE-EPT	Germany	MODIFIED POLYAMIDE MEMBRANE	DOW GLOBAL TECHNOLOGIES INC	01/31/2008	08728624.1	2117688	07/13/2011 602008008239.3
64956A-ES-EPT	Spain	MODIFIED POLYAMIDE MEMBRANE	DOW GLOBAL TECHNOLOGIES INC	01/31/2008	08728624.1	2117688	07/13/2011 2117688
64956A-FR-EPT	France	MODIFIED POLYAMIDE MEMBRANE	DOW GLOBAL TECHNOLOGIES INC	01/31/2008	08728624.1	2117688	07/13/2011 2117688
64956A-GB-EPT	United Kingdom	MODIFIED POLYAMIDE MEMBRANE	DOW GLOBAL TECHNOLOGIES INC	01/31/2008	08728624.1	2117688	07/13/2011 2117688
64956A-IT-EPT	Italy	MODIFIED POLYAMIDE MEMBRANE	DOW GLOBAL TECHNOLOGIES INC	01/31/2008	08728624.1	2117688	07/13/2011 2117688
64956A-JP-PCT	Japan	MODIFIED POLYAMIDE MEMBRANE	DOW GLOBAL TECHNOLOGIES LLC	01/31/2008	2009-549176	2010-517762	02/10/2012 4921565
64956A-KR-PCT	SOUTH KOREA	MODIFIED POLYAMIDE MEMBRANE	DOW GLOBAL TECHNOLOGIES LLC	01/31/2008	2009-7016310	2010-517762	05/08/2014 10-1395366
64956B-US-CNT	United States Of America	MODIFIED POLYAMIDE MEMBRANE	DOW GLOBAL TECHNOLOGIES LLC	01/31/2011	13/017646	2010-517762	08/23/2011 8002120
64956B-US-NP	United States Of America	MODIFIED POLYAMIDE MEMBRANE	DOW GLOBAL TECHNOLOGIES LLC	01/31/2008	12/023082	2008-0185332	03/15/2011 7905361
65033-US-NP	United States Of America	CHLOROMETHYLATION OF VINYL AROMATIC POLYMERS	DOW GLOBAL TECHNOLOGIES LLC	05/23/2007	11/805475	2008-0289949	04/24/2012 8163138
65033A-CN-PCT	China	CHLOROMETHYLATION OF VINYL AROMATIC POLYMERS	DOW GLOBAL TECHNOLOGIES INC	04/03/2008	200880000343.0	101541842	10/12/2011 200880000343.0
65033A-DE-EPT	Germany	CHLOROMETHYLATION OF VINYL AROMATIC POLYMERS	DOW GLOBAL TECHNOLOGIES LLC	04/03/2008	08744971.6	2181126	02/22/2012 602008013601.9
65033A-FR-EPT	France	CHLOROMETHYLATION OF VINYL AROMATIC POLYMERS	DOW GLOBAL TECHNOLOGIES LLC	04/03/2008	08744971.6	2181126	02/22/2012 2181126

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PATENT NUMBER	CO-PATENT	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT NUMBER
65033A-GB-EPT	United Kingdom	METHOD FOR PROCESSING EFFLUENT FROM CHLOROMETHYLATION OF VINYL AROMATIC POLYMERS	DOW GLOBAL TECHNOLOGIES LLC	04/03/2008	08744971.6	2181126	2181126
65033A-IN-PCT	India	METHOD FOR PROCESSING EFFLUENT FROM CHLOROMETHYLATION OF VINYL AROMATIC POLYMERS	DOW GLOBAL TECHNOLOGIES LLC	04/03/2008	5220/CHE/MP/2008		281345
65033A-IT-EPT	Italy	METHOD FOR PROCESSING EFFLUENT FROM CHLOROMETHYLATION OF VINYL AROMATIC POLYMERS	DOW GLOBAL TECHNOLOGIES LLC	04/03/2008	08744971.6	2181126	2181126
65033A-JP-PCT	Japan	METHOD FOR PROCESSING EFFLUENT FROM CHLOROMETHYLATION OF VINYL AROMATIC POLYMERS	DOW GLOBAL TECHNOLOGIES INC	04/03/2008	2009-530717	2009-541495	4477698
65033A-RO-EPT	Romania	CHLOROMETHYLATION OF VINYL AROMATIC POLYMERS	DOW GLOBAL TECHNOLOGIES LLC	04/03/2008	08744971.6	2181126	2181126
65413-US-NP	United States Of America	MEASURING MEMBRANE FOULING IN SPIRAL WOUND MODULES	DOW GLOBAL TECHNOLOGIES LLC	02/22/2007	11/709528	2008-0202242	8210042
65478-US-NP	United States Of America	ION EXCHANGE FILTER FOR FUEL CELL SYSTEM	TECHNOLOGIES LLC	01/09/2008	11/971232	2009-0176131	8808931
65478A-DE-EPT	Germany	ION EXCHANGE FILTER FOR FUEL CELL SYSTEM	DOW GLOBAL TECHNOLOGIES LLC	03/24/2009	09789537.9	2412051	602009027355.8
65478A-FR-EPT	France	FUEL CELL SYSTEM	TECHNOLOGIES LLC	03/24/2009	09789537.9	2412051	2412051
65478A-GB-EPT	United Kingdom	ION EXCHANGE FILTER FOR FUEL CELL SYSTEM	TECHNOLOGIES LLC	03/24/2009	09789537.9	2412051	2412051
65478A-IN-PCT	India	FUEL CELL SYSTEM	TECHNOLOGIES LLC	03/24/2009	6918/CHE/MP/2011	6918/CHE/MP/2011	
65478A-IT-EPT	Italy	ION EXCHANGE FILTER FOR FUEL CELL SYSTEM	DOW GLOBAL TECHNOLOGIES LLC	03/24/2009	09789537.9	2412051	2412051
65478A-JP-PCT	Japan	ION EXCHANGE FILTER FOR FUEL CELL SYSTEM	TECHNOLOGIES LLC	03/24/2009	2012-501972	2012-521633	5806205
65478A-KR-PCT	SOUTH KOREA	ION EXCHANGE FILTER FOR FUEL CELL SYSTEM	DOW GLOBAL TECHNOLOGIES LLC	03/24/2009	2011-7024838	10-2012-0016059	10-1552152
66885-BR-PCT	Brazil	BIOCIDAL COMPOUNDS AND METHODS FOR TREATING WATER SYSTEMS AT NEAR NEUTRAL TO HIGH PH	DOW GLOBAL TECHNOLOGIES LLC	05/14/2010	PII007563.1		

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
66885-CN-PCT	China	HALOGENATED AMIDE BIOCIDAL COMPOUNDS AND METHODS FOR TREATING WATER SYSTEMS AT NEAR NEUTRAL TO HIGH PH HALOGENATED AMIDE	DOW GLOBAL TECHNOLOGIES LLC	05/14/2010	201080021844.4	102428037	06/1/2014	201080021844.4
66885-DE-EPT	Germany	BIOCIDAL COMPOUNDS AND METHODS FOR TREATING WATER SYSTEMS AT NEAR NEUTRAL TO HIGH PH HALOGENATED AMIDE	DOW GLOBAL TECHNOLOGIES LLC	05/14/2010	10719886.3	2432740	02/22/2017	602010040194.4
66885-FR-EPT	France	HALOGENATED AMIDE BIOCIDAL COMPOUNDS AND METHODS FOR TREATING WATER SYSTEMS AT NEAR NEUTRAL TO HIGH PH HALOGENATED AMIDE	DOW GLOBAL TECHNOLOGIES LLC	05/14/2010	10719886.3	2432740	02/22/2017	2432740
66885-GB-EPT	United Kingdom	HALOGENATED AMIDE BIOCIDAL COMPOUNDS AND METHODS FOR TREATING WATER SYSTEMS AT NEAR NEUTRAL TO HIGH PH HALOGENATED AMIDE	DOW GLOBAL TECHNOLOGIES LLC	05/14/2010	10719886.3	2432740	02/22/2017	2432740
66885-IN-PCT	India	HALOGENATED AMIDE BIOCIDAL COMPOUNDS AND METHODS FOR TREATING WATER SYSTEMS AT NEAR NEUTRAL TO HIGH PH HALOGENATED AMIDE	DOW GLOBAL TECHNOLOGIES LLC	05/14/2010	8496/CHE/JP/2011	8496/CHE/JP/2011	06/18/2018	297748
66885-JP-PCT	Japan	HALOGENATED AMIDE BIOCIDAL COMPOUNDS AND METHODS FOR TREATING WATER SYSTEMS AT NEAR NEUTRAL TO HIGH PH HALOGENATED AMIDE	DOW GLOBAL TECHNOLOGIES LLC	05/14/2010	2012-511912	2012-527350	01/22/2016	5873011
66885-MX-PCT	Mexico	HALOGENATED AMIDE BIOCIDAL COMPOUNDS AND METHODS FOR TREATING WATER SYSTEMS AT NEAR NEUTRAL TO HIGH PH HALOGENATED AMIDE	DOW GLOBAL TECHNOLOGIES LLC	05/14/2010	MX/a/2011/012348	MX/a/2011/012348	11/13/2015	334826
66885-US-NP	United States Of America	BIOCIDAL COMPOUNDS AND METHODS FOR TREATING WATER SYSTEMS AT NEAR NEUTRAL TO HIGH PH HALOGENATED AMIDE	DOW GLOBAL TECHNOLOGIES LLC	05/14/2010	12/780464	2010-0314318		
66886-BR-PCT	Brazil	HALOGENATED AMIDE BIOCIDAL COMPOUNDS AND METHODS FOR TREATING WATER SYSTEMS AT NEAR NEUTRAL TO HIGH PH HALOGENATED AMIDE	DOW GLOBAL TECHNOLOGIES LLC	05/14/2010	PI1007575.5			

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668886-DE-EP1	668886-CN-PCT	66886-FR-EPT	66886-GB-EPT	66886-JP-PCT	66886-IN-PCT	66886-MX-PCT	67439-BR-PCT	67439-DE-EPT	67439-FR-EPT	67439-GB-EPT
HALOGENATED AMIDE BIOCIDAL COMPOUNDS AND METHODS FOR TREATING WATER SYSTEMS AT NEAR NEUTRAL TO HIGH PH	HALOGENATED AMIDE BIOCIDAL COMPOUNDS AND METHODS FOR TREATING WATER SYSTEMS AT NEAR NEUTRAL TO HIGH PH	HALOGENATED AMIDE BIOCIDAL COMPOUNDS AND METHODS FOR TREATING WATER SYSTEMS AT NEAR NEUTRAL TO HIGH PH	HALOGENATED AMIDE BIOCIDAL COMPOUNDS AND METHODS FOR TREATING WATER SYSTEMS AT NEAR NEUTRAL TO HIGH PH	HALOGENATED AMIDE BIOCIDAL COMPOUNDS AND METHODS FOR TREATING WATER SYSTEMS AT NEAR NEUTRAL TO HIGH PH	HALOGENATED AMIDE BIOCIDAL COMPOUNDS AND METHODS FOR TREATING WATER SYSTEMS AT NEAR NEUTRAL TO HIGH PH	HALOGENATED AMIDES AS BIOCIDES FOR BIOFILM CONTROL	HALOGENATED AMIDES AS BIOCIDES FOR BIOFILM CONTROL	HALOGENATED AMIDES AS BIOCIDES FOR BIOFILM CONTROL	HALOGENATED AMIDES AS BIOCIDES FOR BIOFILM CONTROL	HALOGENATED AMIDES AS BIOCIDES FOR BIOFILM CONTROL
Germany	China	France	United Kingdom	Japan	India	Mexico	Brazil	Germany	France	United Kingdom
05/14/2010	05/14/2010	05/14/2010	05/14/2010	05/14/2010	05/14/2010	05/14/2010	05/14/2010	05/14/2010	05/14/2010	05/14/2010
10719521.6	201080021782.7	10719521.6	10719521.6	2012.511913	8481/CHENP/2011	MX/a/2011/012350	PI1007580.1	10719522.4	10719522.4	10719522.4
2432738	102428035	2432738	2432738	2012.527351	8481/CHENP/2011	MX/a/2011/012350		2432739	2432739	2432739
03/01/2017	07/23/2014	03/01/2017	03/01/2017	10/24/2014	05/31/2018	11/12/2015		03/01/2017	03/01/2017	03/01/2017
602010040359.9	201080021782.7		2432738	5635596	297331	334792		602010040360.2	2432739	2432739

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PATENT NUMBER	COUNTRY	TITLE	OWNER	PENDING DATE	APP. NUMBER	PUB. NUMBER	GRANT DATE	GRANT NUMBER
67439-IN-PCT	India	HALOGENATED AMIDES AS BIOCIDES FOR BIOFILM CONTROL	DOW GLOBAL TECHNOLOGIES LLC	05/14/2010	8488/CHE/JP/2011	8488/CHE/JP/2011		
67439-JP-PCT	Japan	HALOGENATED AMIDES AS BIOCIDES FOR BIOFILM CONTROL	DOW GLOBAL TECHNOLOGIES LLC	05/14/2010	2012-511914	2012-527352	08/21/2015	5795575
67439-MX-PCT	Mexico	HALOGENATED AMIDES AS BIOCIDES FOR BIOFILM CONTROL	DOW GLOBAL TECHNOLOGIES LLC	05/14/2010	MX/a/2011/012352	MX/a/2011/012352	05/19/2016	339299
67551-CN-PCT	China	AROMATIC POLYMERS WITH AMINATION OF VINYL TERTIARY AMINES	DOW GLOBAL TECHNOLOGIES LLC	12/10/2009	200980156658.9	102317325	08/21/2013	200980156658.9
67551-DE-EPT	Germany	AMINATION OF VINYL AROMATIC POLYMERS WITH TERTIARY AMINES	DOW GLOBAL TECHNOLOGIES LLC	12/10/2009	09795615.5	2396351	09/11/2013	602009018781.3
67551-FR-EPT	France	AMINATION OF VINYL AROMATIC POLYMERS WITH TERTIARY AMINES	DOW GLOBAL TECHNOLOGIES LLC	12/10/2009	09795615.5	2396351	09/11/2013	602009018781.3
67551-GB-EPT	United Kingdom	AMINATION OF VINYL AROMATIC POLYMERS WITH TERTIARY AMINES	DOW GLOBAL TECHNOLOGIES LLC	12/10/2009	09795615.5	2396351	09/11/2013	2396351
67551-IN-PCT	India	AROMATIC POLYMERS WITH AMINATION OF VINYL TERTIARY AMINES	DOW GLOBAL TECHNOLOGIES LLC	12/10/2009	5816/CHE/JP/2011	5816/CHE/JP/2011	05/18/2018	296907
67551-IT-EPT	Italy	AROMATIC POLYMERS WITH AMINATION OF VINYL TERTIARY AMINES	DOW GLOBAL TECHNOLOGIES LLC	12/10/2009	09795615.5	2396351	09/11/2013	2396351
67551-JP-PCT	Japan	AROMATIC POLYMERS WITH AMINATION OF VINYL TERTIARY AMINES	DOW GLOBAL TECHNOLOGIES LLC	12/10/2009	2011-550113	2012-518053	01/09/2015	5675654
67551-RO-EPT	Romania	AROMATIC POLYMERS WITH TERTIARY AMINES	DOW GLOBAL TECHNOLOGIES LLC	12/10/2009	09795615.5	2396351	09/11/2013	2396351
67551-US-NP	United States Of America	AROMATIC POLYMERS WITH TERTIARY AMINES	DOW GLOBAL TECHNOLOGIES LLC	12/10/2009	12/634708	2010-0210743	09/25/2012	8273799
67796-CN-PCT	China	FILTRATION MODULE INCLUDING MEMBRANE SHEET WITH CAPILLARY CHANNELS	DOW GLOBAL TECHNOLOGIES LLC	08/18/2010	201080038254.2	102481522	09/24/2014	201080038254.2
67796-US-NP	United States Of America	FILTRATION MODULE INCLUDING MEMBRANE SHEET WITH CAPILLARY CHANNELS	DOW GLOBAL TECHNOLOGIES LLC	08/18/2010	12/858805	2011-0049038	08/14/2012	8241495

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
67845A-BR-PCT	Brazil	ION EXCHANGE RESINS COMPRISING INTERPENETRATING POLYMER NETWORKS AND THEIR USE IN CHROMIUM REMOVAL	DOW GLOBAL TECHNOLOGIES LLC	12/10/2009	P10919985.3			
67845A-CN-PCT	China	ION EXCHANGE RESINS COMPRISING INTERPENETRATING POLYMER NETWORKS AND THEIR USE IN CHROMIUM REMOVAL	DOW GLOBAL TECHNOLOGIES LLC	12/10/2009	200980154498.4	102282109	07/24/2013	200980154498.4
67845A-DE-EPT	Germany	ION EXCHANGE RESINS COMPRISING INTERPENETRATING POLYMER NETWORKS AND THEIR USE IN CHROMIUM REMOVAL	DOW GLOBAL TECHNOLOGIES LLC	12/10/2009	09768310.6	2387549	01/24/2018	602009050560.2
67845A-EP-EPT	European Procedure (Patents)	ION EXCHANGE RESINS COMPRISING INTERPENETRATING POLYMER NETWORKS AND THEIR USE IN CHROMIUM REMOVAL	DOW GLOBAL TECHNOLOGIES LLC	12/10/2009	09768310.6	2387549	01/24/2018	2387549
67845A-US-NP	United States Of America	ION EXCHANGE RESINS COMPRISING INTERPENETRATING POLYMER NETWORKS AND THEIR USE IN CHROMIUM REMOVAL	DOW GLOBAL TECHNOLOGIES LLC	12/10/2009	12/634709	2010-0176059	05/01/2012	8168070
67897-CN-PCT	China	SPIRAL WOUND FILTRATION MODULE	TECHNOLOGIES LLC	02/23/2011	201180015717.8	102821837	07/15/2015	201180015717.8
67897-US-CNT	United States Of America	SPIRAL WOUND FILTRATION MODULE	TECHNOLOGIES LLC	01/20/2014	14/158886	2014-0130963	03/31/2015	8991027
67897-US-NP	United States Of America	SPIRAL WOUND FILTRATION MODULE	TECHNOLOGIES LLC	02/23/2011	13/032663	2011-0232061	03/04/2014	8661648
67898-CN-PCT	China	FLUID FILTER ASSEMBLY INCLUDING SEAL	DOW GLOBAL TECHNOLOGIES LLC	11/30/2009	200980149268.9	102245275	12/18/2013	200980149268.9
67898-JP-PCT	Japan	FLUID FILTER ASSEMBLY INCLUDING SEAL	TECHNOLOGIES LLC	11/30/2009	2011-540773	2012-511427	01/10/2014	5449392
67898-US-NP	United States Of America	FLUID FILTER ASSEMBLY INCLUDING SEAL METHOD FOR APPLYING TAPE LAYER TO OUTER PERIPHERY OF SPIRAL WOUND MODULE	DOW GLOBAL TECHNOLOGIES LLC	12/11/2008	12/332464	2010-0147761	02/07/2012	8110016
67899-CN-PCT	China	SPIRAL WOUND MODULE	TECHNOLOGIES LLC	10/13/2010	201080047309.6	102574063	10/01/2014	201080047309.6

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
67899-DE-EPT	Germany	METHOD FOR APPLYING TAPE LAYER TO OUTER PERIPHERY OF SPIRAL WOUND MODULE	DOW GLOBAL TECHNOLOGIES LLC	10/13/2010	10771271.3	2493598	07/16/2014	602010017550.2
67899-IN-PCT	India	METHOD FOR APPLYING TAPE LAYER TO OUTER PERIPHERY OF SPIRAL WOUND MODULE	DOW GLOBAL TECHNOLOGIES LLC	10/13/2010	3788/CHENP/2012	3788/CHENP/2012		
67899-JP-PCT	Japan	METHOD FOR APPLYING TAPE LAYER TO OUTER PERIPHERY OF SPIRAL WOUND MODULE	DOW GLOBAL TECHNOLOGIES LLC	10/13/2010	2012-536848	2013-508154	06/19/2015	5763662
67899-KR-PCT	SOUTH KOREA	METHOD FOR APPLYING TAPE LAYER TO OUTER PERIPHERY OF SPIRAL WOUND MODULE	DOW GLOBAL TECHNOLOGIES LLC	10/13/2010	10-2012-7013282	10-2012-0096495	10/16/2017	10-1788534
67899-US-NP	United States Of America	METHOD FOR APPLYING TAPE LAYER TO OUTER PERIPHERY OF SPIRAL WOUND MODULE	DOW GLOBAL TECHNOLOGIES LLC	10/13/2010	12/9033245	2011-0094660	03/27/2012	8142588
68123-US-NP	United States Of America	METHOD FOR INHIBITING NITROSAMINE FORMATION IN ANION EXCHANGE RESINS	DOW GLOBAL TECHNOLOGIES LLC	12/27/2011	13/337714	2012-0172463	12/22/2015	9216411
68191-US-NP	United States Of America	METHOD OF TESTING MEMBRANES AND MEMBRANE-BASED SYSTEMS	DOW GLOBAL TECHNOLOGIES LLC	05/07/2009	12/436819	2010-0281960	03/31/2015	8991235
68293-US-NP	United States Of America	PERCHLORATE REMOVAL USING ION EXCHANGE RESINS COMPRISING INTERPENETRATING POLYMER NETWORKS	DOW GLOBAL TECHNOLOGIES LLC	02/08/2010	12/701644	2010-0243573	08/14/2012	8241505
68510-CN-PCT	China	METHOD OF TESTING THE INTEGRITY OF SPIRAL WOUND MODULES	DOW GLOBAL TECHNOLOGIES LLC	10/13/2010	201080047185.1	102596376	11/19/2014	201080047185.1
68510-JP-PCT	Japan	METHOD OF TESTING THE INTEGRITY OF SPIRAL WOUND MODULES	DOW GLOBAL TECHNOLOGIES LLC	10/13/2010	2012-535241	2013-508142	06/19/2015	5763655
68510-US-NP	United States Of America	METHOD OF TESTING THE INTEGRITY OF SPIRAL WOUND MODULES	DOW GLOBAL TECHNOLOGIES LLC	10/13/2010	12/903336	2011-0091094	10/29/2013	8571296
68511-CN-PCT	China	METHOD OF TESTING SPIRAL WOUND MODULES BY THERMAL IMAGING	DOW GLOBAL TECHNOLOGIES LLC	10/13/2010	201080061517.1	102711964	10/22/2014	201080061517.1
68511-US-NP	United States Of America	METHOD OF TESTING SPIRAL WOUND MODULES BY THERMAL IMAGING	DOW GLOBAL TECHNOLOGIES LLC	10/13/2010	12/903354	2011-0170572	01/08/2013	8348499
68652-DE-EPA	Germany	IMPROVED SHELL FUNCTIONALIZED ION EXCHANGE RESINS	DOW GLOBAL TECHNOLOGIES LLC	07/25/2012	12177892.2	2564926	06/13/2018	2564926
68652-EP-EPA	European Procedure (Patents)	IMPROVED SHELL FUNCTIONALIZED ION EXCHANGE RESINS	DOW GLOBAL TECHNOLOGIES LLC	07/25/2012	12177892.2	2564926	06/13/2018	2564926

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PATENT NUMBER	COUNTRY	TITLE	OWNER	PENDING DATE	APP. NUMBER	PIF. NUMBER	GRANT DATE	GRANT NUMBER
68652-GB-EPA	United Kingdom	IMPROVED SHELL FUNCTIONALIZED ION EXCHANGE RESINS	DOW GLOBAL TECHNOLOGIES LLC	07/25/2012	12177892.2	2564926	06/13/2018	2564926
68652-IN-NP	India	IMPROVED SHELL FUNCTIONALIZED ION EXCHANGE RESINS	DOW GLOBAL TECHNOLOGIES LLC	07/31/2012	2339/Del/2012	298122	06/27/2018	298122
68652-RO-EPA	Romania	IMPROVED SHELL FUNCTIONALIZED ION EXCHANGE RESINS	DOW GLOBAL TECHNOLOGIES LLC	07/25/2012	12177892.2	2564926	06/13/2018	2564926
68652-US-NP	United States Of America	IMPROVED SHELL FUNCTIONALIZED ION EXCHANGE RESINS	DOW GLOBAL TECHNOLOGIES LLC	08/21/2012	13/590276	2013-0053460	04/01/2014	8686055
68662-BR-PCT	Brazil	COMPOSITIONS OF DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	09/27/2010	112012004926.7			
68662-CN-PCT	China	SYNERGISTIC MICROBICIDAL COMPOSITIONS COMPRISING 2, 2-DIBROMOMALONAMIDE AND AN OXIDIZING BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	11/05/2013	201310541372.0	103518728	05/13/2015	201310541372.0
68662-CN-PCT[2]	China	SYNERGISTIC MICROBICIDAL COMPOSITIONS COMPRISING 2, 2-DIBROMOMALONAMIDE AND AN OXIDIZING BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	11/05/2013	201310541374.X	103548870	05/13/2015	201310541374.X
68662-CN-PCT[3]	China	SYNERGISTIC MICROBICIDAL COMPOSITIONS COMPRISING 2, 2-DIBROMOMALONAMIDE AND AN OXIDIZING BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	11/05/2013	201310541375.4	103636671	01/06/2016	201310541375.4
68662-CN-PCT[4]	China	SYNERGISTIC MICROBICIDAL COMPOSITIONS COMPRISING 2, 2-DIBROMOMALONAMIDE AND AN OXIDIZING BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	11/05/2013	201310541072.2	103621511	05/13/2015	201310541072.2
68662-CN-PCT[5]	China	SYNERGISTIC MICROBICIDAL COMPOSITIONS COMPRISING 2, 2-DIBROMOMALONAMIDE AND AN OXIDIZING BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	11/05/2013	201310541071.8	103621510	05/13/2015	201310541071.8
68662-CN-PCT[6]	China	SYNERGISTIC MICROBICIDAL COMPOSITIONS COMPRISING 2, 2-DIBROMOMALONAMIDE AND AN OXIDIZING BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	11/05/2013	201310541391.3	103636672	12/30/2015	201310541391.3
68662-CN-PCT	China	SYNERGISTIC MICROBICIDAL COMPOSITIONS COMPRISING 2, 2-DIBROMOMALONAMIDE AND AN OXIDIZING BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	09/27/2010	201080042923.3	102548400	07/02/2014	201080042923.3
68662-ES-EPT	Spain	DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	09/27/2010	10760569.3	2482649	07/23/2014	2482649

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PATENT NUMBER	COUNTRY	TITLE	OWNER	PENDING DATE	APP. NUMBER	PUB. NUMBER	GRANT DATE	GRANT NUMBER
68662-GB-EPT	United Kingdom	COMPOSITIONS OF DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	09/27/2010	10760569.3	2482649	07/23/2014	2482649
68662-IN-PCT	India	COMPOSITIONS OF DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	09/27/2010	2907/CHENP/2012	2907/CHENP/2012		
68662-IT-EPT	Italy	COMPOSITIONS OF DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	09/27/2010	10760569.3	2482649	07/23/2014	2482649
68662-JP-PCT	Japan	COMPOSITIONS OF DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	09/27/2010	2012-532218	2013-506002	03/06/2015	5706428
68662-MX-PCT	Mexico	COMPOSITIONS OF DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	09/27/2010	MX/a/12/003735	MX/a/12/003735	12/02/2014	325892
68662-US-PCT	United States Of America	COMPOSITIONS OF DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	09/27/2010	13/388696	2012-0177745	07/19/2016	9392789
68915-US-NP	United States Of America	SULFONATED POLY (ARYL ETHER) MEMBRANE INCLUDING BLEND WITH PHENYL AMINE COMPOUND	DOW GLOBAL TECHNOLOGIES LLC	03/01/2011	13/037393	2012-0223010	06/17/2014	8752714
69562-CN-PCT	China	TUBESHEET AND METHOD FOR MAKING AND USING THE SAME	DOW GLOBAL TECHNOLOGIES LLC	09/07/2011	201180046716.X	103140277	09/30/2015	201180046716.X
69562-US-NP	United States Of America	TUBESHEET AND METHOD FOR MAKING AND USING THE SAME	DOW GLOBAL TECHNOLOGIES LLC	09/28/2010	12/891968	2012-0074054	08/13/2013	8506808
69592-CN-PCT	China	ELECTROLYTE ENHANCED MICROBIAL FUEL CELL	DOW GLOBAL TECHNOLOGIES LLC	03/18/2011	201180024684.3	102906924	07/06/2016	201180024684.3
69712-CN-PCT	China	SPRAL WOUND MODULE INCLUDING MEMBRANE SHEET WITH REGIONS HAVING DIFFERENT PERMEABILITIES	DOW GLOBAL TECHNOLOGIES LLC	10/17/2011	201180040928.7	103068472	04/29/2015	201180040928.7
69712-DE-EPT	Germany	SPRAL WOUND MODULE INCLUDING MEMBRANE SHEET WITH REGIONS HAVING DIFFERENT PERMEABILITIES	DOW GLOBAL TECHNOLOGIES LLC	10/17/2011	11779899.1	2576028	04/23/2014	6020111006443.6
69712-ES-EPT	Spain	SPRAL WOUND MODULE INCLUDING MEMBRANE SHEET WITH REGIONS HAVING DIFFERENT PERMEABILITIES	DOW GLOBAL TECHNOLOGIES LLC	10/17/2011	11779899.1	2576028	04/23/2014	2576028

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
69712-GB-EPT	United Kingdom	SPIRAL WOUND MODULE INCLUDING MEMBRANE SHEET WITH REGIONS HAVING DIFFERENT PERMEABILITIES	DOW GLOBAL TECHNOLOGIES LLC	10/17/2011	11779899.1	2576028	04/23/2014	2576028
69712-IN-PCT	India	SPIRAL WOUND MODULE INCLUDING MEMBRANE SHEET WITH REGIONS HAVING DIFFERENT PERMEABILITIES	DOW GLOBAL TECHNOLOGIES LLC	10/17/2011	2789/CH/INP/2013			
69712-IT-EPT	Italy	SPIRAL WOUND MODULE INCLUDING MEMBRANE SHEET WITH REGIONS HAVING DIFFERENT PERMEABILITIES	DOW GLOBAL TECHNOLOGIES LLC	10/17/2011	11779899.1	2576028	04/23/2014	2576028
69712-US-PCT	United States Of America	SPIRAL WOUND MODULE INCLUDING MEMBRANE SHEET WITH REGIONS HAVING DIFFERENT PERMEABILITIES COKING WASTEWATER TREATMENT	DOW GLOBAL TECHNOLOGIES LLC	10/17/2011	13/808281	2013-0199988	07/30/2013	8496825
69766-CN-PCT	China	PROCESS FOR THE RECOVERY OF GOLD USING MACROPOROUS RESINS	DOW GLOBAL TECHNOLOGIES LLC	11/30/2011	201180074811.0	104024168		
69769-AU-NP	Australia	HYPER SELECTIVE STRONG BASE ANION EXCHANGE RESIN FOR GOLD FROM COMPLEX CYANIDE SOLUTIONS	DOW GLOBAL TECHNOLOGIES LLC	04/29/2011	20111201951		09/26/2013	2011201951
69769-RU-NP	Russian Federation	A PROCESS FOR SEPARATING COPPER AND NICKEL FROM SOLUTIONS	DOW GLOBAL TECHNOLOGIES LLC	04/28/2011	2011116933		04/24/2012	2459880
69771-AU-NP	Australia	A PROCESS FOR SEPARATING COPPER AND NICKEL FROM SOLUTIONS	DOW GLOBAL TECHNOLOGIES LLC	05/17/2011	2011202297		03/06/2014	2011202297
69771-BR-NP	Brazil	A PROCESS FOR SEPARATING COPPER AND NICKEL FROM SOLUTIONS	DOW GLOBAL TECHNOLOGIES LLC	05/24/2011	PI1102306.6	PI1102306.6		
69771-CA-NP	Canada	A PROCESS FOR SEPARATING COPPER AND NICKEL FROM SOLUTIONS	DOW GLOBAL TECHNOLOGIES LLC	05/13/2011	2740249	2740249		
69771-US-NP	United States Of America	A PROCESS FOR SEPARATING COPPER AND/OR NICKEL FROM SOLUTIONS	DOW GLOBAL TECHNOLOGIES LLC	05/24/2011	13/114863	2011-0290077	12/02/2014	8900342

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT NUMBER
69913-CN-PCT	China	COMPOSITIONS AND METHOD OF INHIBITING POLYMERIZATION OF VINYL-ARYL MONOMERS COMPOSITIONS AND METHOD OF INHIBITING	DOW GLOBAL TECHNOLOGIES LLC	07/27/2011	201180043578.X	103124745	201180043578.X
69913-DE-EPT	Germany	POLYMERIZATION OF VINYL-ARYL MONOMERS COMPOSITIONS AND METHOD OF INHIBITING	DOW GLOBAL TECHNOLOGIES LLC	07/27/2011	11745631.9	2585490	602011008160.8
69913-FR-EPT	France	POLYMERIZATION OF VINYL-ARYL MONOMERS COMPOSITIONS AND METHOD OF INHIBITING	DOW GLOBAL TECHNOLOGIES LLC	07/27/2011	11745631.9	2585490	2585490
69913-GB-EPT	United Kingdom	POLYMERIZATION OF VINYL-ARYL MONOMERS COMPOSITIONS AND METHOD OF INHIBITING	DOW GLOBAL TECHNOLOGIES LLC	07/27/2011	11745631.9	2585490	2585490
69913-JP-PCT	Japan	POLYMERIZATION OF VINYL-ARYL MONOMERS COMPOSITIONS AND METHOD OF INHIBITING	DOW GLOBAL TECHNOLOGIES LLC	07/27/2011	2013-523199	2013-535553	5833652
69913-US-PCT	United States Of America	POLYMERIZATION OF VINYL-ARYL MONOMERS METHOD FOR INHIBITING NITROSAMINE FORMATION IN ANION EXCHANGE RESINS	DOW GLOBAL TECHNOLOGIES LLC	12/27/2011	13/337736	2012-0172464	9138739
70151-AU-PCT	Australia	FLUID FILTER MODULE INCLUDING HANDLE	TECHNOLOGIES LLC	08/01/2011	20111293758		20111293758
70151-CN-PCT	China	FLUID FILTER MODULE INCLUDING HANDLE	TECHNOLOGIES LLC	08/01/2011	201180041261.2	103068471	201180041261.2
70151-DE-EPT	Germany	FLUID FILTER MODULE INCLUDING HANDLE	TECHNOLOGIES LLC	08/01/2011	11748522.7	2585200	602011007065.7
70151-FR-EPT	France	FLUID FILTER MODULE INCLUDING HANDLE	TECHNOLOGIES LLC	08/01/2011	11748522.7	2585200	2585200
70151-GB-EPT	United Kingdom	FLUID FILTER MODULE INCLUDING HANDLE	TECHNOLOGIES LLC	08/01/2011	11748522.7	2585200	2585200
70151-IN-PCT	India	FLUID FILTER MODULE INCLUDING HANDLE	TECHNOLOGIES LLC	08/01/2011	1450/CHE/NP/2013		
70151-NL-EPT	Netherlands	FLUID FILTER MODULE INCLUDING HANDLE	TECHNOLOGIES LLC	08/01/2011	11748522.7	2585200	2585200
70151-US-NP	United States Of America	FLUID FILTER MODULE INCLUDING HANDLE	TECHNOLOGIES LLC	08/25/2010	12/862872	2012-0048796	8261919
70199-AU-PCT	Australia	FLUID FILTER MODULE INCLUDING SEALED BOSS	TECHNOLOGIES LLC	08/01/2011	20111293757		20111293757

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PATENT NO.	IPC CLASS.	INVENTOR	ASSIGNOR	FILED DATE	APP. NO.	PRI. NO.	GRANT NO.
70199-CN-PCT	China	FLUID FILTER MODULE INCLUDING SEALED BOSS	DOW GLOBAL TECHNOLOGIES LLC	08/01/2011	201180041263.1	103153445	03/04/2015
70199-CN-PCT	China	FLUID FILTER MODULE	DOW GLOBAL	08/01/2011	201180041263.1	103153445	03/04/2015
70199-DE-EPT	Germany	FLUID FILTER MODULE INCLUDING SEALED BOSS	TECHNOLOGIES LLC	08/01/2011	11749283.5	2585201	04/09/2014
70199-DE-EPT	Germany	FLUID FILTER MODULE	TECHNOLOGIES LLC	08/01/2011	11749283.5	2585201	04/09/2014
70199-DE-EPT	France	FLUID FILTER MODULE INCLUDING SEALED BOSS	TECHNOLOGIES LLC	08/01/2011	11749283.5	2585201	04/09/2014
70199-DE-EPT	France	FLUID FILTER MODULE	DOW GLOBAL	08/01/2011	11749283.5	2585201	04/09/2014
70199-GB-EPT	United Kingdom	FLUID FILTER MODULE INCLUDING SEALED BOSS	TECHNOLOGIES LLC	08/01/2011	11749283.5	2585201	04/09/2014
70199-GB-EPT	United Kingdom	FLUID FILTER MODULE	DOW GLOBAL	08/01/2011	11749283.5	2585201	04/09/2014
70199-IN-PCT	India	FLUID FILTER MODULE INCLUDING SEALED BOSS	TECHNOLOGIES LLC	08/01/2011	1448/CHE/JP/2013	2585201	04/09/2014
70199-IN-PCT	India	FLUID FILTER MODULE	DOW GLOBAL	08/01/2011	1448/CHE/JP/2013	2585201	04/09/2014
70199-NL-EPT	Netherlands	FLUID FILTER MODULE INCLUDING SEALED BOSS	TECHNOLOGIES LLC	08/01/2011	11749283.5	2585201	04/09/2014
70199-NL-EPT	Netherlands	FLUID FILTER MODULE	DOW GLOBAL	08/01/2011	11749283.5	2585201	04/09/2014
70199-US-NP	United States Of America	FLUID FILTER MODULE INCLUDING SEALED BOSS	TECHNOLOGIES LLC	08/25/2010	12/862881	2012-0048795	05/08/2012
70199-US-NP	United States Of America	DUAL-SIDED MEMBRANE	TECHNOLOGIES LLC	08/25/2010	12/862881	2012-0048795	05/08/2012
70262-US-NP	United States Of America	SHEET AND METHOD FOR MAKING THE SAME	DOW GLOBAL	09/17/2010	12/884839	2012-0048795	02/14/2012
70262-US-NP	United States Of America	SELFONATED POLY(ARYL ETHER) MEMBRANE INCLUDING BLEND WITH PHENOL COMPOUND	TECHNOLOGIES LLC	09/17/2010	12/884839	2012-0048795	02/14/2012
70276-US-NP	United States Of America	COMPOSITE POLYAMIDE MEMBRANE	DOW GLOBAL	02/21/2012	13/400634	2012-0225960	09/09/2014
70768-CN-PCT	China	COMPOSITE POLYAMIDE MEMBRANE	TECHNOLOGIES LLC	01/20/2012	201280006263.2	103328083	02/09/2018
70768-CN-PCT	China	COMPOSITE POLYAMIDE MEMBRANE	TECHNOLOGIES LLC	01/20/2012	201280006263.2	103328083	02/09/2018
70768-DE-EPT	Germany	COMPOSITE POLYAMIDE MEMBRANE	TECHNOLOGIES LLC	01/20/2012	12702684.7	2632575	04/27/2016
70768-DE-EPT	Germany	COMPOSITE POLYAMIDE MEMBRANE	DOW GLOBAL	01/20/2012	12702684.7	2632575	04/27/2016
70768-ES-EPT	Spain	COMPOSITE POLYAMIDE MEMBRANE	TECHNOLOGIES LLC	01/20/2012	12702684.7	2632575	04/27/2016
70768-ES-EPT	Spain	COMPOSITE POLYAMIDE MEMBRANE	TECHNOLOGIES LLC	01/20/2012	12702684.7	2632575	04/27/2016
70768-FR-EPT	France	COMPOSITE POLYAMIDE MEMBRANE	TECHNOLOGIES LLC	01/20/2012	12702684.7	2632575	04/27/2016
70768-FR-EPT	France	COMPOSITE POLYAMIDE MEMBRANE	TECHNOLOGIES LLC	01/20/2012	12702684.7	2632575	04/27/2016
70768-GB-EPT	United Kingdom	COMPOSITE POLYAMIDE MEMBRANE	TECHNOLOGIES LLC	01/20/2012	12702684.7	2632575	04/27/2016
70768-GB-EPT	United Kingdom	COMPOSITE POLYAMIDE MEMBRANE	TECHNOLOGIES LLC	01/20/2012	12702684.7	2632575	04/27/2016
70768-IT-EPT	Italy	COMPOSITE POLYAMIDE MEMBRANE	TECHNOLOGIES LLC	01/20/2012	12702684.7	2632575	04/27/2016
70768-IT-EPT	Italy	COMPOSITE POLYAMIDE MEMBRANE	DOW GLOBAL	01/20/2012	12702684.7	2632575	04/27/2016
70768-JP-PCT	Japan	COMPOSITE POLYAMIDE MEMBRANE	TECHNOLOGIES LLC	01/20/2012	2013-550596	2014-504550	05/13/2016
70768-JP-PCT	Japan	COMPOSITE POLYAMIDE MEMBRANE	DOW GLOBAL	01/20/2012	2013-550596	2014-504550	05/13/2016
70768-KR-PCT	SOUTH KOREA	COMPOSITE POLYAMIDE MEMBRANE	TECHNOLOGIES LLC	01/20/2012	10-2013-7022266	10-2014-0016272	08/10/2016
70768-KR-PCT	SOUTH KOREA	COMPOSITE POLYAMIDE MEMBRANE	TECHNOLOGIES LLC	01/20/2012	10-2013-7022266	10-2014-0016272	08/10/2016
70769-CN-PCT	China	COMPOSITE POLYAMIDE MEMBRANE	TECHNOLOGIES LLC	01/20/2012	201280006262.8	103328082	08/10/2016
70769-CN-PCT	China	COMPOSITE POLYAMIDE MEMBRANE	TECHNOLOGIES LLC	01/20/2012	201280006262.8	103328082	08/10/2016
70769-DE-EPT	Germany	COMPOSITE POLYAMIDE MEMBRANE	TECHNOLOGIES LLC	01/20/2012	12702685.4	2632576	10/08/2014
70769-DE-EPT	Germany	COMPOSITE POLYAMIDE MEMBRANE	DOW GLOBAL	01/20/2012	12702685.4	2632576	10/08/2014
70769-ES-EPT	Spain	COMPOSITE POLYAMIDE MEMBRANE	TECHNOLOGIES LLC	01/20/2012	12702685.4	2632576	10/08/2014
70769-ES-EPT	Spain	COMPOSITE POLYAMIDE MEMBRANE	DOW GLOBAL	01/20/2012	12702685.4	2632576	10/08/2014
70769-FR-EPT	France	COMPOSITE POLYAMIDE MEMBRANE	TECHNOLOGIES LLC	01/20/2012	12702685.4	2632576	10/08/2014
70769-FR-EPT	France	COMPOSITE POLYAMIDE MEMBRANE	TECHNOLOGIES LLC	01/20/2012	12702685.4	2632576	10/08/2014

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PATENT NUMBER	COUNTRY	TITLE	OWNER	PENDING DATE	APP. NUMBER	PUB. NUMBER	GRANT DATE	GRANT NUMBER
70769-GB-EPT	United Kingdom	COMPOSITE POLYAMIDE MEMBRANE	DOW GLOBAL TECHNOLOGIES LLC	01/20/2012	12702685.4	2632576	10/08/2014	2632576
70769-IT-EPT	Italy	COMPOSITE POLYAMIDE MEMBRANE	DOW GLOBAL TECHNOLOGIES LLC	01/20/2012	12702685.4	2632576	10/08/2014	2632576
70769-JP-PCT	Japan	COMPOSITE POLYAMIDE MEMBRANE	DOW GLOBAL TECHNOLOGIES LLC	01/20/2012	2013-550597	2014-504551	05/13/2016	5934253
70769-KR-PCT	SOUTH KOREA	COMPOSITE POLYAMIDE MEMBRANE	DOW GLOBAL TECHNOLOGIES LLC	01/20/2012	10-2013-7022267	10-2014-0016273		
70770-CN-PCT	China	COMPOSITE POLYAMIDE MEMBRANE	DOW GLOBAL TECHNOLOGIES LLC	01/20/2012	201280006174.8	103328081	08/19/2015	201280006174.8
70770-DE-EPT	Germany	COMPOSITE POLYAMIDE MEMBRANE	DOW GLOBAL TECHNOLOGIES LLC	01/20/2012	12702923.9	2632577	10/01/2014	602012003265.0
70770-ES-EPT	Spain	COMPOSITE POLYAMIDE MEMBRANE	DOW GLOBAL TECHNOLOGIES LLC	01/20/2012	12702923.9	2632577	10/01/2014	2632577
70770-FR-EPT	France	COMPOSITE POLYAMIDE MEMBRANE	DOW GLOBAL TECHNOLOGIES LLC	01/20/2012	12702923.9	2632577	10/01/2014	2632577
70770-GB-EPT	United Kingdom	COMPOSITE POLYAMIDE MEMBRANE	DOW GLOBAL TECHNOLOGIES LLC	01/20/2012	12702923.9	2632577	10/01/2014	2632577
70770-IT-EPT	Italy	COMPOSITE POLYAMIDE MEMBRANE	DOW GLOBAL TECHNOLOGIES LLC	01/20/2012	12702923.9	2632577	10/01/2014	2632577
70770-JP-PCT	Japan	COMPOSITE POLYAMIDE MEMBRANE	DOW GLOBAL TECHNOLOGIES LLC	01/20/2012	2013-550598	2014-510619	04/08/2016	5912133
70770-KR-PCT	SOUTH KOREA	COMPOSITE POLYAMIDE MEMBRANE	DOW GLOBAL TECHNOLOGIES LLC	01/20/2012	10-2013-7022268	10-2014-0016274		
70770-US-PCT	United States Of America	COMPOSITE POLYAMIDE MEMBRANE	DOW GLOBAL TECHNOLOGIES LLC	01/20/2012	13/990139	2013-0287945	03/03/2015	8968828
70844-CN-PCT	China	HIGH EFFICIENCY MICROBIAL FUEL CELL	DOW GLOBAL TECHNOLOGIES LLC	03/18/2011	201180024710.2	102918697	09/30/2015	201180024710.2
		MICROBIAL FUEL CELL						
		PROCESS WHICH MAXIMIZES THE REDUCTION OF BIODEGRADABLE MATERIALS CONTAINED IN A FLUID STREAM	DOW GLOBAL TECHNOLOGIES LLC	03/18/2011	201180024705.1	102893438	06/15/2016	201180024705.1
70845-CN-PCT	China	MICROBIAL FUEL CELL	DOW GLOBAL TECHNOLOGIES LLC	03/18/2011	11711215.1	2548253	08/17/2016	2548253
		PROCESS WHICH MAXIMIZES THE REDUCTION OF BIODEGRADABLE MATERIALS CONTAINED IN A FLUID STREAM						
70845-DE-EPT	Germany	MICROBIAL FUEL CELL	DOW GLOBAL TECHNOLOGIES LLC	03/18/2011	11711215.1	2548253	08/17/2016	2548253
		MICROBIAL FUEL CELL						
		PROCESS WHICH MAXIMIZES THE REDUCTION OF BIODEGRADABLE MATERIALS CONTAINED IN A FLUID STREAM	DOW GLOBAL TECHNOLOGIES LLC	03/18/2011	11711215.1	2548253	08/17/2016	602011029299.4
70845-FR-EPT	France	MICROBIAL FUEL CELL	DOW GLOBAL TECHNOLOGIES LLC	03/18/2011	11711215.1	2548253	08/17/2016	602011029299.4

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Case Reference	Country	Title	Company	Filing Date	App. Number	Prior Art Number	Grant Date	Grant Number
		MICROBIAL FUEL CELL PROCESS WHICH MAXIMIZES THE REDUCTION OF BIODEGRADABLE MATERIALS CONTAINED IN A FLUID STREAM	DOW GLOBAL TECHNOLOGIES LLC	03/18/2011	11711215.1	2548253	08/17/2016	2548253
70845-GB-EPT	United Kingdom	ELECTRODEIONIZATION DEVICE INCLUDING ION EXCHANGE SPACER AND METHOD OF ASSEMBLY	DOW GLOBAL TECHNOLOGIES LLC	05/22/2012	201280028356.5	103764262	06/08/2016	201280028356.5
70901-CN-PCT	China	ELECTRODEIONIZATION DEVICE INCLUDING ION EXCHANGE SPACER AND METHOD OF ASSEMBLY	DOW GLOBAL TECHNOLOGIES LLC	05/22/2012	14/115638	2014-0083601	09/16/2014	8834663
70901-US-PCT	United States Of America	COMPOSITIONS OF DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	03/12/2012	112013021901.7			
70970-BR-PCT	Brazil	COMPOSITIONS OF DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	01/20/2015	201510027795.X	104705299	07/28/2017	201510027795.X
70970-CN-PCD	China	COMPOSITIONS OF DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	03/12/2012	201280014883.0	103442562	01/06/2016	201280014883.0
70970-CN-PCT	China	COMPOSITIONS OF DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	03/12/2012	12710619.3	2688400	04/19/2017	602012031402.1
70970-DE-EPT	Germany	COMPOSITIONS OF DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	03/12/2012	12710619.3	2688400	04/19/2017	602012031402.1
70970-FR-EPT	France	COMPOSITIONS OF DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	03/12/2012	12710619.3	2688400	04/19/2017	2688400
70970-GB-EPT	United Kingdom	COMPOSITIONS OF DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	03/12/2012	12710619.3	2688400	04/19/2017	2688400
70970-IN-PCT	India	COMPOSITIONS OF DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	03/12/2012	7305/DEL.NP/2013			
70970-JP-PCT	Japan	COMPOSITIONS OF DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	03/12/2012	2014-501134	2014-511838	01/29/2016	5875672
70970-MX-PCT	Mexico	COMPOSITIONS OF DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	03/12/2012	MX/a/13/010454		10/05/2016	342592
70970-US-PCT	United States Of America	COMPOSITIONS OF DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES	DOW GLOBAL TECHNOLOGIES LLC	03/12/2012	14/007485	2014-0023727	01/26/2016	9241484
71128-BR-PCT	Brazil	STRONG ACID CATALYST COMPOSITION	TECHNOLOGIES LLC	12/20/2012	112014014294.7			

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PATENT NUMBER	COUNTRY	TITLE	OWNER	PENDING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
71128-CA-PCT	Canada	STRONG ACID CATALYST COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	12/20/2012	2859445			
71128-EP-EPT	European Procedure (Patents)	STRONG ACID CATALYST COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	12/20/2012	12813207.3	2776159		
71128-JP-PCT	Japan	STRONG ACID CATALYST COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	12/20/2012	2014.550366	2015.508329	03/31/2017	6118821
71128-KR-PCT	SOUTH KOREA	STRONG ACID CATALYST COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	12/20/2012	10-2014-7019537	10-2014-0109435		
71128-US-PCT	United States Of America	STRONG ACID CATALYST COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	12/20/2012	14/369338	2015-0001388	05/15/2018	9968920
71130-AU-NP	Australia	ENHANCED STAGED ELUTION OF LOADED RESIN	DOW GLOBAL TECHNOLOGIES LLC	10/17/2012	2012241177		07/10/2014	2012241177
71130-CA-NP	Canada	ENHANCED STAGED ELUTION OF LOADED RESIN	DOW GLOBAL TECHNOLOGIES LLC	10/02/2012	2791611		05/06/2014	2791611
71130-RU-NP	Russian Federation	ENHANCED STAGED ELUTION OF LOADED RESIN	DOW GLOBAL TECHNOLOGIES LLC	10/30/2012	2012146244		04/10/2015	2545978
71440-CN-PCT	China	COMPOSITE MEMBRANE FORMED FROM POLYMER BLEND INCLUDING SELF-ASSEMBLING BLOCK COPOLYMERS	DOW GLOBAL TECHNOLOGIES LLC	07/26/2012	201280035259.9	103781537	04/06/2016	201280035259.9
71440-US-PCT	United States Of America	FORMED FROM POLYMER BLEND INCLUDING SELF-ASSEMBLING BLOCK COPOLYMERS	DOW GLOBAL TECHNOLOGIES LLC	07/26/2012	14/125179	2014-0178582		
71478-CN-PCT	China	COMPOSITE POLYAMIDE MEMBRANE DERIVED FROM MONOMER INCLUDING AMINE-REACTIVE AND PHOSPHOROUS-CONTAINING FUNCTIONAL GROUPS	DOW GLOBAL TECHNOLOGIES LLC	07/17/2012	201280042254.9	103764264	11/16/2016	201280042254.9
71478-JP-PCT	Japan	MEMBRANE DERIVED FROM MONOMER INCLUDING AMINE-REACTIVE AND PHOSPHOROUS-CONTAINING FUNCTIONAL GROUPS	DOW GLOBAL TECHNOLOGIES LLC	07/17/2012	2014.528394	2014.525346	12/09/2016	6054968
71478-US-PCT	United States Of America	COMPOSITE POLYAMIDE MEMBRANE DERIVED FROM MONOMER INCLUDING AMINE-REACTIVE AND PHOSPHOROUS-CONTAINING FUNCTIONAL GROUPS	DOW GLOBAL TECHNOLOGIES LLC	07/17/2012	14/125202	2014-0170314	07/26/2016	9399196

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PATENT NUMBER	CO-PATENT	CLASS	INVENTOR	ASSIGNOR	PRIOR ART	GRANT DATE	GRANT NUMBER	
71523-CN-PCT	China	IN-SITU METHOD FOR PREPARING HYDROLYZED ACYL HALIDE COMPOUND	DOW GLOBAL TECHNOLOGIES LLC	09/14/2012	201280045493.X	103958452	01/20/2016	201280045493.X
71523-DE-EPT	Germany	IN-SITU METHOD FOR PREPARING HYDROLYZED ACYL HALIDE COMPOUND	DOW GLOBAL TECHNOLOGIES LLC	09/14/2012	12766790.5	2731925	07/08/2015	6020150008697.1
71523-ES-EPT	Spain	PREPARING HYDROLYZED ACYL HALIDE COMPOUND	DOW GLOBAL TECHNOLOGIES LLC	09/14/2012	12766790.5	2731925	07/08/2015	2731925
71523-FR-EPT	France	IN-SITU METHOD FOR PREPARING HYDROLYZED ACYL HALIDE COMPOUND	DOW GLOBAL TECHNOLOGIES LLC	09/14/2012	12766790.5	2731925	07/08/2015	2731925
71523-GB-EPT	United Kingdom	PREPARING HYDROLYZED ACYL HALIDE COMPOUND	DOW GLOBAL TECHNOLOGIES LLC	09/14/2012	12766790.5	2731925	07/08/2015	2731925
71523-IL-PCT	Israel	IN-SITU METHOD FOR PREPARING HYDROLYZED ACYL HALIDE COMPOUND	DOW GLOBAL TECHNOLOGIES LLC	09/14/2012	231572	231572	04/01/2016	231572
71523-IN-PCT	India	PREPARING HYDROLYZED ACYL HALIDE COMPOUND	DOW GLOBAL TECHNOLOGIES LLC	09/14/2012	2226/CHENP/2014	2226/CHENP/2014		
71523-IT-EPT	Italy	IN-SITU METHOD FOR PREPARING HYDROLYZED ACYL HALIDE COMPOUND	DOW GLOBAL TECHNOLOGIES LLC	09/14/2012	12766790.5	2731925	07/08/2015	5020150000058585
71523-JP-PCT	Japan	PREPARING HYDROLYZED ACYL HALIDE COMPOUND	DOW GLOBAL TECHNOLOGIES LLC	09/14/2012	2014-533582	2014-534180	10/28/2016	6030657
71523-KR-PCT	SOUTH KOREA	IN-SITU METHOD FOR PREPARING HYDROLYZED ACYL HALIDE COMPOUND	DOW GLOBAL TECHNOLOGIES LLC	09/14/2012	10-2014-7011508	10-2014-0069317		
71523-US-NP	United States Of America	PREPARING HYDROLYZED ACYL HALIDE COMPOUND	DOW GLOBAL TECHNOLOGIES LLC	03/16/2013	13/844840	2014-0264161	06/09/2015	9051227
71681-CN-PCT	China	METHOD FOR SOLUBILIZING CARBOXYLIC ACID-CONTAINING COMPOUND IN HYDROCARBON SOLVENT	DOW GLOBAL TECHNOLOGIES LLC	09/14/2012	201280003998.X	103328088	02/03/2016	201280003998.X
71681-DE-EPT	Germany	METHOD FOR SOLUBILIZING CARBOXYLIC ACID-CONTAINING COMPOUND IN HYDROCARBON SOLVENT	DOW GLOBAL TECHNOLOGIES LLC	09/14/2012	12766791.3	2627439	12/14/2016	602012026634.1
71681-GB-EPT	United Kingdom	METHOD FOR SOLUBILIZING CARBOXYLIC ACID-CONTAINING COMPOUND IN HYDROCARBON SOLVENT	DOW GLOBAL TECHNOLOGIES LLC	09/14/2012	12766791.3	2627439	12/14/2016	2627439

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PUB. NUMBER	GRANT DATE	GRANT NUMBER
71681-IN-PCT	India	METHOD FOR SOLUBILIZING CARBOXYLIC ACID-CONTAINING COMPOUND IN HYDROCARBON SOLVENT	DOW GLOBAL TECHNOLOGIES LLC	09/14/2012	2270/CHENP/2014	2270/CHENP/2014		
71681-JP-PCT	Japan	METHOD FOR SOLUBILIZING CARBOXYLIC ACID-CONTAINING COMPOUND IN HYDROCARBON SOLVENT	DOW GLOBAL TECHNOLOGIES LLC	09/14/2012	2014-533583	2014-528831	03/24/2017	6114284
71681-KR-PCT	SOUTH KOREA	METHOD FOR SOLUBILIZING CARBOXYLIC ACID-CONTAINING COMPOUND IN HYDROCARBON SOLVENT	DOW GLOBAL TECHNOLOGIES LLC	09/14/2012	10-2013-7020797	10-2014-0068797		
71681-NO-EPT	Norway	METHOD FOR SOLUBILIZING CARBOXYLIC ACID-CONTAINING COMPOUND IN HYDROCARBON SOLVENT	DOW GLOBAL TECHNOLOGIES LLC	09/14/2012	12766791.3	2627439	12/14/2016	2627439
71681-US-NP	United States Of America	CONTAINING COMPOUND IN HYDROCARBON SOLVENT	DOW GLOBAL TECHNOLOGIES LLC	03/16/2013	13/844841	2014-0264162	06/09/2015	9051417
71682-US-PCT	United States Of America	METHOD FOR PREPARING HIGH PURITY MONO-HYDROLYZED ACYL HALIDE COMPOUND	DOW GLOBAL TECHNOLOGIES LLC	09/14/2012	14/125208	2014-0206900	05/12/2015	9029600
71712-CN-PCT	China	MEMBRANE DERIVED FROM CARBOXYLIC ACID CONTAINING ACYL HALIDE MONOMER	DOW GLOBAL TECHNOLOGIES LLC	09/14/2012	201280045586.2	103889563	03/29/2017	201280045586.2
71712-DE-EPT	Germany	COMPOSITE POLYAMIDE MEMBRANE DERIVED FROM CARBOXYLIC ACID CONTAINING ACYL HALIDE MONOMER	DOW GLOBAL TECHNOLOGIES LLC	09/14/2012	12769543.5	2760570	10/21/2015	602012011856.3
71712-ES-EPT	Spain	MEMBRANE DERIVED FROM CARBOXYLIC ACID CONTAINING ACYL HALIDE MONOMER	DOW GLOBAL TECHNOLOGIES LLC	09/14/2012	12769543.5	2760570	10/21/2015	2760570
71712-FR-EPT	France	COMPOSITE POLYAMIDE MEMBRANE DERIVED FROM CARBOXYLIC ACID CONTAINING ACYL HALIDE MONOMER	DOW GLOBAL TECHNOLOGIES LLC	09/14/2012	12769543.5	2760570	10/21/2015	2760570

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71712-GB-EPT	United Kingdom	COMPOSITE POLYAMIDE MEMBRANE DERIVED FROM CARBOXYLIC ACID CONTAINING ACYL HALIDE MONOMER	DOW GLOBAL TECHNOLOGIES LLC	09/14/2012	12769543.5	2760570	10/21/2015	2760570
71712-IL-PCT	Israel	COMPOSITE POLYAMIDE MEMBRANE DERIVED FROM CARBOXYLIC ACID CONTAINING ACYL HALIDE MONOMER	DOW GLOBAL TECHNOLOGIES LLC	09/14/2012	231573			
71712-IN-PCT	India	COMPOSITE POLYAMIDE MEMBRANE DERIVED FROM CARBOXYLIC ACID CONTAINING ACYL HALIDE MONOMER	DOW GLOBAL TECHNOLOGIES LLC	09/14/2012	2212/CHENP/2014	2212/CHENP/2014		
71712-IT-EPT	Italy	COMPOSITE POLYAMIDE MEMBRANE DERIVED FROM CARBOXYLIC ACID CONTAINING ACYL HALIDE MONOMER	DOW GLOBAL TECHNOLOGIES LLC	09/14/2012	12769543.5	2760570	10/21/2015	502016000003867
71712-JP-PCT	Japan	COMPOSITE POLYAMIDE MEMBRANE DERIVED FROM CARBOXYLIC ACID CONTAINING ACYL HALIDE MONOMER	DOW GLOBAL TECHNOLOGIES LLC	09/14/2012	2014-533584	2014-531979	10/21/2016	6027124
71712-KR-PCT	SOUTH KOREA	COMPOSITE POLYAMIDE MEMBRANE DERIVED FROM CARBOXYLIC ACID CONTAINING ACYL HALIDE MONOMER	DOW GLOBAL TECHNOLOGIES LLC	09/14/2012	10-2014-7011507	10-2014-0079442		
71712-US-NP	United States Of America	COMPOSITE POLYAMIDE MEMBRANE DERIVED FROM CARBOXYLIC ACID CONTAINING ACYL HALIDE MONOMER	DOW GLOBAL TECHNOLOGIES LLC	03/16/2013	13/844839	2014-0272134	03/22/2016	9289729
71820-CN-PCT	China	COMPOSITE MEMBRANE	TECHNOLOGIES LLC	02/12/2013	201380010309.2	104159657	05/10/2017	201380010309.2
71820-US-PCT	United States Of America	COMPOSITE MEMBRANE	TECHNOLOGIES LLC	02/12/2013	14/372339	2014-0363572	09/13/2016	9440196
71978-CN-NP	China	A PROCESS FOR MERCURY RECOVERY FROM WASTE ACID AND WASTE WATER OF PVC INDUSTRY	DOW GLOBAL TECHNOLOGIES LLC	11/10/2011	201110379128.X	103102023	07/06/2016	201110379128.X
72049-CN-PCT	China	COMPOSITE POLYAMIDE MEMBRANE	TECHNOLOGIES LLC	01/03/2013	201380004837.7	104039429	05/04/2016	201380004837.7

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PATENT NUMBER	CO-PATENT	CLASS	INVENTOR	ASSIGNOR	FILED DATE	APP. NUMBER	PRI. NUMBER	GRANT NUMBER
72049-EP-EPT	European Procedure (Patents)	COMPOSITE POLYAMIDE MEMBRANE	DOW GLOBAL TECHNOLOGIES LLC	01/03/2013	13700592.2	2776146		
72049-IN-PCT	India	COMPOSITE POLYAMIDE MEMBRANE	DOW GLOBAL TECHNOLOGIES LLC	01/03/2013	5001/CHENP/2014	5001/CHENP/2014		
72049-JP-PCT	Japan	COMPOSITE POLYAMIDE MEMBRANE	DOW GLOBAL TECHNOLOGIES LLC	01/03/2013	2014-551305	2015-509829	10/07/2016	6018222
72049-KR-PCT	SOUTH KOREA	COMPOSITE POLYAMIDE MEMBRANE	DOW GLOBAL TECHNOLOGIES LLC	01/03/2013	10-2014-7021941	10-2014-0119100		
72049-US-PCT	United States Of America	COMPOSITE POLYAMIDE MEMBRANE	DOW GLOBAL TECHNOLOGIES LLC	01/03/2013	14/241731	2014-0370191	07/07/2015	9073015
72456-AU-PCT	Australia	NICKEL AND COBALT RECOVERY USING CONTINUOUS ION EXCHANGE	DOW GLOBAL TECHNOLOGIES LLC	04/23/2013	2013256760		09/14/2017	2013256760
72456-CA-PCT	Canada	NICKEL AND COBALT RECOVERY USING CONTINUOUS ION EXCHANGE	DOW GLOBAL TECHNOLOGIES LLC	04/23/2013	2870199			
72456-OA-PCT	OAPI	NICKEL AND COBALT RECOVERY USING CONTINUOUS ION EXCHANGE	DOW GLOBAL TECHNOLOGIES LLC	04/23/2013	1201400480		07/31/2015	17148
72456-RU-PCT	Russian Federation	NICKEL AND COBALT RECOVERY USING CONTINUOUS ION EXCHANGE	DOW GLOBAL TECHNOLOGIES LLC	04/23/2013	2014148179		06/06/2017	2621504
72456-US-PCT	United States Of America	NICKEL AND COBALT RECOVERY USING CONTINUOUS ION EXCHANGE	DOW GLOBAL TECHNOLOGIES LLC	04/23/2013	14/241746	2015-0096412	06/30/2015	9068247
72533-CN-NP	China	GAS DIFFUSER	DOW GLOBAL TECHNOLOGIES LLC	07/17/2013	201310308707.4	103537194	11/09/2016	201310308707.4
72533-US-NP	United States Of America	GAS DIFFUSER	DOW GLOBAL TECHNOLOGIES LLC	07/09/2013	13/937241	2014-0191424	11/25/2014	8894048
72607-CA-PCT	Canada	MULTI-CHAMBERED HYDROCLONE	DOW GLOBAL TECHNOLOGIES LLC	05/01/2012	2828922			
72607-CN-PCT	China	MULTI-CHAMBERED HYDROCLONE	DOW GLOBAL TECHNOLOGIES LLC	05/01/2012	201280007451.7	103347580	05/20/2015	201280007451.7
72607-DE-EPT	Germany	MULTI-CHAMBERED HYDROCLONE	DOW GLOBAL TECHNOLOGIES LLC	05/01/2012	12782820.0	2646129	07/15/2015	602012008834.6
72607-FR-EPT	France	MULTI-CHAMBERED HYDROCLONE	DOW GLOBAL TECHNOLOGIES LLC	05/01/2012	12782820.0	2646129	07/15/2015	2646129
72607-GB-EPT	United Kingdom	MULTI-CHAMBERED HYDROCLONE	DOW GLOBAL TECHNOLOGIES LLC	05/01/2012	12782820.0	2646129	07/15/2015	2646129
72607-IN-PCT	India	MULTI-CHAMBERED HYDROCLONE	DOW GLOBAL TECHNOLOGIES LLC	05/01/2012	8801/CHENP/2013			
72607-US-PCT	United States Of America	MULTI-CHAMBERED HYDROCLONE	DOW GLOBAL TECHNOLOGIES LLC	05/01/2012	13/581578	2014-0042083	03/04/2014	8663472

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PATENT NUMBER	INVENTOR	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
72608-US-NP	United States Of America	CLEANING ASSEMBLY FOR USE IN FLUID FILTRATION SYSTEMS	DOW GLOBAL TECHNOLOGIES LLC	06/17/2011	13/163537	2012-0010063	11/11/2014	8882999
72609-US-NP	United States Of America	APPARATUS AND METHOD FOR IMPLEMENTING HYDROCLONE BASED FLUID FILTRATION SYSTEMS WITH EXTENSIBLE ISOLATED FILTER STAGES	DOW GLOBAL TECHNOLOGIES LLC	12/08/2011	13/314967	2012-0145609	02/24/2015	8960430
72610-US-CNT	United States Of America	HYDROCLONE BASED FLUID FILTRATION SYSTEM	DOW GLOBAL TECHNOLOGIES LLC	02/01/2011	13/019114	2011/0120959	06/19/2012	8201697
72610-US-CNT[2]	United States Of America	HYDROCLONE BASED FLUID FILTRATION SYSTEM	DOW GLOBAL TECHNOLOGIES LLC	05/17/2012	13/473634	2013-0126421	04/22/2014	8701896
72610-US-NP	United States Of America	HYDROCLONE BASED FLUID FILTRATION SYSTEM	DOW GLOBAL TECHNOLOGIES LLC	08/18/2006	11/506374	2007-0045168	03/01/2011	7896169
72610-US-NP[2]	United States Of America	HYDROCLONE BASED FLUID FILTRATION SYSTEM	DOW GLOBAL TECHNOLOGIES LLC	08/18/2006	11/506714	2007-0039900	12/15/2009	7632416
72776-BR-PCT	Brazil	HYDROCLONE WITH INLET FLOW SHIELD	TECHNOLOGIES LLC	05/07/2013	112014027100-3			
72776-CA-PCT	Canada	HYDROCLONE WITH INLET FLOW SHIELD	DOW GLOBAL TECHNOLOGIES LLC	05/07/2013	2872516			
72776-CN-PCT	China	HYDROCLONE WITH INLET FLOW SHIELD	TECHNOLOGIES LLC	05/07/2013	201380025509.5	104302374	09/28/2016	201380025509.5
72776-DE-EPT	Germany	HYDROCLONE WITH INLET FLOW SHIELD	TECHNOLOGIES LLC	05/07/2013	13725511.3	2849864	03/16/2016	602013005572.3
72776-FR-EPT	France	HYDROCLONE WITH INLET FLOW SHIELD	TECHNOLOGIES LLC	05/07/2013	13725511.3	2849864	03/16/2016	602013005572.6
72776-GB-EPT	United Kingdom	HYDROCLONE WITH INLET FLOW SHIELD	TECHNOLOGIES LLC	05/07/2013	13725511.3	2849864	03/16/2016	2849864
72776-IN-PCT	India	HYDROCLONE WITH INLET FLOW SHIELD	TECHNOLOGIES LLC	05/07/2013	8253/CHENP/2014			
72776-JP-PCT	Japan	HYDROCLONE WITH INLET FLOW SHIELD	DOW GLOBAL TECHNOLOGIES LLC	05/07/2013	2015-512685	2015-520672	03/10/2017	6105718
72776-KR-PCT	SOUTH KOREA	HYDROCLONE WITH INLET FLOW SHIELD	TECHNOLOGIES LLC	05/07/2013	10-2014-7035274	10-2015-0013311		
72776-US-PCT	United States Of America	HYDROCLONE WITH INLET FLOW SHIELD	DOW GLOBAL TECHNOLOGIES LLC	05/07/2013	14/390461	2015-0108057	06/09/2015	9050610
72776-ZA-PCT	South Africa	HYDROCLONE WITH INLET FLOW SHIELD	DOW GLOBAL TECHNOLOGIES LLC	05/07/2013	2014/07727		01/27/2018	2014/07727
72799-CA-PCT	Canada	CROSS-FLOW FILTRATION SYSTEM INCLUDING PARTICULATE SETTLING ZONE	DOW GLOBAL TECHNOLOGIES LLC	05/22/2013	2872329			

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72799-CN-PCT	China	CROSS-FLOW FILTRATION SYSTEM INCLUDING PARTICULATE SETTLING ZONE	DOW GLOBAL TECHNOLOGIES LLC	05/22/2013	201380028972.5	104334246	03/15/2017	201380028972.5
72799-EP-EPT	European Procedure (Patents)	CROSS-FLOW FILTRATION SYSTEM INCLUDING PARTICULATE SETTLING ZONE	DOW GLOBAL TECHNOLOGIES LLC	05/22/2013	13727744.8	2825276		
72799-US-PCT	United States Of America	CROSS-FLOW FILTRATION SYSTEM INCLUDING PARTICULATE SETTLING ZONE	DOW GLOBAL TECHNOLOGIES LLC	05/22/2013	14/391128	2015-0083651	08/11/2015	9101859
72838-CN-PCT	China	HYDROCLONE WITH VORTEX FLOW BARRIER	DOW GLOBAL TECHNOLOGIES LLC	05/22/2013	201380028633.7	104411379	01/25/2017	2013800286337
72838-US-PCT	United States Of America	HYDROCLONE WITH VORTEX FLOW BARRIER	DOW GLOBAL TECHNOLOGIES LLC	05/22/2013	14/390513	2015-0343334	11/17/2015	9186604
72863-US-PCT	United States Of America	THIN FILM COMPOSITE MEMBRANE DERIVED FROM TETRA-FUNCTIONAL ACYL HALIDE MONOMER	DOW GLOBAL TECHNOLOGIES LLC	07/03/2013	14/405697	2015-0147470	05/09/2017	9643128
72980-CN-PCT	China	COMPOSITE POLYAMIDE MEMBRANE	DOW GLOBAL TECHNOLOGIES LLC	07/03/2013	201380038526.2	104470627	05/11/2018	201380038526.2
72980-US-PCT	United States Of America	COMPOSITE POLYAMIDE MEMBRANE	DOW GLOBAL TECHNOLOGIES LLC	07/03/2013	14/405711	2015-0151255	05/30/2017	9662615
72998-CN-PCT	China	COMPOSITE POLYAMIDE MEMBRANE WITH INCREASED CARBOXYLIC ACID FUNCTIONALITY	DOW GLOBAL TECHNOLOGIES LLC	07/03/2013	201380038497.X	104470626	06/01/2018	201380038497.X
72998-EP-EPT	European Procedure (Patents)	COMPOSITE POLYAMIDE MEMBRANE WITH INCREASED CARBOXYLIC ACID FUNCTIONALITY	DOW GLOBAL TECHNOLOGIES LLC	07/03/2013	13737109.2	2874733		
72998-JP-PCT	Japan	COMPOSITE POLYAMIDE MEMBRANE WITH INCREASED CARBOXYLIC ACID FUNCTIONALITY	DOW GLOBAL TECHNOLOGIES LLC	07/03/2013	2015-523111	2015-530229	05/11/2018	6334522
72998-US-PCT	United States Of America	COMPOSITE POLYAMIDE MEMBRANE WITH INCREASED CARBOXYLIC ACID FUNCTIONALITY	DOW GLOBAL TECHNOLOGIES LLC	07/03/2013	14/406994	2015-0129485	04/04/2017	9610542
73041-BR-PCT	Brazil	COUNTER-FLOW ION EXCHANGE SYSTEM	DOW GLOBAL TECHNOLOGIES LLC	07/03/2013	112015001271-0			
73041-CN-PCT	China	COUNTER-FLOW ION EXCHANGE SYSTEM	DOW GLOBAL TECHNOLOGIES LLC	07/03/2013	201380038539.X	104661753	05/10/2017	201380038539.X
73041-RU-PCT	Russian Federation	COUNTER-FLOW ION EXCHANGE SYSTEM	DOW GLOBAL TECHNOLOGIES LLC	07/03/2013	2015105764		09/26/2017	2631816

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		MEMBRANE DERIVED FROM POLYFUNCTIONAL AMINE AND COMBINATION OF DIFFERENT POLYFUNCTIONAL AMINE-REACTIVE MONOMERS	DOW GLOBAL TECHNOLOGIES LLC	07/03/2013	201380037799.5	104470629	12/07/2016	201380037799.5
73094-CN-PCT	China	MEMBRANE DERIVED FROM POLYFUNCTIONAL AMINE AND COMBINATION OF DIFFERENT POLYFUNCTIONAL AMINE-REACTIVE MONOMERS	DOW GLOBAL TECHNOLOGIES LLC	07/03/2013	201380037799.5	104470629	12/07/2016	201380037799.5
73094-EP-EPT	European Procedure (Patents)	POLYFUNCTIONAL AMINE AND COMBINATION OF DIFFERENT POLYFUNCTIONAL AMINE-REACTIVE MONOMERS	DOW GLOBAL TECHNOLOGIES LLC	07/03/2013	1375711.8	2858740		
73094-JP-PCT	Japan	MEMBRANE DERIVED FROM POLYFUNCTIONAL AMINE AND COMBINATION OF DIFFERENT POLYFUNCTIONAL AMINE-REACTIVE MONOMERS	DOW GLOBAL TECHNOLOGIES LLC	07/03/2013	2015-523112	2015-528742	08/17/2018	6386456
73094-US-PCT	United States Of America	POLYFUNCTIONAL AMINE-REACTIVE MONOMERS	DOW GLOBAL TECHNOLOGIES LLC	07/03/2013	14/407013	2015-0174534	03/27/2018	9925500
73313-CN-PCT	China	COMPOSITE POLYAMIDE MEMBRANE WITH CARBOXYLIC ACID FUNCTIONALITY	DOW GLOBAL TECHNOLOGIES LLC	07/03/2013	201380038529.6	104461733	01/25/2017	2013800385296
73374-CN-PCT	China	COMPOSITE POLYAMIDE MEMBRANE WITH IMPROVED STRUCTURE	DOW GLOBAL TECHNOLOGIES LLC	07/03/2013	201380038533.2	104487160		
73374-US-PCT	United States Of America	COMPOSITE POLYAMIDE MEMBRANE WITH IMPROVED STRUCTURE	DOW GLOBAL TECHNOLOGIES LLC	07/03/2013	14/407366	2015-0165387	04/25/2017	9630149
73432-CA-PCT	Canada	RADIATION CURED MEMBRANES DERIVED FROM POLYMERS THAT ARE CO-REACTIVE WITH AZIDE CROSSLINKING AGENT(S)	DOW GLOBAL TECHNOLOGIES LLC	09/18/2013	2884012			
73432-US-PCT	United States Of America	RADIATION CURED MEMBRANES DERIVED FROM POLYMERS THAT ARE CO-REACTIVE WITH AZIDE CROSSLINKING AGENT(S)	DOW GLOBAL TECHNOLOGIES LLC	09/18/2013	14/423008	2015-0218330	10/27/2015	9169367
73455-CN-UM	China	INCLUDING INTEGRAL FILTER MODULE AND AERATOR	DOW GLOBAL TECHNOLOGIES LLC	09/28/2012	201220516047.X	201220516047.X	04/10/2013	201220516047.X
73658-CN-PCT	China	REMOVING IMPURITIES FROM SUGAR SOLUTIONS	DOW GLOBAL TECHNOLOGIES LLC	05/28/2013	201380076745.X	105247078		

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73658-EP-EPT	European Procedure (Patents)	REMOVING IMPURITIES FROM SUGAR SOLUTIONS	DOW GLOBAL TECHNOLOGIES LLC	05/28/2013	13885872.5	2978736		
73658-JP-PCD	Japan	REMOVING IMPURITIES FROM SUGAR SOLUTIONS	DOW GLOBAL TECHNOLOGIES LLC	03/28/2018	2018-061533	2018-117633		
73658-JP-PCT	Japan	REMOVING IMPURITIES FROM SUGAR SOLUTIONS	DOW GLOBAL TECHNOLOGIES LLC	05/28/2013	2016-515587	2016-525886		
73658-US-PCT	United States Of America	REMOVING IMPURITIES FROM SUGAR SOLUTIONS	DOW GLOBAL TECHNOLOGIES LLC	05/28/2013	14/892781	2016-0090641	03/29/2016	9297050
73783-US-PCT	United States Of America	FILTRATION ELEMENT WITH END CAP AND FACE SEAL	DOW GLOBAL TECHNOLOGIES LLC	10/09/2013	14/438944	2015-0314224	09/12/2017	9757669
73784-CN-PCT	China	HYDROCLONE	DOW GLOBAL TECHNOLOGIES LLC	10/09/2013	201380065706.X	104870072	03/08/2017	201380065706.X
73784-US-PCT	United States Of America	HYDROCLONE	DOW GLOBAL TECHNOLOGIES LLC	10/09/2013	14/429005	2015-0224517	11/24/2015	9192946
73964-CN-PCT[2]	China	METHOD FOR TREATING OIL-CONTAINING AQUEOUS MIXTURES WITH CATION EXCHANGE RESIN	DOW GLOBAL TECHNOLOGIES LLC	07/08/2014	201480042608.9	105451849	10/10/2017	201480042608.9
73964-US-PCT[2]	United States Of America	METHOD FOR TREATING OIL-CONTAINING AQUEOUS MIXTURES WITH CATION EXCHANGE RESIN	DOW GLOBAL TECHNOLOGIES LLC	07/08/2014	14/906623	2016-0185625	03/27/2018	9926211
74135-CN-PCT	China	COMPOSITE POLYAMIDE MEMBRANE MADE USING SUBSTITUTED BENZAMIDE MONOMER	DOW GLOBAL TECHNOLOGIES LLC	01/03/2014	201480004562.1	104918688	12/14/2016	201480004562.1
74135-US-PCT	United States Of America	COMPOSITE POLYAMIDE MEMBRANE MADE USING SUBSTITUTED BENZAMIDE MONOMER	DOW GLOBAL TECHNOLOGIES LLC	01/03/2014	14/648849	2015-0298066	02/20/2018	9895666
74154-CN-PCT	China	COMPOSITE POLYAMIDE MEMBRANE INCLUDING TRI-HYDROCARBYL PHOSPHATE	DOW GLOBAL TECHNOLOGIES LLC	01/03/2014	201480004809.X	105377406		
74154-IN-PCT	India	COMPOSITE POLYAMIDE MEMBRANE INCLUDING TRI-HYDROCARBYL PHOSPHATE	DOW GLOBAL TECHNOLOGIES LLC	01/03/2014	6601/DEL.NP/2015			
74154-JP-PCT	Japan	COMPOSITE POLYAMIDE MEMBRANE INCLUDING TRI-HYDROCARBYL PHOSPHATE	DOW GLOBAL TECHNOLOGIES LLC	01/03/2014	2015-552716	2016-502932	01/12/2018	6272905
74154-US-NP	United States Of America	COMPOSITE POLYAMIDE MEMBRANE INCLUDING TRI-HYDROCARBYL PHOSPHATE	DOW GLOBAL TECHNOLOGIES LLC	01/03/2014	14/146739	2014-0199483		

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74245-CN-PCT	China	COMPOSITE POLYAMIDE MEMBRANE MADE VIA INTERFACIAL POLYMERIZATION USING A BLEND OF NON-POLAR SOLVENTS	DOW GLOBAL TECHNOLOGIES LLC	01/03/2014	201480004136.8		104918687	
74245-IN-PCT	India	COMPOSITE POLYAMIDE MEMBRANE MADE VIA INTERFACIAL POLYMERIZATION USING A BLEND OF NON-POLAR SOLVENTS	DOW GLOBAL TECHNOLOGIES LLC	01/03/2014	6602/DELNP/2015			
74245-US-PCT	United States Of America	COMPOSITE POLYAMIDE MEMBRANE MADE VIA INTERFACIAL POLYMERIZATION USING A BLEND OF NON-POLAR SOLVENTS	DOW GLOBAL TECHNOLOGIES LLC	01/03/2014	14/650127	2015-0306548		
74339-CN-PCT	China	SPUN FIBER-REINFORCED CYLINDRICAL FILTRATION ELEMENT	DOW GLOBAL TECHNOLOGIES LLC	02/28/2014	201480011315.4	105188875	03/08/2017	201480011315.4
74339-US-PCT	United States Of America	SPUN FIBER-REINFORCED CYLINDRICAL FILTRATION ELEMENT	DOW GLOBAL TECHNOLOGIES LLC	02/28/2014	14/758370	2015-0367287	04/18/2017	9623379
74421-CN-PCT	China	EMULSIFIER	TECHNOLOGIES LLC	01/27/2014	201480008897.0	105246580	09/15/2017	201480008897.0
74421-GB-EPT	United Kingdom	EMULSIFIER	TECHNOLOGIES LLC	01/27/2014	14705904.2	2938427	06/14/2017	2938427
74421-RO-EPT	Romania	EMULSIFIER	TECHNOLOGIES LLC	01/27/2014	14705904.2	2938427	06/14/2017	2938427
74421-US-PCT	United States Of America	EMULSIFIER	TECHNOLOGIES LLC	01/27/2014	14/761327	2015-0352506	07/19/2016	9393532
74509-CN-PCT	China	COMPOSITE POLYAMIDE MEMBRANE INCLUDING DISSOLVABLE POLYMER COATING	DOW GLOBAL TECHNOLOGIES LLC	02/28/2014	201480011335.1	105188891	11/24/2017	201480011335.1
74509-US-PCT	United States Of America	COMPOSITE POLYAMIDE MEMBRANE INCLUDING DISSOLVABLE POLYMER COATING	DOW GLOBAL TECHNOLOGIES LLC	02/28/2014	14/758575	2015-0367288	01/03/2017	9533262

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74581-CN-NP	China	COMPOSITE POLYAMIDE MEMBRANE DERIVED FROM AROMATIC MONOMER INCLUDING ANHYDRIDE AND SULFONYL HALIDE FUNCTIONAL GROUPS	DOW GLOBAL TECHNOLOGIES LLC	03/25/2014	201410112607.9	104069748	01/11/2017	201410112607.9
74581-US-NP	United States Of America	COMPOSITE POLYAMIDE MEMBRANE DERIVED FROM AROMATIC MONOMER INCLUDING ANHYDRIDE AND SULFONYL HALIDE FUNCTIONAL GROUPS	DOW GLOBAL TECHNOLOGIES LLC	03/05/2014	14/197866	2014-0295078	04/07/2015	8999449
74630-CN-PCT	China	WATER TREATMENT ASSEMBLY INCLUDING HYPERFILTRATION MODULE AND PRESSURIZABLE RESERVOIR	DOW GLOBAL TECHNOLOGIES LLC	04/16/2014	201480021584.9	105408007	08/18/2017	201480021584.9
74630-IN-PCT	India	WATER TREATMENT ASSEMBLY INCLUDING HYPERFILTRATION MODULE AND PRESSURIZABLE RESERVOIR	DOW GLOBAL TECHNOLOGIES LLC	04/16/2014	10211/DIEL.NP/2015	10211/DIEL.NP/2015		
74630-US-PCT	United States Of America	WATER TREATMENT ASSEMBLY INCLUDING HYPERFILTRATION MODULE AND PRESSURIZABLE RESERVOIR	DOW GLOBAL TECHNOLOGIES LLC	04/16/2014	14/773808	2016-0031725	12/12/2017	9840426
74631-CN-PCT	China	ASSEMBLY INCLUDING SERIALY CONNECTED SPIRAL WOUND MODULES WITH PERMEATE FLOW CONTROLLER	DOW GLOBAL TECHNOLOGIES LLC	04/15/2014	201480022831.7	105163835		
74631-DE-EPT	Germany	ASSEMBLY INCLUDING SERIALY CONNECTED SPIRAL WOUND MODULES WITH PERMEATE FLOW CONTROLLER	DOW GLOBAL TECHNOLOGIES LLC	04/15/2014	14724946.0	2958665	07/04/2018	2958665
74631-EP-EPT	European Procedure (Patents)	ASSEMBLY INCLUDING SERIALY CONNECTED SPIRAL WOUND MODULES WITH PERMEATE FLOW CONTROLLER	DOW GLOBAL TECHNOLOGIES LLC	04/15/2014	14724946.0	2958665	07/04/2018	2958665
74631-ES-EPT	Spain	ASSEMBLY INCLUDING SERIALY CONNECTED SPIRAL WOUND MODULES WITH PERMEATE FLOW CONTROLLER	DOW GLOBAL TECHNOLOGIES LLC	04/15/2014	14724946.0	2958665	07/04/2018	2958665

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74631-FR-EPT	France	ASSEMBLY INCLUDING SERIALLY CONNECTED SPIRAL WOUND MODULES WITH PERMEATE FLOW CONTROLLER	DOW GLOBAL TECHNOLOGIES LLC	04/15/2014	14724946.0	2958665	07/04/2018	2958665
74631-GB-EPT	United Kingdom	ASSEMBLY INCLUDING SERIALLY CONNECTED SPIRAL WOUND MODULES WITH PERMEATE FLOW CONTROLLER	DOW GLOBAL TECHNOLOGIES LLC	04/15/2014	14724946.0	2958665	07/04/2018	2958665
74631-IL-PCT	Israel	ASSEMBLY INCLUDING SERIALLY CONNECTED SPIRAL WOUND MODULES WITH PERMEATE FLOW CONTROLLER	DOW GLOBAL TECHNOLOGIES LLC	04/15/2014	242114			
74631-IN-PCT	India	ASSEMBLY INCLUDING SERIALLY CONNECTED SPIRAL WOUND MODULES WITH PERMEATE FLOW CONTROLLER	DOW GLOBAL TECHNOLOGIES LLC	04/15/2014	10166/DELNP/2015	10166/DELNP/2015		
74631-IT-EPT	Italy	ASSEMBLY INCLUDING SERIALLY CONNECTED SPIRAL WOUND MODULES WITH PERMEATE FLOW CONTROLLER	DOW GLOBAL TECHNOLOGIES LLC	04/15/2014	14724946.0	2958665	07/04/2018	2958665
74710-CN-PCT	China	COMPOSITE POLYAMIDE MEMBRANE DERIVED FROM AN ALIPHATIC ACYCLIC TERTIARY AMINE COMPOUND	DOW GLOBAL TECHNOLOGIES LLC	04/15/2014	201480022842.5	105163837	05/10/2017	201480022842.5
74710-US-PCT	United States Of America	COMPOSITE POLYAMIDE MEMBRANE DERIVED FROM AN ALIPHATIC ACYCLIC TERTIARY AMINE COMPOUND	DOW GLOBAL TECHNOLOGIES LLC	04/15/2014	14771713	2016-0045873	07/12/2016	9387442
74768-CN-PCT	China	WASHING MACHINE INCLUDING INTEGRAL FILTER MODULE	DOW GLOBAL TECHNOLOGIES LLC	09/13/2013	201380078942.5	105764400		
74777-CN-AP	China	FILTER MODULE WITH END CAPS INCLUDING INTEGRAL VALVES	DOW GLOBAL TECHNOLOGIES LLC	10/12/2013	201310489428.2	104226118		
74777-CN-UM	China	FILTER MODULE WITH END CAPS INCLUDING INTEGRAL VALVES	DOW GLOBAL TECHNOLOGIES LLC	10/12/2013	201320643523.9		07/09/2014	201320643523.9
74862-CN-PCT	China	CHROMATOGRAPHIC SEPARATION OF SUGARS USING BLEND OF CATION EXCHANGE RESINS	DOW GLOBAL TECHNOLOGIES LLC	08/15/2014	201480045629.6	105452490		

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74862-DE-EPT	Germany	CHROMATOGRAPHIC SEPARATION OF SUGARS USING BLEND OF CATION EXCHANGE RESINS	DOW GLOBAL TECHNOLOGIES LLC	08/15/2014	14758453.6	3041961	09/27/2017	602014015134.5
74862-EP-EPT	European Procedure (Patents)	CHROMATOGRAPHIC SEPARATION OF SUGARS USING BLEND OF CATION EXCHANGE RESINS	DOW GLOBAL TECHNOLOGIES LLC	08/15/2014	14758453.6	3041961	09/27/2017	3041961
74862-FR-EPT	France	CHROMATOGRAPHIC SEPARATION OF SUGARS USING BLEND OF CATION EXCHANGE RESINS	DOW GLOBAL TECHNOLOGIES LLC	08/15/2014	14758453.6	3041961	09/27/2017	3041961
74862-US-PCT	United States Of America	CHROMATOGRAPHIC SEPARATION OF SUGARS USING BLEND OF CATION EXCHANGE RESINS	DOW GLOBAL TECHNOLOGIES LLC	08/15/2014	14758453.6	3041961	09/27/2017	3041961
74875-CN-PCT	China	METHOD FOR MAKING ANION EXCHANGE AND CHELANT RESINS INCLUDING ALIPHATIC AMINO FUNCTIONAL GROUPS	DOW GLOBAL TECHNOLOGIES LLC	06/09/2014	201480032274.7	105263971	04/27/2018	2014800322747
74875-DE-EPT	Germany	METHOD FOR MAKING ANION EXCHANGE AND CHELANT RESINS INCLUDING ALIPHATIC AMINO FUNCTIONAL GROUPS	DOW GLOBAL TECHNOLOGIES LLC	06/09/2014	14735061.5	2986651	02/22/2017	602014006957.6
74875-GB-EPT	United Kingdom	METHOD FOR MAKING ANION EXCHANGE AND CHELANT RESINS INCLUDING ALIPHATIC AMINO FUNCTIONAL GROUPS	DOW GLOBAL TECHNOLOGIES LLC	06/09/2014	14735061.5	2986651	02/22/2017	2986651
74875-IN-PCT	India	METHOD FOR MAKING ANION EXCHANGE AND CHELANT RESINS INCLUDING ALIPHATIC AMINO FUNCTIONAL GROUPS	DOW GLOBAL TECHNOLOGIES LLC	06/09/2014	11844/DIELNP/2015			
74875-JP-PCT	Japan	METHOD FOR MAKING ANION EXCHANGE AND CHELANT RESINS INCLUDING ALIPHATIC AMINO FUNCTIONAL GROUPS	DOW GLOBAL TECHNOLOGIES LLC	06/09/2014	2016-519567	2016-521800	08/04/2017	6185663
74875-KR-PCT	SOUTH KOREA	METHOD FOR MAKING ANION EXCHANGE AND CHELANT RESINS INCLUDING ALIPHATIC AMINO FUNCTIONAL GROUPS	DOW GLOBAL TECHNOLOGIES LLC	06/09/2014	10-2016-7000629	10-2016-0037881		

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74875-RO-EPT	Romania	METHOD FOR MAKING ANION EXCHANGE AND CHELANT RESINS INCLUDING ALIPHATIC AMINO FUNCTIONAL GROUPS	DOW GLOBAL TECHNOLOGIES LLC	06/09/2014	14735061.5	2986651	02/22/2017	2986651
74875-RU-PCT	Russian Federation	METHOD FOR MAKING ANION EXCHANGE AND CHELANT RESINS INCLUDING ALIPHATIC AMINO FUNCTIONAL GROUPS	DOW GLOBAL TECHNOLOGIES LLC	06/09/2014	2015155269	2015155269	06/19/2018	2658003
74875-US-PCT	United States Of America	METHOD FOR MAKING ANION EXCHANGE AND CHELANT RESINS INCLUDING ALIPHATIC AMINO FUNCTIONAL GROUPS	DOW GLOBAL TECHNOLOGIES LLC	06/09/2014	14/384101	2016-0236187	11/08/2016	9486798
75088-CA-PCT	Canada	METHOD TO PROVIDE PIPELINE QUALITY NATURAL GAS	DOW GLOBAL TECHNOLOGIES LLC	08/05/2014	2936922			
75088-CA-PCT	Canada	METHOD TO PROVIDE PIPELINE QUALITY NATURAL GAS	DOW GLOBAL TECHNOLOGIES LLC	08/05/2014	2936922			
75088-CA-PCT	Canada	METHOD TO PROVIDE PIPELINE QUALITY NATURAL GAS	DOW GLOBAL TECHNOLOGIES LLC	08/05/2014	2936922			
75088-EP-EPT	European Procedure (Patents)	METHOD TO PROVIDE PIPELINE QUALITY NATURAL GAS	DOW GLOBAL TECHNOLOGIES LLC	08/05/2014	14752534.9	3096871		
75088-EP-EPT	European Procedure (Patents)	METHOD TO PROVIDE PIPELINE QUALITY NATURAL GAS	DOW GLOBAL TECHNOLOGIES LLC	08/05/2014	14752534.9	3096871		
75088-US-PCT	United States Of America	METHOD TO PROVIDE PIPELINE QUALITY NATURAL GAS	DOW GLOBAL TECHNOLOGIES LLC	08/05/2014	15/107636	2016-0333275	09/26/2017	9771522
75088-US-PCT	United States Of America	METHOD TO PROVIDE PIPELINE QUALITY NATURAL GAS	DOW GLOBAL TECHNOLOGIES LLC	08/05/2014	15/107636	2016-0333275	09/26/2017	9771522
75090-EP-EPT	European Procedure (Patents)	NATURAL GAS LIQUIDS FROM REMOTE LOCATIONS	DOW GLOBAL TECHNOLOGIES LLC	08/05/2014	14752535.6	3096864		
75090-EP-EPT	European Procedure (Patents)	NATURAL GAS LIQUIDS FROM REMOTE LOCATIONS	DOW GLOBAL TECHNOLOGIES LLC	08/05/2014	14752535.6	3096864		
75090-EP-EPT	European Procedure (Patents)	NATURAL GAS LIQUIDS FROM REMOTE LOCATIONS	DOW GLOBAL TECHNOLOGIES LLC	08/05/2014	14752535.6	3096864		
75090-NG-PCT	Nigeria	NATURAL GAS PRODUCED IN REMOTE LOCATIONS	DOW GLOBAL TECHNOLOGIES LLC	08/05/2014	F/P/2016/198		10/17/2017	F/P/2016/198

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75090-NG-PCT	Nigeria	PROCESS FOR RECOVERING NATURAL GAS LIQUIDS FROM NATURAL GAS PRODUCED IN REMOTE LOCATIONS	DOW GLOBAL TECHNOLOGIES LLC	08/05/2014	F/P/2016/198		10/17/2017	F/P/2016/198
75090-US-PCT	United States Of America	PROCESS FOR RECOVERING NATURAL GAS LIQUIDS FROM NATURAL GAS PRODUCED IN REMOTE LOCATIONS	DOW GLOBAL TECHNOLOGIES LLC	08/05/2014	15/107327		2016-0340595	
75090-US-PCT	United States Of America	PROCESS FOR RECOVERING NATURAL GAS LIQUIDS FROM NATURAL GAS PRODUCED IN REMOTE LOCATIONS	DOW GLOBAL TECHNOLOGIES LLC	08/05/2014	15/107327		2016-0340595	
75090-US-PCT	United States Of America	PROCESS FOR RECOVERING NATURAL GAS LIQUIDS FROM NATURAL GAS PRODUCED IN REMOTE LOCATIONS	DOW GLOBAL TECHNOLOGIES LLC	08/05/2014	15/107327		2016-0340595	
75092-CA-PCT	Canada	METHANE-RICH NATURAL GAS SUPPLY FOR STATIONARY COMBUSTION SYSTEMS	DOW GLOBAL TECHNOLOGIES LLC	08/05/2014	2936353			
75092-CA-PCT	Canada	METHANE-RICH NATURAL GAS SUPPLY FOR STATIONARY COMBUSTION SYSTEMS	DOW GLOBAL TECHNOLOGIES LLC	08/05/2014	2936353			
75092-EP-EPT	European Procedure (Patents)	METHANE-RICH NATURAL GAS SUPPLY FOR STATIONARY COMBUSTION SYSTEMS	DOW GLOBAL TECHNOLOGIES LLC	08/05/2014	14755486.9		3094397	
75092-US-PCT	United States Of America	METHANE-RICH NATURAL GAS SUPPLY FOR STATIONARY COMBUSTION SYSTEMS	DOW GLOBAL TECHNOLOGIES LLC	08/05/2014	15/104435		2016-0319210	10011797
75092-US-PCT	United States Of America	METHANE-RICH NATURAL GAS SUPPLY FOR STATIONARY COMBUSTION SYSTEMS	DOW GLOBAL TECHNOLOGIES LLC	08/05/2014	15/104435		2016-0319210	10011797
75092-US-PCT	United States Of America	METHANE-RICH NATURAL GAS SUPPLY FOR STATIONARY COMBUSTION SYSTEMS	DOW GLOBAL TECHNOLOGIES LLC	08/05/2014	15/104435		2016-0319210	10011797
75183-CN-NP	China	A PROCESS FOR MERCURY RECOVERY FROM WASTE ACID AND WASTE WATER OF PVC INDUSTRY	DOW GLOBAL TECHNOLOGIES LLC	12/10/2014	201410756530.6		105731593	
75209-CN-PCT	China	PROCESS OF USE OF ADSORBENT RESIN PARTICLES	DOW GLOBAL TECHNOLOGIES LLC	05/08/2015	2015580079582.X		107531514	
75209-EP-EPT	European Procedure (Patents)	PROCESS OF USE OF ADSORBENT RESIN PARTICLES	DOW GLOBAL TECHNOLOGIES LLC	05/08/2015	15891446.5		3294676	

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75209-US-PCT	United States Of America	PROCESS OF USE OF ADSORBENT RESIN PARTICLES	DOW GLOBAL TECHNOLOGIES LLC	05/08/2015	15/568615		2018-0148348	
75209-WO-PCT	International Procedure	PROCESS OF USE OF ADSORBENT RESIN PARTICLES	DOW GLOBAL TECHNOLOGIES LLC	05/08/2015	PCT/CN15/078522	WO/2016/179739		
75379-CN-PCT	China	SUITABLE FOR HOUSEHOLD USE	DOW GLOBAL TECHNOLOGIES LLC	09/02/2014	201480049868.9	105579117	05/11/2018	201480049868.9
75379-US-PCT	United States Of America	HYPERFILTRATION SYSTEM SUITABLE FOR HOUSEHOLD USE	DOW GLOBAL TECHNOLOGIES LLC	09/02/2014	14/912715	2016-0200597	10/24/2017	9795922
75379-WO-PCT	International Procedure	HYPERFILTRATION SYSTEM SUITABLE FOR HOUSEHOLD USE	DOW GLOBAL TECHNOLOGIES LLC	09/02/2014	PCT/US14/053643	WO/2015/047667		
75464-CN-PCT	China	COMPOSITE POLYAMIDE MEMBRANE TREATED WITH DIHYDROXYARYL COMPOUNDS AND NITROUS ACID	DOW GLOBAL TECHNOLOGIES LLC	10/29/2014	201480063210.3	103170333		
75464-DE-EPT	Germany	COMPOSITE POLYAMIDE MEMBRANE TREATED WITH DIHYDROXYARYL COMPOUNDS AND NITROUS ACID	DOW GLOBAL TECHNOLOGIES LLC	10/29/2014	14/99276.2	3077089	02/28/2018	3077089
75464-EP-EPT	European Procedure (Patents)	COMPOSITE POLYAMIDE MEMBRANE TREATED WITH DIHYDROXYARYL COMPOUNDS AND NITROUS ACID	DOW GLOBAL TECHNOLOGIES LLC	10/29/2014	14/99276.2	3077089	02/28/2018	3077089
75464-IN-PCT	India	COMPOSITE POLYAMIDE MEMBRANE TREATED WITH DIHYDROXYARYL COMPOUNDS AND NITROUS ACID	DOW GLOBAL TECHNOLOGIES LLC	10/29/2014	201617021100			
75464-NL-EPT	Netherlands	COMPOSITE POLYAMIDE MEMBRANE TREATED WITH DIHYDROXYARYL COMPOUNDS AND NITROUS ACID	DOW GLOBAL TECHNOLOGIES LLC	10/29/2014	14/99276.2	3077089	02/28/2018	3077089
75464-US-PCT	United States Of America	COMPOSITE POLYAMIDE MEMBRANE TREATED WITH DIHYDROXYARYL COMPOUNDS AND NITROUS ACID	DOW GLOBAL TECHNOLOGIES LLC	10/29/2014	15/030506	2016-0271569	09/27/2016	9452391
75575-BR-PCT	Brazil	EXTRACTION OF VALUABLE COMPONENTS FROM CANE VINASSE	DOW GLOBAL TECHNOLOGIES LLC	12/09/2014	112016013647-0			
75576-BR-PCT	Brazil	EXTRACTION OF POLYCOSANOL FROM CANE VINASSE	DOW GLOBAL TECHNOLOGIES LLC	12/09/2014	112016012763-3			

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75599-CN-PCT	China	COMPOSITE POLYAMIDE MEMBRANE POST TREATED WITH NITRIOUS ACID	DOW GLOBAL TECHNOLOGIES LLC	10/29/2014	201480062096.2	105873665		
75599-DE-EPT	Germany	COMPOSITE POLYAMIDE MEMBRANE POST TREATED WITH NITRIOUS ACID	DOW GLOBAL TECHNOLOGIES LLC	10/29/2014	14799275.4	3077088	12/27/2017	602014019200.9
75599-EP-EPT	European Procedure (Patents)	COMPOSITE POLYAMIDE MEMBRANE POST TREATED WITH NITRIOUS ACID	DOW GLOBAL TECHNOLOGIES LLC	10/29/2014	14799275.4	3077088	12/27/2017	3077088
75599-ES-EPT	Spain	COMPOSITE POLYAMIDE MEMBRANE POST TREATED WITH NITRIOUS ACID	DOW GLOBAL TECHNOLOGIES LLC	10/29/2014	14799275.4	3077088	12/27/2017	3077088
75599-IN-PCT	India	COMPOSITE POLYAMIDE MEMBRANE POST TREATED WITH NITRIOUS ACID	DOW GLOBAL TECHNOLOGIES LLC	10/29/2014	201617021101			
75599-JP-PCT	Japan	COMPOSITE POLYAMIDE MEMBRANE POST TREATED WITH NITRIOUS ACID	DOW GLOBAL TECHNOLOGIES LLC	10/29/2014	2016-533194	2016-539787		
75599-NL-EPT	Netherlands	COMPOSITE POLYAMIDE MEMBRANE POST TREATED WITH NITRIOUS ACID	DOW GLOBAL TECHNOLOGIES LLC	10/29/2014	14799275.4	3077088	12/27/2017	3077088
75599-US-PCT	United States Of America	COMPOSITE POLYAMIDE MEMBRANE POST TREATED WITH NITRIOUS ACID	DOW GLOBAL TECHNOLOGIES LLC	10/29/2014	15/030919	2016-0271567	11/07/2017	9808769
75644-CA-PCT	Canada	SEPARATION OF HYDROCARBONS FROM AQUEOUS MIXTURE USING FOULING RESISTANT REVERSE OSMOSIS MEMBRANE	DOW GLOBAL TECHNOLOGIES LLC	12/15/2014	2935697			
75644-CN-PCT	China	HYDROCARBONS FROM AQUEOUS MIXTURE USING FOULING RESISTANT REVERSE OSMOSIS MEMBRANE	DOW GLOBAL TECHNOLOGIES LLC	12/15/2014	201480070703.X	105848758		
75739-CA-PCT	Canada	DESALINATION OF AQUEOUS MIXTURE CONTAINING NANOSIZED PARTICLES USING FOULING RESISTANT REVERSE OSMOSIS MEMBRANE	DOW GLOBAL TECHNOLOGIES LLC	12/15/2014	2935685			
75739-CN-PCT	China	DESALINATION OF AQUEOUS MIXTURE CONTAINING NANOSIZED PARTICLES USING FOULING RESISTANT REVERSE OSMOSIS MEMBRANE	DOW GLOBAL TECHNOLOGIES LLC	12/15/2014	201480070908.8	105848759		

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75739-EP-EPT	European Procedure (Patents)	DESALINATION OF AQUEOUS MIXTURE CONTAINING NANO-SIZED PARTICLES USING FOULING RESISTANT REVERSE OSMOSIS MEMBRANE	DOW GLOBAL TECHNOLOGIES LLC	12/15/2014	14825017.8	3092056	08/01/2018	3092056
75739-GB-EPT	United Kingdom	DESALINATION OF AQUEOUS MIXTURE CONTAINING NANO-SIZED PARTICLES USING FOULING RESISTANT REVERSE OSMOSIS MEMBRANE	DOW GLOBAL TECHNOLOGIES LLC	12/15/2014	14825017.8	3092056	08/01/2018	3092056
75739-IN-PCT	India	DESALINATION OF AQUEOUS MIXTURE CONTAINING NANO-SIZED PARTICLES USING FOULING RESISTANT REVERSE OSMOSIS MEMBRANE	DOW GLOBAL TECHNOLOGIES LLC	12/15/2014	2016I7024351			
75809-CA-PCT	Canada	TREATMENT OF AQUEOUS MIXTURES CONTAINING ANIONIC SURFACTANTS USING FOULING RESISTANT REVERSE OSMOSIS MEMBRANE	DOW GLOBAL TECHNOLOGIES LLC	12/15/2014	2935680			
75809-DE-EPT	Germany	TREATMENT OF AQUEOUS MIXTURES CONTAINING ANIONIC SURFACTANTS USING FOULING RESISTANT REVERSE OSMOSIS MEMBRANE	DOW GLOBAL TECHNOLOGIES LLC	12/15/2014	14828600.8	3092057	09/19/2018	3092057
75809-EP-EPT	European Procedure (Patents)	TREATMENT OF AQUEOUS MIXTURES CONTAINING ANIONIC SURFACTANTS USING FOULING RESISTANT REVERSE OSMOSIS MEMBRANE	DOW GLOBAL TECHNOLOGIES LLC	12/15/2014	14828600.8	3092057	09/19/2018	3092057
75845-AU-PCT	Australia	COMPOSITE POLYAMIDE MEMBRANE HAVING PREFERRED AZO CONTENT	DOW GLOBAL TECHNOLOGIES LLC	12/15/2014	2014376253			
75845-CN-PCT	China	COMPOSITE POLYAMIDE MEMBRANE HAVING PREFERRED AZO CONTENT	DOW GLOBAL TECHNOLOGIES LLC	12/15/2014	201480071026.3	105848765		
75845-DE-EPT	Germany	COMPOSITE POLYAMIDE MEMBRANE HAVING PREFERRED AZO CONTENT	DOW GLOBAL TECHNOLOGIES LLC	12/15/2014	14821449.7	3092062	05/30/2018	3092062
75845-EP-EPT	European Procedure (Patents)	COMPOSITE POLYAMIDE MEMBRANE HAVING PREFERRED AZO CONTENT	DOW GLOBAL TECHNOLOGIES LLC	12/15/2014	14821449.7	3092062	05/30/2018	3092062

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75845-ES-EPT	Spain	COMPOSITE POLYAMIDE MEMBRANE HAVING PREFERRED AZO CONTENT	DOW GLOBAL TECHNOLOGIES LLC	12/15/2014	14821449.7	3092062	05/30/2018	3092062
75845-FR-EPT	France	MEMBRANE HAVING PREFERRED AZO CONTENT	DOW GLOBAL TECHNOLOGIES LLC	12/15/2014	14821449.7	3092062	05/30/2018	3092062
75845-IL-PCT	Israel	COMPOSITE POLYAMIDE MEMBRANE HAVING PREFERRED AZO CONTENT	DOW GLOBAL TECHNOLOGIES LLC	12/15/2014	246389			
75845-IN-PCT	India	MEMBRANE HAVING PREFERRED AZO CONTENT	DOW GLOBAL TECHNOLOGIES LLC	12/15/2014	201617024352			
75845-IT-EPT	Italy	COMPOSITE POLYAMIDE MEMBRANE HAVING PREFERRED AZO CONTENT	DOW GLOBAL TECHNOLOGIES LLC	12/15/2014	14821449.7	3092062	05/30/2018	502018000025590
75845-JP-PCT	Japan	COMPOSITE POLYAMIDE MEMBRANE HAVING PREFERRED AZO CONTENT	DOW GLOBAL TECHNOLOGIES LLC	12/15/2014	2016-542762	2017-503645		
75845-NL-EPT	Netherlands	COMPOSITE POLYAMIDE MEMBRANE HAVING PREFERRED AZO CONTENT	DOW GLOBAL TECHNOLOGIES LLC	12/15/2014	14821449.7	3092062	05/30/2018	3092062
75845-US-PCT	United States Of America	COMPOSITE POLYAMIDE MEMBRANE HAVING PREFERRED AZO CONTENT	DOW GLOBAL TECHNOLOGIES LLC	12/15/2014	15/102879	2016-0303520	01/31/2017	9555378
75846-CN-PCT	China	COMPOSITE POLYAMIDE MEMBRANE HAVING PREFERRED AZO CONTENT	DOW GLOBAL TECHNOLOGIES LLC	12/15/2014	201480071410.3	105873666		
75846-EP-EPT	European Procedure (Patents)	COMPOSITE POLYAMIDE MEMBRANE HAVING PREFERRED AZO CONTENT	DOW GLOBAL TECHNOLOGIES LLC	12/15/2014	14821448.9	3092061		
75846-IN-PCT	India	COMPOSITE POLYAMIDE MEMBRANE HAVING PREFERRED AZO CONTENT	DOW GLOBAL TECHNOLOGIES LLC	12/15/2014	201617024870			
75846-JP-PCT	Japan	COMPOSITE POLYAMIDE MEMBRANE HAVING PREFERRED AZO CONTENT	DOW GLOBAL TECHNOLOGIES LLC	12/15/2014	2016-542894	2017-503646		
75846-KR-PCT	SOUTH KOREA	COMPOSITE POLYAMIDE MEMBRANE HAVING PREFERRED AZO CONTENT	DOW GLOBAL TECHNOLOGIES LLC	12/15/2014	10-2016-7019993			

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75846-US-PCT	United States Of America	COMPOSITE POLYAMIDE MEMBRANE HAVING HIGH ACID CONTENT AND LOW AZO CONTENT	DOW GLOBAL TECHNOLOGIES LLC	12/15/2014	15/033936	2016-0317980	04/11/2017	9616392
75848-CA-PCT	Canada	COMPOSITE POLYAMIDE MEMBRANE HAVING AZO CONTENT AND HIGH ACID CONTENT	DOW GLOBAL TECHNOLOGIES LLC	12/15/2014	2935699			
75848-CN-PCT	China	COMPOSITE POLYAMIDE MEMBRANE HAVING AZO CONTENT AND HIGH ACID CONTENT	DOW GLOBAL TECHNOLOGIES LLC	12/15/2014	201480071398.6	105899283		
75848-DE-EPT	Germany	COMPOSITE POLYAMIDE MEMBRANE HAVING AZO CONTENT AND HIGH ACID CONTENT	DOW GLOBAL TECHNOLOGIES LLC	12/15/2014	14821447.1	3092060	07/25/2018	3092060
75848-EP-EPT	European Procedure (Patents)	COMPOSITE POLYAMIDE MEMBRANE HAVING AZO CONTENT AND HIGH ACID CONTENT	DOW GLOBAL TECHNOLOGIES LLC	12/15/2014	14821447.1	3092060	07/25/2018	3092060
75848-ES-EPT	Spain	COMPOSITE POLYAMIDE MEMBRANE HAVING AZO CONTENT AND HIGH ACID CONTENT	DOW GLOBAL TECHNOLOGIES LLC	12/15/2014	14821447.1	3092060	07/25/2018	3092060
75848-FR-EPT	France	COMPOSITE POLYAMIDE MEMBRANE HAVING AZO CONTENT AND HIGH ACID CONTENT	DOW GLOBAL TECHNOLOGIES LLC	12/15/2014	14821447.1	3092060	07/25/2018	3092060
75848-IN-PCT	India	COMPOSITE POLYAMIDE MEMBRANE HAVING AZO CONTENT AND HIGH ACID CONTENT	DOW GLOBAL TECHNOLOGIES LLC	12/15/2014	201617024542			
75848-IT-EPT	Italy	COMPOSITE POLYAMIDE MEMBRANE HAVING AZO CONTENT AND HIGH ACID CONTENT	DOW GLOBAL TECHNOLOGIES LLC	12/15/2014	14821447.1	3092060	07/25/2018	3092060
75848-JP-PCT	Japan	COMPOSITE POLYAMIDE MEMBRANE HAVING AZO CONTENT AND HIGH ACID CONTENT	DOW GLOBAL TECHNOLOGIES LLC	12/15/2014	2016-542974	2017-503648		
75848-KR-PCT	SOUTH KOREA	COMPOSITE POLYAMIDE MEMBRANE HAVING AZO CONTENT AND HIGH ACID CONTENT	DOW GLOBAL TECHNOLOGIES LLC	12/15/2014	10-2016-7020100			

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75848-NL-EPT	Netherlands	COMPOSITE POLYAMIDE MEMBRANE HAVING AZO CONTENT AND HIGH ACID CONTENT	DOW GLOBAL TECHNOLOGIES LLC	12/15/2014	14821447.1	30920660	07/25/2018	30920660
75848-US-PCT	United States Of America	COMPOSITE POLYAMIDE MEMBRANE HAVING AZO CONTENT AND HIGH ACID CONTENT	DOW GLOBAL TECHNOLOGIES LLC	12/15/2014	15/102882	2016-0310909	05/29/2018	9981227
75864-CN-PCT	China	COMPOSITE POLYAMIDE MEMBRANE INCLUDING CELLULOSE-BASED QUATERNARY AMMONIUM COATING	DOW GLOBAL TECHNOLOGIES LLC	01/26/2015	201580004554.1	105916573		
75864-IN-PCT	India	COMPOSITE POLYAMIDE MEMBRANE INCLUDING QUATERNARY AMMONIUM COATING	DOW GLOBAL TECHNOLOGIES LLC	01/26/2015	201617026366			
75905-CA-PCT	Canada	CROSS-FLOW FILTER ASSEMBLY WITH IMPROVED CLEANING ASSEMBLY	DOW GLOBAL TECHNOLOGIES LLC	12/03/2014	2942341			
75905-CN-PCT	China	CROSS-FLOW FILTER ASSEMBLY WITH IMPROVED CLEANING ASSEMBLY	DOW GLOBAL TECHNOLOGIES LLC	12/03/2014	201480076769.X	106132498		
75905-US-PCT	United States Of America	CROSS-FLOW FILTER ASSEMBLY WITH IMPROVED CLEANING ASSEMBLY	DOW GLOBAL TECHNOLOGIES LLC	12/03/2014	15/118916	2016-0375380		
75917-CA-PCT	Canada	HYDROCLONE WITH IMPROVED CLEANING ASSEMBLY	DOW GLOBAL TECHNOLOGIES LLC	12/03/2014	2938030			
75917-CN-PCT	China	HYDROCLONE WITH IMPROVED CLEANING ASSEMBLY	DOW GLOBAL TECHNOLOGIES LLC	12/03/2014	201480074668.9	105960286		
75917-US-PCT	United States Of America	HYDROCLONE WITH IMPROVED CLEANING ASSEMBLY	DOW GLOBAL TECHNOLOGIES LLC	12/03/2014	14/428056	2015-0263589	12/27/2016	9527091
76056-CN-PCT	China	SPIRAL WOUND MEMBRANE MODULE ADAPTED FOR HIGH RECOVERY	DOW GLOBAL TECHNOLOGIES LLC	03/18/2015	201580015727.X	106170332		
76056-IN-PCT	India	SPIRAL WOUND MEMBRANE MODULE ADAPTED FOR HIGH RECOVERY	DOW GLOBAL TECHNOLOGIES LLC	03/18/2015	201617035945			
76056-US-PCT	United States Of America	SPIRAL WOUND MEMBRANE MODULE ADAPTED FOR HIGH RECOVERY	DOW GLOBAL TECHNOLOGIES LLC	03/18/2015	15/120271	2017-0056832		

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76212-CN-PCT	China	COMPOSITE POLYAMIDE MEMBRANE POST-TREATED WITH NITROUS ACID	DOW GLOBAL TECHNOLOGIES LLC	04/07/2015	201580020519.9		106257977	
76212-JP-PCT	Japan	COMPOSITE POLYAMIDE MEMBRANE POST-TREATED WITH NITROUS ACID	DOW GLOBAL TECHNOLOGIES LLC	04/07/2015	2016-563180		2017-513703	
76212-KR-PCT	SOUTH KOREA	MEMBRANE POST-TREATED WITH NITROUS ACID	DOW GLOBAL TECHNOLOGIES LLC	04/07/2015	10-2016-7031698		10-2016-0149219	
76212-US-PCT	United States Of America	COMPOSITE POLYAMIDE MEMBRANE POST-TREATED WITH NITROUS ACID	DOW GLOBAL TECHNOLOGIES LLC	04/07/2015	15/300468		2017-0182467	9776141
76213-CN-PCT	China	COMPOSITE POLYAMIDE MEMBRANE POST-TREATED WITH NITROUS ACID	DOW GLOBAL TECHNOLOGIES LLC	05/05/2015	201580022591.5		106232216	
76213-JP-PCT	Japan	COMPOSITE POLYAMIDE MEMBRANE POST-TREATED WITH NITROUS ACID	DOW GLOBAL TECHNOLOGIES LLC	05/05/2015	2016-565406		2017-518174	
76213-KR-PCT	SOUTH KOREA	MEMBRANE POST-TREATED WITH NITROUS ACID	DOW GLOBAL TECHNOLOGIES LLC	05/05/2015	10-2016-7033369		10-2017-0009883	
76213-US-PCT	United States Of America	COMPOSITE POLYAMIDE MEMBRANE POST-TREATED WITH NITROUS ACID	DOW GLOBAL TECHNOLOGIES LLC	05/05/2015	15/301981		2017-0203259	9943810
76246-CN-PCT	China	SPIRAL WOUND MODULE WITH INTEGRATED PERMEATE FLOW CONTROLLER	DOW GLOBAL TECHNOLOGIES LLC	05/05/2015	201580026890.6		106413863	
76246-DE-EPT	Germany	SPIRAL WOUND MODULE WITH INTEGRATED PERMEATE FLOW CONTROLLER	DOW GLOBAL TECHNOLOGIES LLC					
76246-EP-EPT	European Procedure (Patents)	SPIRAL WOUND MODULE WITH INTEGRATED PERMEATE FLOW CONTROLLER	DOW GLOBAL TECHNOLOGIES LLC	05/05/2015	15721998.1		3142776	
76246-GB-EPT	United Kingdom	SPIRAL WOUND MODULE WITH INTEGRATED PERMEATE FLOW CONTROLLER	DOW GLOBAL TECHNOLOGIES LLC					
76246-IN-PCT	India	SPIRAL WOUND MODULE WITH INTEGRATED PERMEATE FLOW CONTROLLER	DOW GLOBAL TECHNOLOGIES LLC	05/05/2015	201617041608			

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76246-JP-PCT	Japan	SPIRAL WOUND MODULE WITH INTEGRATED PERMEATE FLOW CONTROLLER	DOW GLOBAL TECHNOLOGIES LLC	05/05/2015	2016-566952	2017-515670		
76246-KR-PCT	SOUTH KOREA	SPIRAL WOUND MODULE WITH INTEGRATED PERMEATE FLOW CONTROLLER	DOW GLOBAL TECHNOLOGIES LLC	05/05/2015	10-2016-7033539	10-2017-0005037		
76246-MX-PCT	Mexico	SPIRAL WOUND MODULE WITH INTEGRATED PERMEATE FLOW CONTROLLER	DOW GLOBAL TECHNOLOGIES LLC	05/05/2015	MX/a/2016/014544			
76313-AU-PCT	Australia	COMPOSITE POLYAMIDE MEMBRANE POST TREATED WITH NITROUS ACID	DOW GLOBAL TECHNOLOGIES LLC	05/05/2015	2015259613			
76313-CN-PCT	China	COMPOSITE POLYAMIDE MEMBRANE POST TREATED WITH NITROUS ACID	DOW GLOBAL TECHNOLOGIES LLC	05/05/2015	201580021647.5	106232214		
76313-DE-EPT	Germany	COMPOSITE POLYAMIDE MEMBRANE POST TREATED WITH NITROUS ACID	DOW GLOBAL TECHNOLOGIES LLC					
76313-EP-EPT	European Procedure (Patents)	COMPOSITE POLYAMIDE MEMBRANE POST TREATED WITH NITROUS ACID	DOW GLOBAL TECHNOLOGIES LLC	05/05/2015	15723616.7	3142777		
76313-ES-EPT	Spain	COMPOSITE POLYAMIDE MEMBRANE POST TREATED WITH NITROUS ACID	DOW GLOBAL TECHNOLOGIES LLC					
76313-IL-PCT	Israel	COMPOSITE POLYAMIDE MEMBRANE POST TREATED WITH NITROUS ACID	DOW GLOBAL TECHNOLOGIES LLC	05/05/2015	248693			
76313-IN-PCT	India	COMPOSITE POLYAMIDE MEMBRANE POST TREATED WITH NITROUS ACID	DOW GLOBAL TECHNOLOGIES LLC	05/05/2015	201617041609			
76313-JP-PCT	Japan	COMPOSITE POLYAMIDE MEMBRANE POST TREATED WITH NITROUS ACID	DOW GLOBAL TECHNOLOGIES LLC	05/05/2015	2016-566746	2017-515667		
76313-KR-PCT	SOUTH KOREA	COMPOSITE POLYAMIDE MEMBRANE POST TREATED WITH NITROUS ACID	DOW GLOBAL TECHNOLOGIES LLC	05/05/2015	10-2016-7033195	10-2017-0007761		
76313-NL-EPT	Netherlands	COMPOSITE POLYAMIDE MEMBRANE POST TREATED WITH NITROUS ACID	DOW GLOBAL TECHNOLOGIES LLC					
76313-WO-PCT	International Procedure	COMPOSITE POLYAMIDE MEMBRANE POST TREATED WITH NITROUS ACID	DOW GLOBAL TECHNOLOGIES LLC	05/05/2015	PCT/US15/029137	WO/2015/175256		

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76323-CN-PCT	China	COMPOSITE POLYAMIDE MEMBRANE POST-TREATED WITH NITRIOUS ACID	DOW GLOBAL TECHNOLOGIES LLC	05/05/2015	201580026896.3		106457160	
76323-JP-PCT	Japan	COMPOSITE POLYAMIDE MEMBRANE POST-TREATED WITH NITRIOUS ACID	DOW GLOBAL TECHNOLOGIES LLC	05/05/2015	2016-566274		2017-515666	
76323-KR-PCT	SOUTH KOREA	COMPOSITE POLYAMIDE MEMBRANE POST-TREATED WITH NITRIOUS ACID	DOW GLOBAL TECHNOLOGIES LLC	05/05/2015	10-2016-7033203		10-2017-0002489	
76689-CN-PCT	China	INCLUDING FILTRATION MODULE SECURED BY ROTATABLE RETAINING RING TREATMENT OF FLUE GAS DESULFURIZATION WASTEWATER	DOW GLOBAL TECHNOLOGIES LLC	10/22/2014	201480082565.7		106804105	
76696-CN-PCT	China	SPRAL WOUND FILTRATION ASSEMBLY INCLUDING INTEGRAL BIOREACTOR	DOW GLOBAL TECHNOLOGIES LLC	11/13/2014	201480082801.5		107073394	
76950-CA-PCT	Canada	SPRAL WOUND FILTRATION ASSEMBLY INCLUDING INTEGRAL BIOREACTOR	DOW GLOBAL TECHNOLOGIES LLC	09/22/2015	2962598			
76950-CN-PCT	China	SPRAL WOUND FILTRATION ASSEMBLY INCLUDING INTEGRAL BIOREACTOR	DOW GLOBAL TECHNOLOGIES LLC	09/22/2015	201580049499.8		106714941	
76950-EP-EPT	European Procedure (Patents)	SPRAL WOUND FILTRATION ASSEMBLY INCLUDING INTEGRAL BIOREACTOR	DOW GLOBAL TECHNOLOGIES LLC	09/22/2015	15777778.0		3197590	3197590
76950-ES-EPT	Spain	SPRAL WOUND FILTRATION ASSEMBLY INCLUDING INTEGRAL BIOREACTOR	DOW GLOBAL TECHNOLOGIES LLC	09/22/2015	15777778.0		3197590	3197590
76950-GB-EPT	United Kingdom	SPRAL WOUND FILTRATION ASSEMBLY INCLUDING INTEGRAL BIOREACTOR	DOW GLOBAL TECHNOLOGIES LLC	09/22/2015	15777778.0		3197590	3197590
76950-JP-PCT	Japan	SPRAL WOUND FILTRATION ASSEMBLY INCLUDING INTEGRAL BIOREACTOR	DOW GLOBAL TECHNOLOGIES LLC	09/22/2015	2017-515944		2017-530001	
76950-US-CNT	United States Of America	SPRAL WOUND FILTRATION ASSEMBLY INCLUDING INTEGRAL BIOREACTOR	DOW GLOBAL TECHNOLOGIES LLC	06/22/2017	15/630204		2017-0283290	
76950-US-PCT	United States Of America	SPRAL WOUND FILTRATION ASSEMBLY INCLUDING INTEGRAL BIOREACTOR	DOW GLOBAL TECHNOLOGIES LLC	09/22/2015	15/501478		2017-0225987	9725344
76954-CN-PCT	China	IN-PLACE CLEANING OF MEMBRANE FILTER MODULE INCORPORATED WITHIN WASHING MACHINE	DOW GLOBAL TECHNOLOGIES LLC	10/08/2014	201480082235.8		106795457	

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77117-CN-PCT	China	WATER TREATMENT ASSEMBLY INCLUDING HYPERFILTRATION MODULE AND CATION EXCHANGE RESIN	DOW GLOBAL TECHNOLOGIES LLC	10/29/2014	201480082761.4	107074599		
77117-IN-PCT	India	WATER TREATMENT ASSEMBLY INCLUDING HYPERFILTRATION MODULE AND CATION EXCHANGE RESIN	DOW GLOBAL TECHNOLOGIES LLC	10/29/2014	201717015983	201717015983		
77117-KR-PCT	SOUTH KOREA	WATER TREATMENT ASSEMBLY INCLUDING HYPERFILTRATION MODULE AND CATION EXCHANGE RESIN	DOW GLOBAL TECHNOLOGIES LLC	10/29/2014	10-2017-7012366	10-2017-0065651		
77117-US-PCT	United States Of America	WATER TREATMENT ASSEMBLY INCLUDING HYPERFILTRATION MODULE AND CATION EXCHANGE RESIN	DOW GLOBAL TECHNOLOGIES LLC	10/29/2014	15/512421	2017-0247266	08/07/2018	10040704
77184-CN-PCT	China	POLYMERS OF INTRINSIC MICROPOROSITY	DOW GLOBAL TECHNOLOGIES LLC	02/26/2016	201680014117.2	107406591		
77184-EP-EPT	European Procedure (Patents)	POLYMERS OF INTRINSIC MICROPOROSITY	DOW GLOBAL TECHNOLOGIES LLC	02/26/2016	16709638.7	3271414		
77184-US-PCT	United States Of America	POLYMERS OF INTRINSIC MICROPOROSITY	DOW GLOBAL TECHNOLOGIES LLC	02/26/2016	15/543348	2017-0369652	03/20/2018	9920168
77184-WO-PCT	International Procedure	POLYMERS OF INTRINSIC MICROPOROSITY	DOW GLOBAL TECHNOLOGIES LLC	02/26/2016	PCT/US16/019723	WO/2016/148869		
77334-CN-PCT	China	CHROMATOGRAPHIC SEPARATION OF SACCHARIDES USING POLYMERIC MACROPOROUS ALKYLENE-BRIDGED RESIN	DOW GLOBAL TECHNOLOGIES LLC	02/26/2016	201680014002.3	107427741		
77334-EP-EPT	European Procedure (Patents)	MACROPOROUS ALKYLENE-BRIDGED RESIN	DOW GLOBAL TECHNOLOGIES LLC	02/26/2016	16708577.8	3268101		
77334-US-PCT	United States Of America	CHROMATOGRAPHIC SEPARATION OF SACCHARIDES USING POLYMERIC MACROPOROUS ALKYLENE-BRIDGED RESIN	DOW GLOBAL TECHNOLOGIES LLC	02/26/2016	15/542128	US-2018-0257003-A1		
77353-CA-PCT	Canada	CYLINDRICAL FILTER SCREEN WITH TENSIONING MECHANISM	DOW GLOBAL TECHNOLOGIES LLC	11/24/2015	2971175			

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PATENT NUMBER	CO-PATENT	CLASS	INVENTOR	INVENTOR NAME	APPL. NUMBER	FILED DATE	GRANT NUMBER	GRANT DATE	GRANT NUMBER
77353-CN-PCT	China	CYLINDRICAL FILTER SCREEN WITH TENSIONING MECHANISM	DOW GLOBAL TECHNOLOGIES LLC		201580066489.5	1/12/2015	106699814		
77353-EP-EPT	European Procedure (Patents)	CYLINDRICAL FILTER SCREEN WITH TENSIONING MECHANISM	DOW GLOBAL TECHNOLOGIES LLC		15816935.9	1/12/2015	3237456		
77353-US-PCT	United States Of America	CYLINDRICAL FILTER SCREEN WITH TENSIONING MECHANISM	DOW GLOBAL TECHNOLOGIES LLC		15525535	1/12/2015	2017-0368481		
77354-CN-PCT	China	SUSPENSIONS IN AQUEOUS MEDIA	TECHNOLOGIES LLC		201580066491.2	12/15/2015			
77354-DE-EPT	Germany	SUSPENSIONS IN AQUEOUS MEDIA	DOW GLOBAL TECHNOLOGIES LLC		15830918.7	12/15/2015	3237456		
77354-EP-EPT	European Procedure (Patents)	SUSPENSIONS IN AQUEOUS MEDIA	TECHNOLOGIES LLC		15830918.7	12/15/2015	3237456		
77354-FR-EPT	France	SUSPENSIONS IN AQUEOUS MEDIA	TECHNOLOGIES LLC		15830918.7	12/15/2015	3237456		
77354-IN-PCT	India	SUSPENSIONS IN AQUEOUS MEDIA	TECHNOLOGIES LLC		201717023213	12/15/2015	201717023213		
77354-IT-EPT	Italy	SUSPENSIONS IN AQUEOUS MEDIA	DOW GLOBAL TECHNOLOGIES LLC		15830918.7	12/15/2015	3237456		
77354-JP-PCT	Japan	SUSPENSIONS IN AQUEOUS MEDIA	TECHNOLOGIES LLC		2017-531717	12/15/2015	2017-538017		
77354-KR-PCT	SOUTH KOREA	SUSPENSIONS IN AQUEOUS MEDIA	DOW GLOBAL TECHNOLOGIES LLC		10-2017-7018282	12/15/2015			
77354-RO-EPT	Romania	SUSPENSIONS IN AQUEOUS MEDIA	TECHNOLOGIES LLC		15830918.7	12/15/2015	3237456		
77354-RU-PCT	Russian Federation	SUSPENSIONS IN AQUEOUS MEDIA	TECHNOLOGIES LLC		2017123739	12/15/2015			
77354-US-PCT	United States Of America	SUSPENSIONS IN AQUEOUS MEDIA	DOW GLOBAL TECHNOLOGIES LLC		15/536735	12/15/2015	2017-0369600	03/20/2018	9920139
77354-WO-PCT	International Procedure	SUSPENSIONS IN AQUEOUS MEDIA	DOW GLOBAL TECHNOLOGIES LLC		PCT/US15/065653	12/15/2015	WO/2016/106005		
77366-CN-PCT	China	SUSPENSIONS IN AQUEOUS MEDIA	TECHNOLOGIES LLC		201580066996.9	12/15/2015			
77366-DE-EPT	Germany	SUSPENSIONS IN AQUEOUS MEDIA	DOW GLOBAL TECHNOLOGIES LLC		15830919.5	12/15/2015	3237457		
77366-EP-EPT	European Procedure (Patents)	SUSPENSIONS IN AQUEOUS MEDIA	DOW GLOBAL TECHNOLOGIES LLC		15830919.5	12/15/2015	3237457		
77366-FR-EPT	France	SUSPENSIONS IN AQUEOUS MEDIA	TECHNOLOGIES LLC		15830919.5	12/15/2015	3237457		
77366-IN-PCT	India	SUSPENSIONS IN AQUEOUS MEDIA	TECHNOLOGIES LLC		201717022825	12/15/2015	201717022825		

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT DATE	GRANT NUMBER
77366-IT-EPT	Italy	SUSPENSIONS IN AQUEOUS MEDIA SUSPENSIONS IN AQUEOUS MEDIA	DOW GLOBAL TECHNOLOGIES LLC DOW GLOBAL	12/15/2015	15830919.5		3237457	
77366-JP-PCT	Japan	MEDIA SUSPENSIONS IN AQUEOUS MEDIA	TECHNOLOGIES LLC DOW GLOBAL	12/15/2015	2017-531311		2017-538012	
77366-KR-PCT	SOUTH KOREA	MEDIA SUSPENSIONS IN AQUEOUS MEDIA	DOW GLOBAL TECHNOLOGIES LLC DOW GLOBAL	12/15/2015	10-2017-7018283			
77366-RO-EPT	Romania	MEDIA SUSPENSIONS IN AQUEOUS MEDIA	TECHNOLOGIES LLC DOW GLOBAL	12/15/2015	15830919.5		3237457	
77366-RU-PCT	Russian Federation United States Of	MEDIA SUSPENSIONS IN AQUEOUS MEDIA	DOW GLOBAL TECHNOLOGIES LLC DOW GLOBAL	12/15/2015	2017123625			
77366-US-PCT	America	MEDIA SUSPENSIONS IN AQUEOUS MEDIA	TECHNOLOGIES LLC DOW GLOBAL	12/15/2015	15/537441	2018-0002465	04/17/2018	9944737
77366-WO-PCT	International Procedure	SEPARATION OF NITROGEN FROM HYDROCARBON GAS SULFONATED MACROPOROUS ION EXCHANGE RESIN	DOW GLOBAL TECHNOLOGIES LLC	12/15/2015	PCT/US15/065654	WO/2016/106006		
77402-CA-PCT	Canada	SEPARATION OF NITROGEN FROM HYDROCARBON GAS USING PYROLYZED SULFONATED MACROPOROUS ION EXCHANGE RESIN	DOW GLOBAL TECHNOLOGIES LLC	01/06/2016	2974946			
77402-EA-EAT	Eurasian Procedure	SULFONATED MACROPOROUS ION EXCHANGE RESIN SEPARATION OF NITROGEN FROM HYDROCARBON GAS USING PYROLYZED	DOW GLOBAL TECHNOLOGIES LLC	01/06/2016	201791685			
77402-US-PCT	United States Of America	SULFONATED MACROPOROUS ION EXCHANGE RESIN USING PYROLYZED	DOW GLOBAL TECHNOLOGIES LLC	01/06/2016	15/535434	2017-0368493		
77510-CN-PCT	China	METHOD OF PURIFYING WATER	DOW GLOBAL TECHNOLOGIES LLC	09/14/2016	201680050305.0			
77510-EP-EPT	European Procedure (Patents)	METHOD OF PURIFYING WATER	DOW GLOBAL TECHNOLOGIES LLC	09/14/2016	16770622.5		3350129	
77510-IN-PCT	India	METHOD OF PURIFYING WATER	DOW GLOBAL TECHNOLOGIES LLC	09/14/2016	201817012497			
77510-JP-PCT	Japan	METHOD OF PURIFYING WATER	TECHNOLOGIES LLC	09/14/2016	2018-510046			
77510-RU-PCT	Russian Federation United States Of	METHOD OF PURIFYING WATER	DOW GLOBAL TECHNOLOGIES LLC DOW GLOBAL	09/14/2016	2018111434			
77510-US-PCT	America	METHOD OF PURIFYING WATER	TECHNOLOGIES LLC	09/14/2016	15/757052	US-2018-0244544-A1		
77512-CN-PCT	China	METHOD OF PURIFYING WATER	DOW GLOBAL TECHNOLOGIES LLC	09/14/2016	201680050309.9			

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77512-EP-EPT	European Procedure (Patents)	METHOD OF PURIFYING WATER	DOW GLOBAL TECHNOLOGIES LLC	09/14/2016	16770178.8		3350127
77512-IN-PCT	India	METHOD OF PURIFYING WATER	DOW GLOBAL TECHNOLOGIES LLC	09/14/2016	201817012692		
77512-JP-PCT	Japan	METHOD OF PURIFYING WATER	TECHNOLOGIES LLC	09/14/2016	2018-510053		
77512-RU-PCT	Russian Federation United States Of	METHOD OF PURIFYING WATER	DOW GLOBAL TECHNOLOGIES LLC	09/14/2016	2018111435		
77512-US-PCT	America	METHOD OF PURIFYING WATER	TECHNOLOGIES LLC	09/14/2016	15/757045		
77513-CN-PCT	China	METHOD OF PURIFYING WATER	DOW GLOBAL TECHNOLOGIES LLC	09/14/2016	201680050055.0		
77513-EP-EPT	European Procedure (Patents)	METHOD OF PURIFYING WATER	DOW GLOBAL TECHNOLOGIES LLC	09/14/2016	16770179.6		3350128
77513-IN-PCT	India	METHOD OF PURIFYING WATER	DOW GLOBAL TECHNOLOGIES LLC	09/14/2016	201817012690		
77513-JP-PCT	Japan	METHOD OF PURIFYING WATER	TECHNOLOGIES LLC	09/14/2016	2018-513451		
77513-RU-PCT	Russian Federation United States Of	METHOD OF PURIFYING WATER	DOW GLOBAL TECHNOLOGIES LLC	09/14/2016	2018111438		
77513-US-PCT	America	METHOD OF PURIFYING WATER	TECHNOLOGIES LLC	09/14/2016	15/757050		
77533-AU-PCT	Australia	SUBMERGED HYPERFILTRATION SYSTEM	DOW GLOBAL TECHNOLOGIES LLC	01/20/2016	2016218454		
77533-BR-PCT	Brazil	HYPERFILTRATION SYSTEM	TECHNOLOGIES LLC	01/20/2016	112017016351.9		
77533-US-PCT	United States Of America	SUBMERGED HYPERFILTRATION SYSTEM	DOW GLOBAL TECHNOLOGIES LLC	01/20/2016	15/540499		2018-0001263
77587-CN-PCT	China	INTRINSIC MICROPOROSITY	TECHNOLOGIES LLC	06/24/2015	201580080880.0		107636051
77587-DE-PCT	Germany	ISATIN COPOLYMERS HAVING INTRINSIC MICROPOROSITY	DOW GLOBAL TECHNOLOGIES LLC	06/24/2015	112015006647.0		112015006647.0
77587-US-PCT	United States Of America	ISATIN COPOLYMERS HAVING INTRINSIC MICROPOROSITY	DOW GLOBAL TECHNOLOGIES LLC	06/24/2015	15/563976		2018-0142065
77587-WO-PCT	International Procedure	ISATIN COPOLYMERS HAVING INTRINSIC MICROPOROSITY CHROMATOGRAPHIC SEPARATION OF SACCHARIDES USING STRONG ACID EXCHANGE RESIN INCORPORATING PRECIPITATED BARIUM SULFATE	DOW GLOBAL TECHNOLOGIES LLC	06/24/2015	PCT/CN15/082173	WO/2016/206008	
77623-DE-EPT	Germany			02/26/2016	16711061.8		3268102

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77623-EP-EPT	European Procedure (Patents)	CHROMATOGRAPHIC SEPARATION OF SACCHARIDES USING STRONG ACID EXCHANGE RESIN INCORPORATING PRECIPITATED BARIUM SULFATE	DOW GLOBAL TECHNOLOGIES LLC	02/26/2016	16711061.8		3268102	
		CHROMATOGRAPHIC SEPARATION OF SACCHARIDES USING STRONG ACID EXCHANGE RESIN INCORPORATING PRECIPITATED BARIUM SULFATE	DOW GLOBAL TECHNOLOGIES LLC	02/26/2016	16711061.8		3268102	
77623-FR-EPT	France	CHROMATOGRAPHIC SEPARATION OF SACCHARIDES USING STRONG ACID EXCHANGE RESIN INCORPORATING PRECIPITATED BARIUM SULFATE	DOW GLOBAL TECHNOLOGIES LLC	02/26/2016	16711061.8		3268102	
		CHROMATOGRAPHIC SEPARATION OF SACCHARIDES USING STRONG ACID EXCHANGE RESIN INCORPORATING PRECIPITATED BARIUM SULFATE	DOW GLOBAL TECHNOLOGIES LLC	02/26/2016	16711061.8		3268102	
77623-GB-EPT	United Kingdom International Procedure	TREATING VINYL AROMATIC RESIN	DOW GLOBAL TECHNOLOGIES LLC	06/19/2017	PCT/US17/038123	WO/2017/222978		
		VINYL AROMATIC RESIN	DOW GLOBAL TECHNOLOGIES LLC	06/19/2017	PCT/US17/038123	WO/2017/222978		
77632-WO-PCT	International Procedure	FILTRATION ASSEMBLY INCLUDING SPIRAL WOUND BIOREACTORS AND MEMBRANE MODULES POSITIONED IN SEPARATE PRESSURE VESSELS	DOW GLOBAL TECHNOLOGIES LLC	09/22/2015	201580078787.6			
		FILTRATION ASSEMBLY INCLUDING SPIRAL WOUND BIOREACTORS AND MEMBRANE MODULES POSITIONED IN SEPARATE PRESSURE VESSELS	DOW GLOBAL TECHNOLOGIES LLC	09/22/2015	201580078787.6			
77634-WO-PCT	International Procedure	FILTRATION ASSEMBLY INCLUDING SPIRAL WOUND BIOREACTORS AND MEMBRANE MODULES POSITIONED IN SEPARATE PRESSURE VESSELS	DOW GLOBAL TECHNOLOGIES LLC	09/22/2015	15774815.3	3283197		
		FILTRATION ASSEMBLY INCLUDING SPIRAL WOUND BIOREACTORS AND MEMBRANE MODULES POSITIONED IN SEPARATE PRESSURE VESSELS	DOW GLOBAL TECHNOLOGIES LLC	09/22/2015	15774815.3	3283197		
77679-IN-PCT	India	FILTRATION ASSEMBLY INCLUDING SPIRAL WOUND BIOREACTORS AND MEMBRANE MODULES POSITIONED IN SEPARATE PRESSURE VESSELS	DOW GLOBAL TECHNOLOGIES LLC	09/22/2015	201717038307	201717038307		
		FILTRATION ASSEMBLY INCLUDING SPIRAL WOUND BIOREACTORS AND MEMBRANE MODULES POSITIONED IN SEPARATE PRESSURE VESSELS	DOW GLOBAL TECHNOLOGIES LLC	09/22/2015	201717038307	201717038307		

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PATENT NUMBER	COUNTRY	TITLE	OWNER	FILING DATE	APP. NUMBER	PRI. NUMBER	GRANT NUMBER
77679-US-PCT	United States Of America	FILTRATION ASSEMBLY INCLUDING SPIRAL WOUND BIOREACTORS AND MEMBRANE MODULES POSITIONED IN SEPARATE PRESSURE VESSELS	DOW GLOBAL TECHNOLOGIES LLC	09/22/2015	15/552447		2018-0043309
77679-WO-PCT	International Procedure	FILTRATION ASSEMBLY INCLUDING SPIRAL WOUND BIOREACTORS AND MEMBRANE MODULES POSITIONED IN SEPARATE PRESSURE VESSELS	DOW GLOBAL TECHNOLOGIES LLC	09/22/2015	PCT/US15/051297		WO/2016/167831
77769-CN-PCT	China	FILTRATION ASSEMBLY INCLUDING SPIRAL WOUND BIOREACTORS AND HYPERFILTRATION MEMBRANE MODULES	DOW GLOBAL TECHNOLOGIES LLC	09/22/2015	201580078867.1		107531526
77769-EP-EPT	European Procedure (Patents)	FILTRATION ASSEMBLY INCLUDING SPIRAL WOUND BIOREACTORS AND HYPERFILTRATION MEMBRANE MODULES	DOW GLOBAL TECHNOLOGIES LLC	09/22/2015	15778106.3		3283198
77769-IN-PCT	India	FILTRATION ASSEMBLY INCLUDING SPIRAL WOUND BIOREACTORS AND HYPERFILTRATION MEMBRANE MODULES	DOW GLOBAL TECHNOLOGIES LLC	09/22/2015	201717038308		201717038308
77769-US-PCT	United States Of America	FILTRATION ASSEMBLY INCLUDING SPIRAL WOUND BIOREACTORS AND HYPERFILTRATION MEMBRANE MODULES	DOW GLOBAL TECHNOLOGIES LLC	09/22/2015	15/552977		2018-0036684
77826-CN-PCT	China	FILTRATION ASSEMBLY INCLUDING SPIRAL WOUND BIOREACTORS AND HYPERFILTRATION MEMBRANE MODULES	DOW GLOBAL TECHNOLOGIES LLC	09/22/2015	PCT/US15/051298		WO/2016/167832
77826-DE-PCT	Germany	FILTRATION ASSEMBLY INCLUDING SPIRAL WOUND BIOREACTORS AND HYPERFILTRATION MEMBRANE MODULES	DOW GLOBAL TECHNOLOGIES LLC	09/22/2015	112016002429.0		112016002429.0
77826-US-PCT	United States Of America	FILTRATION ASSEMBLY INCLUDING SPIRAL WOUND BIOREACTORS AND HYPERFILTRATION MEMBRANE MODULES	DOW GLOBAL TECHNOLOGIES LLC	09/22/2015	15/558449		2018-0066103
77826-WO-PCT	International Procedure	FILTRATION ASSEMBLY INCLUDING SPIRAL WOUND BIOREACTORS AND HYPERFILTRATION MEMBRANE MODULES	DOW GLOBAL TECHNOLOGIES LLC	09/22/2015	PCT/US16/032624		WO/2016/195977

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Case Reference	Country	Title	Owner	Filing Date	App. Number	Pub. Number	Grant Date	Grant Number
78137-CN-PCT	China	FILTER ASSEMBLY INCLUDING SPIRAL WOUND MEMBRANE MODULE AND BRINE SEAL	DOW GLOBAL TECHNOLOGIES LLC	07/11/2016	201680041877.2		107847871	
78137-EP-EPT	European Procedure (Patents)	FILTER ASSEMBLY INCLUDING SPIRAL WOUND MEMBRANE MODULE AND BRINE SEAL	DOW GLOBAL TECHNOLOGIES LLC	07/11/2016	16739382.6		3328524	
78137-IN-PCT	India	FILTER ASSEMBLY INCLUDING SPIRAL WOUND MEMBRANE MODULE AND BRINE SEAL	DOW GLOBAL TECHNOLOGIES LLC	07/11/2016	201817004872		201817004872	
78137-JP-PCT	Japan	FILTER ASSEMBLY INCLUDING SPIRAL WOUND MEMBRANE MODULE AND BRINE SEAL	DOW GLOBAL TECHNOLOGIES LLC	07/11/2016	2018-503512		2018-520869	
78137-KR-PCT	SOUTH KOREA	FILTER ASSEMBLY INCLUDING SPIRAL WOUND MEMBRANE MODULE AND BRINE SEAL	DOW GLOBAL TECHNOLOGIES LLC	07/11/2016	10-2018-7004210			
78137-US-PCT	United States Of America	FILTER ASSEMBLY INCLUDING SPIRAL WOUND MEMBRANE MODULE AND BRINE SEAL	DOW GLOBAL TECHNOLOGIES LLC	07/11/2016	15/580182		2018-0141005	
78298-CN-PCT	China	MODULE INCLUDING CONCENTRATE DISTRIBUTOR	DOW GLOBAL TECHNOLOGIES LLC	10/08/2015	201580083266.X		108136291	
78298-EP-EPT	European Procedure (Patents)	MODULE INCLUDING CONCENTRATE DISTRIBUTOR	DOW GLOBAL TECHNOLOGIES LLC	10/08/2015	15905666.2		3359272	
78298-KR-PCT	SOUTH KOREA	MODULE INCLUDING CONCENTRATE DISTRIBUTOR	DOW GLOBAL TECHNOLOGIES LLC	10/08/2015	10-2018-7010818			
78298-SG-PCT	Singapore	MODULE INCLUDING CONCENTRATE DISTRIBUTOR	DOW GLOBAL TECHNOLOGIES LLC	10/08/2015	11201801291R			
78404-TW-NP	Taiwan	ANTIOXIDANT RESIN WITH PROMOTER AND ANTOXIDANT	DOW GLOBAL TECHNOLOGIES LLC	12/11/2017	106143360			
78404-WO-PCT	International Procedure	ANTIOXIDANT RESIN WITH PROMOTER AND ANTOXIDANT	DOW GLOBAL TECHNOLOGIES LLC	12/30/2016	PCT/CN16/113515		WO 2018/120024	
78451-CN-PCT	China	MEMBRANE TREATMENT OF AMMONIA-CONTAINING WASTE WATER	DOW GLOBAL TECHNOLOGIES LLC	10/30/2015	201580083865.1		108137348	
78451-EP-EPT	European Procedure (Patents)	MEMBRANE TREATMENT OF AMMONIA-CONTAINING WASTE WATER	DOW GLOBAL TECHNOLOGIES LLC	10/30/2015	15906990.5		3368462	

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78451-IN-PCT	India	MEMBRANE TREATMENT OF AMMONIA-CONTAINING WASTE WATER	DOW GLOBAL TECHNOLOGIES LLC	10/30/2015	201817018055		
78451-US-PCT	United States Of America	MEMBRANE TREATMENT OF AMMONIA-CONTAINING WASTE WATER	DOW GLOBAL TECHNOLOGIES LLC	10/30/2015	15/758552	US-2018-0257965-A1	
78470-CN-PCT	China	FILTER ASSEMBLY INCLUDING SPIRAL WOUND MODULE, BRINE SEAL AND END CAP	DOW GLOBAL TECHNOLOGIES LLC	09/12/2016	201680053219.5		
78470-EP-EPT	European Procedure (Patents)	FILTER ASSEMBLY INCLUDING SPIRAL WOUND MODULE, BRINE SEAL AND END CAP	DOW GLOBAL TECHNOLOGIES LLC	09/12/2016	16/775024.9	3356020	
78470-IN-PCT	India	FILTER ASSEMBLY INCLUDING SPIRAL WOUND MODULE, BRINE SEAL AND END CAP	DOW GLOBAL TECHNOLOGIES LLC	09/12/2016	201817013548	201817013548	
78470-JP-PCT	Japan	FILTER ASSEMBLY INCLUDING SPIRAL WOUND MODULE, BRINE SEAL AND END CAP	DOW GLOBAL TECHNOLOGIES LLC	09/12/2016	2018-514793		
78470-KR-PCT	SOUTH KOREA	FILTER ASSEMBLY INCLUDING SPIRAL WOUND MODULE, BRINE SEAL AND END CAP	DOW GLOBAL TECHNOLOGIES LLC	09/12/2016	10-2018-7010389	10-2018-0052729	
78470-US-PCT	United States Of America	FILTER ASSEMBLY INCLUDING SPIRAL WOUND MODULE, BRINE SEAL AND END CAP	DOW GLOBAL TECHNOLOGIES LLC	09/12/2016	15/750752	US-2018-0250637-A1	
78605-CN-PCT	China	SEPARATING CARBOXYLIC ACIDS	DOW GLOBAL TECHNOLOGIES LLC	03/13/2018	201680061830.2	108137471	
78605-US-PCT	United States Of America	SEPARATING CARBOXYLIC ACIDS	DOW GLOBAL TECHNOLOGIES LLC	11/01/2016	15/769568		
78605-WO-PCT	International Procedure	SEPARATING CARBOXYLIC ACIDS	DOW GLOBAL TECHNOLOGIES LLC	11/01/2016	PCT/US16/059894	WO/2017/079151	
78688-BR-PCT	Brazil	CHROMATOGRAPHIC SEPARATION OF ORGANIC ACIDS USING POLYMERIC MACROPOROUS ADSORBENT	DOW GLOBAL TECHNOLOGIES LLC	11/22/2016	112018010803-0		
78688-CN-PCT	China	SEPARATION OF ORGANIC ACIDS USING POLYMERIC MACROPOROUS ADSORBENT	DOW GLOBAL TECHNOLOGIES LLC	11/22/2016	201680069448.6	108367212	

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78688-IN-PCT	India	CHROMATOGRAPHIC SEPARATION OF ORGANIC ACIDS USING POLYMERIC MACROPOROUS ADSORBENT	DOW GLOBAL TECHNOLOGIES LLC	11/22/2016	201817021189		
78688-WO-PCT	International Procedure	CHROMATOGRAPHIC SEPARATION OF ORGANIC ACIDS USING POLYMERIC MACROPOROUS ADSORBENT	DOW GLOBAL TECHNOLOGIES LLC	11/22/2016	PCT/US16/063220	WO/2017/095687	
78703-BR-PCT	Brazil	CHROMATOGRAPHIC SEPARATION OF PROPIONIC ACID USING STRONG BASE ANION EXCHANGE RESIN	DOW GLOBAL TECHNOLOGIES LLC	11/22/2016	11201801184-8		
78703-CA-PCT	Canada	CHROMATOGRAPHIC SEPARATION OF PROPIONIC ACID USING STRONG BASE ANION EXCHANGE RESIN	DOW GLOBAL TECHNOLOGIES LLC	11/22/2016	3006439		
78703-CN-PCT	China	CHROMATOGRAPHIC SEPARATION OF PROPIONIC ACID USING STRONG BASE ANION EXCHANGE RESIN	DOW GLOBAL TECHNOLOGIES LLC	11/22/2016	201680072411.9	108367213	
78703-EP-EPT	European Procedure (Patents)	CHROMATOGRAPHIC SEPARATION OF PROPIONIC ACID USING STRONG BASE ANION EXCHANGE RESIN	DOW GLOBAL TECHNOLOGIES LLC	11/22/2016	16816482.0	3383516	
78703-US-PCT	United States Of America	CHROMATOGRAPHIC SEPARATION OF PROPIONIC ACID USING STRONG BASE ANION EXCHANGE RESIN	DOW GLOBAL TECHNOLOGIES LLC	11/22/2016	15/776838		
78703-WO-PCT	International Procedure	CHROMATOGRAPHIC SEPARATION OF PROPIONIC ACID USING STRONG BASE ANION EXCHANGE RESIN	DOW GLOBAL TECHNOLOGIES LLC	11/22/2016	PCT/US16/063214	WO/2017/095685	
78721-WO-PCT	International Procedure	MATRICES CONTAINING LITHIUM ALUMINATES	DOW GLOBAL TECHNOLOGIES LLC	03/21/2017	PCT/CN17/077440		
78832-AU-PCT	Australia	URANIUM RECOVERY	TECHNOLOGIES LLC	03/15/2017	PCT/US17/022399		
78832-CA-PCT	Canada	URANIUM RECOVERY	TECHNOLOGIES LLC	03/15/2017	PCT/US17/022399		
78832-IN-PCT	India	URANIUM RECOVERY	TECHNOLOGIES LLC	03/15/2017	PCT/US17/022399		
78832-RU-PCT	Russian Federation	URANIUM RECOVERY	TECHNOLOGIES LLC	03/15/2017	PCT/US17/022399		
78832-US-PCT	United States Of America	URANIUM RECOVERY	TECHNOLOGIES LLC	03/15/2017	16/085009		
78832-WO-PCT	International Procedure	URANIUM RECOVERY	TECHNOLOGIES LLC	03/15/2017	PCT/US17/022399	WO/2017/209828	

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PATENT NUMBER	CO-PATENT	FILED	OWNER	PENDING DATE	APP. NUMBER	PRI. NUMBER	GRANT NUMBER
78832-ZA-PCT	South Africa	URANIUM RECOVERY	DOW GLOBAL TECHNOLOGIES LLC	03/15/2017	PCT/US17/022399		
79156-CA-PCT	Canada	BIOREACTOR ASSEMBLY	DOW GLOBAL TECHNOLOGIES LLC	03/01/2017	PCT/US17/020065		
79156-CN-PCT	China	BIOREACTOR ASSEMBLY	DOW GLOBAL TECHNOLOGIES LLC	03/01/2017	PCT/US17/020065		
79156-EP-PCT	European Procedure (Patents)	BIOREACTOR ASSEMBLY	DOW GLOBAL TECHNOLOGIES LLC	03/01/2017	17711424.6		
79156-JP-PCT	Japan	BIOREACTOR ASSEMBLY	DOW GLOBAL TECHNOLOGIES LLC	03/01/2017	2018-545606		
79156-US-PCT	United States Of America	BIOREACTOR ASSEMBLY	DOW GLOBAL TECHNOLOGIES LLC	03/01/2017	16/066606		
79156-WO-PCT	International Procedure	BIOREACTOR ASSEMBLY	DOW GLOBAL TECHNOLOGIES LLC	03/01/2017	PCT/US17/020065	WO/2017/165091	
79212-WO-PCT	International Procedure	CONTROLLED PARTICLE SIZE DISTRIBUTION REMOVING COLLOIDAL COBALT FROM AN AQUEOUS COMPOSITION	DOW GLOBAL TECHNOLOGIES LLC	11/06/2017	PCT/US17/060138	WO/2018/089296	
79287-WO-PCT	International Procedure	RESIN BEADS AND USE IN PROCESSING OF AQUEOUS SOLUTIONS	DOW GLOBAL TECHNOLOGIES LLC	06/19/2017	PCT/US17/038128	WO/2017/222981	
79321-WO-PCT	International Procedure	RESIN BEADS AND USE IN PROCESSING OF AQUEOUS SOLUTIONS	DOW GLOBAL TECHNOLOGIES LLC	12/30/2016	PCT/KR16/015591	WO/2018/124350	
79445-WO-PCT	International Procedure	RESIN BEADS AND USE IN PROCESSING OF AQUEOUS SOLUTIONS	DOW GLOBAL TECHNOLOGIES LLC	12/30/2016	PCT/KR16/015589	WO/2018/124349	
79475-US-PSP	United States Of America	COMPONENT ADDITION POLYMERIZATION	DOW GLOBAL TECHNOLOGIES LLC	11/10/2017	62/584212		
79480-TW-NP	Taiwan	METHOD OF CLEANING RESINS	DOW GLOBAL TECHNOLOGIES LLC	01/26/2018	107102851		
79480-WO-PCT	International Procedure	METHOD OF CLEANING RESINS	DOW GLOBAL TECHNOLOGIES LLC	02/10/2017	PCT/CN17/073210	WO 2018/145295	
79535-US-PCT	United States Of America	POLYMER INCLUDING TROGER'S BASE AND ISATIN MOIETIES AND HAVING INTRINSIC MICROPOROSITY	DOW GLOBAL TECHNOLOGIES LLC	07/31/2017	15/573966		
79535-WO-PCT	International Procedure	POLYMER INCLUDING TROGER'S BASE AND ISATIN MOIETIES AND HAVING INTRINSIC MICROPOROSITY	DOW GLOBAL TECHNOLOGIES LLC	07/31/2017	PCT/US17/044602	WO/2018/048515	
79653-US-PCT	United States Of America	POLYMERS HAVING INTRINSIC MICROPOROSITY INCLUDING SUB-UNITS WITH TROGER'S BASE AND SPIROBISINDANE MOIETIES	DOW GLOBAL TECHNOLOGIES LLC	07/31/2017	15/571080		

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PATENT NUMBER	CO-PATENT	TITLE	OWNER	PENDING DATE	APP. NUMBER	PUB. NUMBER	GRANT NUMBER
79653-WO-PCT	International Procedure	POLYMERS HAVING INTRINSIC MICROPOROSITY INCLUDING SUB-UNITS WITH TROGER'S BASE AND SPIROBISINDANE MOIETIES	DOW GLOBAL TECHNOLOGIES LLC	07/31/2017	PCT/US17/044605	WO/2018/057119	
79733-WO-PCT	International Procedure	ASSEMBLY INCLUDING INTEGRATED PERMEATE MONITORING	DOW GLOBAL TECHNOLOGIES LLC	07/18/2017	PCT/US17/042530	WO/2018/044407	
79904-CN-PCT	China	TROGER'S BASE POLYMER HAVING INTRINSIC MICROPOROSITY	DOW GLOBAL TECHNOLOGIES LLC	11/10/2016	201680068457.3	108291026	
79904-DE-PCT	Germany	TROGER'S BASE POLYMER HAVING INTRINSIC MICROPOROSITY	DOW GLOBAL TECHNOLOGIES LLC	11/10/2016	112016005378.9	112016005378	
79904-SA-PCT	Saudi Arabia	TROGER'S BASE POLYMER HAVING INTRINSIC MICROPOROSITY	DOW GLOBAL TECHNOLOGIES LLC	11/10/2016	518391655		
79904-US-PCT	United States Of America	TROGER'S BASE POLYMER HAVING INTRINSIC MICROPOROSITY	DOW GLOBAL TECHNOLOGIES LLC	11/10/2016	15/773594		
79904-WO-PCT	International Procedure	TROGER'S BASE POLYMER HAVING INTRINSIC MICROPOROSITY	DOW GLOBAL TECHNOLOGIES LLC	11/10/2016	PCT/US16/061214	WO/2017/091357	
79925-WO-PCT	International Procedure	CONTROLLED PARTICLE SIZE DISTRIBUTION	DOW GLOBAL TECHNOLOGIES LLC	11/06/2017	PCT/US17/060129	WO/2018/089294	
80065-WO-PCT	International Procedure	THIN FILM COMPOSITE MEMBRANE INCLUDING CROSSLINKED TROGER'S BASE POLYMER	DOW GLOBAL TECHNOLOGIES LLC	03/20/2018	PCT/US18/023216		
80108-SA-NP	Saudi Arabia	SPIRAL WOUND FILTER ASSEMBLY INCLUDING AXIALLY OFFSET PERMEATE TRANSFER PIPES	DOW GLOBAL TECHNOLOGIES LLC	03/19/2017	117380503		
80318-WO-PCT	International Procedure	FUNCTIONAL RESIN PARTICLES	DOW GLOBAL TECHNOLOGIES LLC	04/25/2018	PCT/US18/029278		
80319-WO-PCT	International Procedure	TREATMENT OF SUGAR SOLUTIONS	DOW GLOBAL TECHNOLOGIES LLC	04/25/2018	PCT/US18/029281		
80417-WO-PCT	International Procedure	FUNCTIONAL RESIN PARTICLES	DOW GLOBAL TECHNOLOGIES LLC	04/25/2018	PCT/US18/029287		
80418-WO-PCT	International Procedure	TREATMENT OF SUGAR SOLUTIONS	DOW GLOBAL TECHNOLOGIES LLC	04/25/2018	PCT/US18/029291		
80570-WO-PCT	International Procedure	SPIRAL WOUND MODULE ASSEMBLY INCLUDING INTEGRATED PRESSURE MONITORING	DOW GLOBAL TECHNOLOGIES LLC	03/20/2018	PCT/US18/023215		

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80629-WO-PCT	International Procedure	TREATMENT OF SUGAR SOLUTIONS	DOW GLOBAL TECHNOLOGIES LLC	04/25/2018	PCT/US18/029293		
80672-WO-PCT	International Procedure	ACETOACETOXYETHYL OR ACETOACETAMIDE FUNCTIONAL POLYMERIC BEADS	DOW GLOBAL TECHNOLOGIES LLC	05/31/2017	PCT/CN17/086596		
80675-WO-PCT	International Procedure	RECOVERY OF URANIUM SPIRAL WOUND MEMBRANE MODULE INCLUDING INTEGRATED DIFFERENTIAL PRESSURE MONITORING	DOW GLOBAL TECHNOLOGIES LLC	05/18/2018	PCT/US18/033398		
80890-WO-PCT	International Procedure	INTEGRATED DIFFERENTIAL PRESSURE MONITORING	DOW GLOBAL TECHNOLOGIES LLC	06/20/2018	PCT/US18/038400		
81118-US-PSP	United States Of America	POLYMERIC BEADS	DOW GLOBAL TECHNOLOGIES LLC	11/10/2017	62/584216		
81119-US-PSP	United States Of America	PURIFICATION OF WATER	DOW GLOBAL TECHNOLOGIES LLC	11/10/2017	62/584217		
81120-US-PSP	United States Of America	METHOD OF CATALYSIS	DOW GLOBAL TECHNOLOGIES LLC	11/10/2017	62/584218		
81121-US-PSP	United States Of America	POLYMERIZATION PROCESS INVOLVING ADDITION OF MONOFUNCTIONAL VINYL MONOMER	DOW GLOBAL TECHNOLOGIES LLC	11/10/2017	62/584219		
81263-US-PSP	United States Of America	MAKING LOW-SODIUM RESIN	DOW GLOBAL TECHNOLOGIES LLC	10/25/2017	62/576677		
81560-US-PSP	United States Of America	POLYMERIC BEADS	DOW GLOBAL TECHNOLOGIES LLC	12/06/2017	62/595241		
81561-US-PSP	United States Of America	TREATMENT OF WATER SPIRAL WOUND ASSEMBLY WITH INTEGRATED FLOW RESTRICTOR AND SENSOR	DOW GLOBAL TECHNOLOGIES LLC	12/06/2017	62/595246		
81653-US-PSP	United States Of America		DOW GLOBAL TECHNOLOGIES LLC	01/15/2018	62/617372		
81781-EP-EPA	European Procedure (Patents)	WATER TREATMENT	DOW GLOBAL TECHNOLOGIES LLC	05/01/2018	18382302.0		
81850-US-PSP	United States Of America	GRIFF BLASTING FILTER SCREEN	DOW GLOBAL TECHNOLOGIES LLC	03/29/2018	62/649894		
82032-US-PSP	United States Of America	CONFIGURATION FOR HIGH REJECTION FILTRATION APPLICATIONS	DOW GLOBAL TECHNOLOGIES LLC	07/27/2018	62/711178		

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