506063717 05/18/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
THE DOW CHEMICAL COMPANY	11/01/2018

RECEIVING PARTY DATA

Name:	DDP SPECIALTY ELECTRONIC MATERIALS US, INC.
Street Address:	974 CENTRE ROAD
City:	WILMINGTON
State/Country:	DELAWARE
Postal Code:	19805

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16468577

CORRESPONDENCE DATA

Fax Number:

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.

Phone: 3029992371

Email: janice.soulas@dupont.com

Correspondent Name: DUPONT

Address Line 1: 974 CENTRE ROAD

Address Line 4: WILMINGTON, DELAWARE 19805

ATTORNEY DOCKET NUMBER:	DI80214-US-PCT
NAME OF SUBMITTER:	JANICE SOULAS
SIGNATURE:	/JANICE SOULAS/
DATE SIGNED:	05/18/2020

Total Attachments: 374

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PATENT ASSIGNMENT

This PATENT ASSIGNMENT (this "<u>Assignment</u>"), dated as of November 1, 2018 (the "<u>Effective Date</u>"), is by and between The Dow Chemical Company, a Delaware corporation ("<u>Assignor</u>") and DDP Specialty Electronic Materials US, Inc., a Delaware corporation ("<u>Assignee</u>"), (each a "<u>Party</u>" and collectively, the "<u>Parties</u>").

WHEREAS, Assignor owns the issued patents and patent applications set forth on <u>Schedule A</u> 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. <u>Conveyance</u>. 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. <u>Recordation; Further Assurances</u>. 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 "<u>Recordal Instrument</u>"). 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

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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 recordals 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. <u>Disclaimer of Representations and Warranties</u>. 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. <u>Successors and Assigns</u>. 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. <u>Counterparts</u>. 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. <u>Title and Headings</u>. 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. <u>Governing Law</u>. 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]

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

ASSIGNOR:

By: Name:

THE DOW CHEMICAL COMPANY

Darryl F. Frickey Assistant General Counsel, It Land Title:

THE STATE OF Michigan

County of Midland

Printed or Typed Name of Notary

My commission expires April 42025

Angela R Brooks

NOTARY PUBLIC - STATE OF MICHIGAN COUNTY OF MIDLAND

MY COMMISSION EXPIRES APRIL 6, 2025

Acknowledged	and Accepted:
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ASSIGNEE:

DDP SPECIALTY ELECTRONIC MATERIALS US, INC.

By: Danies / Linns Name: JESSICA M. SIANNOTT Title: Authorized Representative

THE STATE OF Delaware County of New Castle

This instrument was executed before me on this day of Word or , Jolf, by Jessica M. Sinnort, the Authorized Rea (title) of DDP Specialty Electronic Materials US, Inc., a Delaware corporation, on behalf of said company.

Na Havle Concetta Cilettoni Notary Public in and for The State of De la wore

Printed or Typed Name of Notai

My commission expires 5/10/2000

RAFFAELA CONCETTA CIABATTONI **NOTARY PUBLIC** STATE OF DELAWARE MY COMMISSION EXPIRES MAY 10, 2020

SCHEDULE A TO PATENT ASSIGNMENT

SCHEDULE A PATENTS

	United States Of	ENCAPSULATED	THE DOW CHEMICAL			
44111A-US-NP	America United States Of United States Of	ACTIVE MATERIALS	COMPANY THE DOW CHEMICAL	04/27/1999 09/300339		05/01/2001 6224793
81638-US-PSP	America	BONDING SYSTEM POLYMER FOAM AND METHOD OF MAKING USING OIL- CONTAINING	COMPANY	08/06/2018 62/714999		
43269-US-NP	United States Of America	FURNACE BLACK AS AN INSULATION ENHANCER INSECTICIDE- CONTAINING FOAM SHEET AND PROCESS	THE DOW CHEMICAL COMPANY	06/15/2000 09/595069		07/10/2001 6258865
	United States Of	FOR THE PREPARATION	THE DOW CHEMICAL			
44248-US-NP	America	THEREOF	COMPANY	02/01/1999 09/241845		12/05/2000 6156328
		EXTRUDED FOAMS HAVING A MONOVINYL AROMATIC POLYMER WITH A BROAD MOLECULAR WEIGHT	THE DOW CHEMICAL			
60110-DE-EPT	Germany	DISTRIBUTION EXTRUDED FOAMS HAVING A MONOVINYL AROMATIC POLYMER WITH A BROAD MOLECULAR		09/01/2000 00957943.4	1214372	12/28/2005 1214372
60110-ES-EPT	Spain	WEIGHT DISTRIBUTION EXTRUDED FOAMS HAVING A MONOVINYL AROMATIC POLYMER WITH A BROAD MOLECULAR	THE DOW CHEMICAL COMPANY	09/01/2000 00957943.4	1214372	12/28/2005 1214372
60110-FR-EPT	France	WEIGHT DISTRIBUTION EXTRUDED FOAMS HAVING A MONOVINYL AROMATIC POLYMER WITH A BROAD	THE DOW CHEMICAL COMPANY	09/01/2000 00957943.4	1214372	12/28/2005 1214372
		MOLECULAR WEIGHT	THE DOW CHEMICAL			
60110-GB-EPT	United Kingdom	DISTRIBUTION EXTRUDED FOAMS HAVING A MONOVINYL AROMATIC POLYMER WITH A BROAD MOLECULAR	COMPANY	09/01/2000 00957943.4	1214372	12/28/2005 1214372
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76433-DE-EPT Germany DEV	CONTAMINATION THE DOW CHEMICAL VICE COMPANY TERILISATION	05/19/2010 10722748.0 2432508 05/11/2016 602010033269.1
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		COMPOSITIONS	THE DOW CHEMICAL			
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		CELLULOSE ETHER				
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		GEL STRENGTH AND				
	United States Of	COMPOSITIONS	THE DOW CHEMICAL			
44554-US-NP	America	CONTAINING IT	COMPANY	04/01/1999 09/283506		05/08/2001 6228416
		PROCESS FOR				
		MAKING CELLULOSE				
		ETHER HAVING				
	United States Of	ENHNACED GEL	THE DOW CHEMICAL			
44570-US-NP	America	STREGNTH	COMPANY	04/01/1999 09/283921		05/22/2001 6235893
		PROCESS FOR				
	United States Of	MAKING CELLULOSE ETHERS HAVING REDUCED YELLOWING AND	THE DOW CHEMICAL			
60035-US-NP	America	DISCOLORATION	COMPANY	10/13/1999 09/416783		10/23/2001 6306333
		HYDROGELS BASED				
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81355-US-PSP	America	METHYLCELLULOSE	COMPANY	11/29/2017 62/591805		
		HYDROGELS BASED				
	International	ON	THE DOW CHEMICAL			
81355-WO-PCT	Procedure	METHYLCELLULOSE	COMPANY	07/12/2018 PCT/US18/041738		
		COMPOSITE				
		MEMBRANE WITH				
		POLYALKYLENE				
		OXIDE MODIFIED				
	United States Of	POLYAMIDE	THE DOW CHEMICAL			
42916-US-NP	America	SURFACE	COMPANY	06/10/1999 09/329462		08/28/2001 6280853
	United States Of	SURFACE MODIFIED	THE DOW CHEMICAL			
44360-US-CNT[1]	America United States Of	POLYMER BEADS SURFACE MODIFIED	COMPANY THE DOW CHEMICAL	01/14/2000 09/483620		05/29/2001 6238795
44360C-US-CNT[1] America	POLYMER BEADS	COMPANY	09/27/2001 09/965256	2002-0017488	07/16/2002 6419830
		DEVICE FOR				
		REMOVING TOXINS				
	United States Of	FROM BLOOD OR	THE DOW CHEMICAL			
44360D-US-CNT[1	America	PLASMA	COMPANY	03/08/2002 10/094001	2002-0091231	07/23/2002 6423024
***************************************		TREATMENT OF				
		POWER PLANT				
		CONDENSATE				
		WATER WITH ION	THE DOW CHEMICAL			
44395-JP-PCT	Japan	EXCHANGE RESIN	COMPANY	12/06/1999 2000-586827		05/20/2011 4744694
		TREATMENT OF				
		POWER PLANT				
		CONDENSATE				
	United States Of	WATER WITH ION	THE DOW CHEMICAL			
44395-US-NP	America	EXCHANGE RESIN	COMPANY	10/26/1999 09/426535		06/26/2001 6251996
		TREATMENT OF				
		POWER PLANT				
		CONDENSATE				
	United States Of	WATER WITH ION	THE DOW CHEMICAL			
44395-US-NP[1]	America	EXCHANGE RESIN	COMPANY	12/06/1999 09/454757		09/18/2001 6290854
11030 00 111 [2]		POLYURETHANE		12, 66, 1331 65, 18176		53, 10, 2001 023000 .
		SEALANT	THE DOW CHEMICAL			
44503-CN-PCT	China	COMPOSITION	COMPANY	02/04/2000 00804624.7	1342188	10/19/2005 00804624.7
77202 611 1 61		AMINE	CC1111.111	02/04/2000 00004024./	1372100	10/10/2003 0000-02-11
		ORGANOBORANE				
		COMPLEX				
		POLYMERIZATION				
		INITIATORS AND				
	United States Of	POLYMERIZABLE	THE DOW CHEMICAL			
C00424 LIC CID[4]				06/15/2001 00/991090	2002 005074	05/04/2004 6730750
60043A-US-CIP[1]	America	COMPOSITIONS	COMPANY	06/15/2001 09/881980	ZUUZ-UU58/64	05/04/2004 6730759
		ONE DADT				
		ONE-PART				
		MOISTURE CURABLE	THE DOWN CHEMICAL			
CINCC CALDET	China	POLYURETHANE	THE DOW CHEMICAL	09/07/2001 010/2010 2	1446336	10/06/2006 0/2436#0.7
61066-CN-PCT	China	ADHESIVE	COMPANY	08/07/2001 01813849.7	1446236	10/06/2005 01813849.7

POLYURE 61066-DE-EPT Germany ADHESIVE	E CURABLE THE DOW CHEMICAL COMPANY	08/07/2001 01961926.1	1311574	11/02/2006 60124264.5
ONE-PAR MOISTUR United States Of POLYURE 61066-US-NP America ADHESIVE	ECURABLE HANE THE DOW CHEMICAL	08/07/2001 09/928980	2002-0061962	03/23/2004 6709539
SILANE FU ADHESIVE COMPOSI METHOD BONDING WINDOW United States Of SUBSTRA	TION AND DF A TO A			
61096-US-NP America WITHOUT	A PRIMER COMPANY	03/04/2002 10/090848	2003-0173026	11/18/2003 6649016
ADHESIVE COMPOSI METHOD	TION AND OF			
BONDING WINDOW SUBSTRA* 61096A-CH-EPT Switzerland WITHOUT	TO A	03/03/2003 : 03744210.0	1483350	02/08/2006 1483350
ADHESIVE COMPOSI METHOD BONDING WINDOW	TION AND OF A TO A			
United States Of AUTOMO 61134A-US-NP America ASSEMBL' PRIMER	A PRIMER COMPANY SILE THE DOW CHEMICAL COMPANY	03/03/2003 03744210.0 06/14/2002 10/171936	1483350 2003-0001410	02/08/2006 1483350 03/06/2007 7185946
COMPOSI PROMOTI ADHESIOI URETHAN ADHESIVE	NG I OF A E			
United States Of POLYMER 61392-US-NP America SUBSTRA		11/02/2001 10/001019	2003-0084995	01/10/2006 6984287
METHOD BONDING WINDOW United States Of SUBSTRA	OF A TO A E THE DOW CHEMICAL			
TWO-CON EPOXY AD	HESIVE TION FOR	11/26/2002 10/304425	2003-0098114	04/05/2005 6875303
United States Of WITH LOV		00/01/0000 10/00000		0.1/00/0000
62237-US-NP America MODULU PROCESS APPLYING	FOR AN	03/24/2003 10/395783	2004-0197563	01/02/2007 7157143
ADHESIOI 62244A-CN-PCT China TO A WIN PROCESS APPLYING ADHESIOI	DOW COMPANY FOR AN I PRIMER THE DOW CHEMICAL	06/11/2003 03813262.1	1659250	05/02/2007 03813262.1
62244A-DE-EPT Germany TO A WIN PROCESS APPLYING ADHESION	FOR AN I PRIMER THE DOW CHEMICAL	06/11/2003 03760492.3	1516027	07/23/2008 60322391.5
62244A-FR-EPT France TO A WIN PROCESS APPLYING ADHESIOI	FOR AN	06/11/2003 03760492.3	1516027	07/23/2008 1516027
62244A-GB-EPT United Kingdom TO A WIN	22224422224422244444444	06/11/2003 03760492.3	1516027	07/23/2008 1516027

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COMPANY NOT	PRC APF	OCESS FOR PLYING AN		06/11/2003 03760492.3	1516027	07/23/2008 1516027
MAMINE	62244A-KR-PCT SOUTH KOREA TO PRC APF	A WINDOW CO! DCESS FOR PLYING AN	MPANY	06/11/2003 10-2004-7020056		01/28/2011 1013279
COMPANY COMP	AM	IINE	MPANY	06/11/2003 10/458951	2003-0232152	06/15/2010 7736692
COMPANIES COMP	COI POL	MPLEX INITIATED LYMERIZABLE				
COMPONINTS	COI SILO	NTAINING OXANE				
COMPLEX INTRACTO POLYMERIA POLYMERIA		000000		06/01/2004 10/858161	2004-0220363	09/27/2005 6949603
REACTIVE THE DOW CHEMICAL COMPANY 12/23/2002 02406134.3 1433802 10/17/2007 143380	AM ORS COI POI COI SILC United States Of POI 62390D-US-DIV[1] America COI	Ganoborane Mplex Initiated Lymerizable Mpositions Ntaining Dxane Lymerizable The Mponents Cor		06/09/2004 10/854663	2004-0242812	01/02/2007 7157399
REACTIVE THE DOW CHEMICAL COMPOSTION 12/23/2002 02406134.3 1433802 10/17/2007 14338	REA	ACTIVE THE		12/23/2002 02406134.3	1433802	10/17/2007 1433802
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REACTIVE COMPOSITION COMPANY 12/13/2003 200380107335.3 1732197 05/30/2007 200380107335.3 1732197 200380107335.3 1732197 200380107335.3 1732197 200380107335.3 173219	62402A-CH-EPT Switzerland COI	MPOSITION COM		12/13/2003 03789274.2	1578834	02/18/2015 1578834
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COMPOSITION COMPANY 12/13/2003 03789274.2 1578834 02/18/2015 60347318.0	POL	LYURETHANE		12/13/2003 20038010/335.3	1/3219/	05/30/2007 200380107335.3
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	REA	ACTIVE THE		12/13/2003 10-2005-7011745		11/22/2011 101087946

	POLYURETHANE					
	States Of REACTIVE	THE DOW CHEMICAL	42/22/2002	40/744522	2005 0427276	44 45 2005 - 0005000
62402B-US-NP Americ	ca COMPOSITION POLYURETHANE	COMPANY	12/22/2003	10/744523	2005-0137376	11/15/2005 6965008
	REACTIVE	THE DOW CHEMICAL				
62402D-CH-EPD Switze		COMPANY	12/13/2003	06004469.0	1671996	09/13/2017 1671996
	POLYURETHANE REACTIVE	THE DOW CHEMICAL				
62402D-DE-EPD Germa		COMPANY	12/13/2003	06004469.0	1671996	09/13/2017 60350609.7
	POLYURETHANE					
Europe		THE DOW CHEMICAL	12/12/2002	000011000	1671006	00/40/0047 4574605
62402D-EP-EPD Proced	lure (Patents) COMPOSITION POLYURETHANE	COMPANY	12/13/2003	06004469.0	1671996	09/13/2017 1671996
	REACTIVE	THE DOW CHEMICAL				
62402D-FR-EPD France		COMPANY	12/13/2003	06004469.0	1671996	09/13/2017 1671996
	POLYURETHANE REACTIVE	THE DOW CHEMICAL				
62402E-CH-EPD Switze		COMPANY	12/13/2003	07019524.3	1876197	09/20/2017 1876197
	POLYURETHANE					
62402E-DE-EPD Germa	REACTIVE Iny COMPOSITION	THE DOW CHEMICAL COMPANY	12/13/2003	07019524 3	1876197	09/20/2017 60350625.9
02-02E DE ELD GEIM	POLYURETHANE	~~~	12, 13, 2003	0,013324.3	10,015,	05/20/2017 00350025:5
Europe		THE DOW CHEMICAL				
62402E-EP-EPD Proced	lure (Patents) COMPOSITION POLYURETHANE	COMPANY	12/13/2003	07019524.3	1876197	09/20/2017 1876197
	REACTIVE	THE DOW CHEMICAL				
62402E-FR-EPD France		COMPANY	12/13/2003	07019524.3	1876197	09/20/2017 1876197
		THE DOW CHEMICAL	na taa taaa x	10/704406	3004 0350043	00/48/2007 7274703
62449A-US-NP Americ		COMPANY THE DOW CHEMICAL	02/23/2004	10) /84406	2004-0260012	09/18/2007 7271202
62449B-BR-PCT Brazil	ADHESIVE	COMPANY	02/23/2004	PI0407673.7	PI0407673.7	05/20/2014 PI0407673.7
contain on our of t		THE DOW CHEMICAL	na (na Inna i	2004000000450.5	47570054	07/04/0007 70040707477.5
62449B-CN-PCT China	ADHESIVE REACTIVE HOT MELT	COMPANY THE DOW CHEMICAL	02/23/2004	200480005152.5	1753964	07/04/2007 200480005152.5
62449B-DE-EPT Germa		COMPANY	02/23/2004	04713542.1	1599557	05/27/2009 602004021237.7
		THE DOW CHEMICAL				
62449B-ES-EPT Spain	ADHESIVE REACTIVE HOT MELT	COMPANY THE DOW CHEMICAL	02/23/2004	04713542.1	1599557	05/27/2009 2325787
62449B-FR-EPT France		COMPANY	02/23/2004	04713542.1	1599557	05/27/2009 1599557
		THE DOW CHEMICAL				
624498-GB-EPT United	Kingdom ADHESIVE	COMPANY THE DOW CHEMICAL	02/23/2004	04713542.1	1599557	05/27/2009 1599557
62449B-TR-EPT Turkey		COMPANY	02/23/2004	04713542.1	1599557	05/27/2009 1599557
	PROCESS FOR					
	APPLYING A	THE DOW CHEMICAL				
62457B-BR-PCT Brazil	ADHESIVE	COMPANY	07/07/2004	P10412062.0		09/29/2015 PI0412062-0
	PROCESS FOR					
	APPLYING A	THE DOW CHEMICAL				
62457B-CA-PCT Canad		COMPANY	07/07/2004	2529737		05/07/2013 2529737
	PROCESS FOR					
	APPLYING A	THE DOW CHEMICAL				
62457B-CN-PCD China	ADHESIVE	COMPANY	07/07/2004	200910208741.8	101691418	10/03/2012 200910208741.8
	PROCESS FOR					
	APPLYING A	THE DOW CHEMICAL				
62457B-CN-PCT China	ADHESIVE	COMPANY	07/07/2004	200480018526.7	1816606	12/30/2009 200480018526.7
	ADHESIVE EPOXY					
P poses	COMPOSITION AND	THE DOMECHER DOM				
Europe 62457B-EP-EPD Procec	ean PROCESS FOR Jure (Patents) APPLYING IT	THE DOW CHEMICAL COMPANY	06/27/2014	14175888.8	2843022	
	PROCESS FOR					
	APPLYING A	THE DOMESTICK TOWN				
62457B-IN-PCT India	STREAMABLE EPOXY ADHESIVE	THE DOW CHEMICAL COMPANY	07/07/2004	56/CHENP/2006		02/08/2011 245958
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	APPLYING A	THE BALL CHEET NAME				
62457B-JP-PCT Japan	Streamable Epoxy Adhesive	THE DOW CHEMICAL COMPANY	07/07/2004	2006-518850		07/19/2013 5319886

62457B-KR-PCT SOUTH KOREA	ADHESIVE EPOXY COMPOSITION AND PROCESS FOR APPLYING IT	THE DOW CHEMICAL COMPANY	07/07/2004 10-2006-7000306	ŝ	02/21/2012 10-1121395
United States Of 62457C-US-DIV[1] America	PROCESS FOR APPLYING A STREAMABLE EPOXY ADHESIVE PROCESS FOR	THE DOW CHEMICAL COMPANY	08/10/2007 11/891446	2008-0006370	07/07/2009 7557168
United States Of 62457D-US-DIV[2] America	APPLYING A STREAMABLE EPOXY ADHESIVE STABILIZED	THE DOW CHEMICAL COMPANY	08/10/2007 11/891444	2008-0009589	07/07/2009 7557169
United States Of 62979A-US-NP America	ORGANOBORANE POLYMERIZATION INITIATORS AND POLYMERIZABLE COMPOSITIONS	THE DOW CHEMICAL COMPANY	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	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	12/10/2004 04813632.9	1694795	07/23/2008 602004015327.3
63063A-JP-PCT Japan United States Of 63063B-US-CIP[1] America	INTO A STRUCTURE SYSTEM FOR BONDING GLASS INTO A STRUCTURE SYSTEM FOR	COMPANY THE DOW CHEMICAL COMPANY	12/10/2004 2006-543999 12/10/2004 11/008426		01/11/2013 5171040 08/26/2008 7416599
United States Of 63215-US-NP America 63215A-CH-EPT Switzerland	BONDING GLASS INTO A STRUCTURE SYSTEM FOR BONDING GLASS INTO A STRUCTURE	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	12/15/2004 11/012606 12/12/2005 05853856.2	2006-0124225 1828334	02/24/2009 7494540
63215A-CN-PCT China	SYSTEM FOR BONDING GLASS INTO A STRUCTURE SYSTEM FOR	THE DOW CHEMICAL COMPANY	12/12/2005 200580042896.9		03/13/2013 200580042896.9
63215A-DE-EPT Germany European 63215A-EP-EPT Procedure (Patents	BONDING GLASS INTO A STRUCTURE SYSTEM FOR BONDING GLASS) INTO A STRUCTURE SYSTEM FOR	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	12/12/2005 05853856.2 12/12/2005 05853856.2	1828334 1828334	
63215A-FR-EPT France 63215A-JP-PCT Japan	BONDING GLASS INTO A STRUCTURE SYSTEM FOR BONDING GLASS INTO A STRUCTURE SYSTEM FOR	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	12/12/2005 05853856.2 12/12/2005 2007-546822	1828334 2008-524392	10/19/2012 5112878
63215A-KR-PCT SOUTH KOREA United States Of 63215B-US-DIV[1] America	BONDING GLASS INTO A STRUCTURE SYSTEM FOR BONDING GLASS INTO A STRUCTURE	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	12/12/2005 10-2007-7013362 08/21/2008 12/195648		09/13/2012 10-1184496 05/04/2010 7708853
United States Of 63272A-US-NP America	COMPOSITION USEFUL AS AN ADHESIVE FOR INSTALLING VEHICLE WINDOWS	THE DOW CHEMICAL COMPANY	08/19/2004 10/921635	2005-0054764	09/05/2006 7101950
63272B-CN-PCT China	COMPOSITION USEFUL AS AN ADHESIVE FOR INSTALLING VEHICLE WINDOWS	THE DOW CHEMICAL COMPANY	08/19/2004 200480024143.0	1839167	01/13/2010 200480024143.0
63272B-DE-EPT Germany	COMPOSITION USEFUL AS AN ADHESIVE FOR INSTALLING VEHICLE WINDOWS	THE DOW CHEMICAL	08/19/2004 04781648.3	1658320	09/27/2017 602004051852.2
European 63272B-EP-EPT Procedure (Patents	COMPOSITION USEFUL AS AN ADHESIVE FOR INSTALLING VEHICLE	THE DOW CHEMICAL COMPANY	08/19/2004 04781648.3		09/27/2017 1658320

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	SEFUL AS AN DHESIVE FOR					
United States Of IN	NSTALLING VEHICLE					
	VINDOWS OW VOLATILE	COMPANY	08/25/2006	11/510234	2006-0293489	11/16/2010 7834102
	OCYANATE					
	IONOMER ONTAINING					
	OLYURETHANE					
		THE DOW CHEMICAL COMPANY	10/11/2005	05813170 Q	1799738	05/03/2017 602005051884.3
	CCELERATED	SOME ON I	10) 11/2003	03012179.9	1/93/30	u3/u3/2017 002003031084.5
	RGANOBORANE MINE COMPLEX					
	NITIATED					
		FHE DOW CHEMICAL COMPANY	00/20/2007	11/901500	2000 0045000	09/00/2012 9501990
	CCELERATED	COMPANY	09/26/2007	11/001390	2008-0045680	08/06/2013 8501886
	RGANOBORANE MINE COMPLEX					
	NITIATED					
		THE DOW CHEMICAL COMPANY	00/20/2002	111001010	2000 0045504	02/++/20/2 0+++0/2
63302D-US-DIV[2] America CC	OMPOSITIONS (LUMPANY	09/26/2007	11/861616	2008-0045681	02/14/2012 8114947
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	ILANE PREPOLYMER ND ISOCYANATE					
	UNCTIONAL					
	REPOLYMER BLEND ASED ADHESIVE	FHE DOW CHEMICAL				
63554A-US-NP America CO	OMPOSITION (COMPANY	10/23/2006	11/585010	2007-0093628	03/18/2008 7345130
	ILANE PREPOLYMER					
	ND ISOCYANATE UNCTIONAL					
	REPOLYMER BLEND	ELIE DOLAZ OLIERANOAL				
B/	ASED ADHESIVE T	THE DOW CHEMICAL	03/20/2013	201310103405.3	103173184	01/21/2015 201310103405.3
B/	ASED ADHESIVE T		03/20/2013	201310103405.3	103173184	01/21/2015 201310103405.3
BA 63554B-CN-PCD China CC	ASED ADHESIVE T		03/20/2013	201310103405.3	103173184	01/21/2015 201310103405.3
63554B-CN-PCD China CC SI AI	ASED ADHESIVE TO COMPOSITION C		03/20/2013	201310103405.3	103173184	01/21/2015 201310103405.3
BA 63554B-CN-PCD China Co SI AI FL	ASED ADHESIVE TO OMPOSITION COMPOSITION CO		03/20/2013	201310103405.3	103173184	01/21/2015 201310103405.3
BA 63554B-CN-PCD China CO SI AI FL PF BA	ASED ADHESIVE TO OMPOSITION COMPOSITION CO	COMPANY THE DOW CHEMICAL				
84 63554B-CN-PCD China CC SI AI FL PP B4 63554B-DE-EPT Germany CC	ASED ADHESIVE TO OMPOSITION COMPOSITION CO	COMPANY	03/20/2013			01/21/2015 201310103405.3 10/19/2011 602006025318.4
63554B-CN-PCD China CC SI AI FL PPF B4 63554B-DE-EPT Germany CC EF 63619-CH-EPA Switzerland CC	ASED ADHESIVE TO OMPOSITION COMPOSITION CO	COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY COMPANY		06817301.2	1943292	
63554B-CN-PCD China CC SI AI AI PC PP BA 63554B-DE-EPT Germany CC 63619-CH-EPA Switzerland CC EF	ASED ADHESIVE TO OMPOSITION COMPOSITION CO	COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	10/23/2006	06817301.2 04012885.2	1943292 1602702	10/19/2011 602006025318.4
63554B-CN-PCD China CC SI At FL PF BA 63554B-DE-EPT Germany CC 63619-CH-EPA Switzerland CC EF 63619-DE-EPA Germany CC	ASED ADHESIVE TO OMPOSITION COMPOSITION CO	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	10/23/2006 06/01/2004	06817301.2 04012885.2	1943292 1602702	10/19/2011 602006025318.4 07/09/2014 1602702
63554B-CN-PCD China CC SI At FL PF BA 63554B-DE-EPT Germany CC 63619-CH-EPA Switzerland CC EF 63619-DE-EPA Germany CC	ASED ADHESIVE TO OMPOSITION COMPOSITION CO	COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	10/23/2006 06/01/2004	06817301.2 04012885.2 04012885.2	1943292 1602702 1602702	10/19/2011 602006025318.4 07/09/2014 1602702
63554B-CN-PCD China CC SI AI FE BA 63554B-DE-EPT Germany CC EF 63619-CH-EPA Switzerland CC EF 63619-DE-EPA Germany CC EUropean EF 63619-EP-EPA Procedure (Patents) CC EF	ASED ADHESIVE TO OMPOSITION COMPOSITION CO	COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	10/23/2006 06/01/2004 06/01/2004 06/01/2004	06817301.2 04012885.2 04012885.2 04012885.2	1943292 1602702 1602702 1602702	10/19/2011 602006025318.4 07/09/2014 1602702 07/09/2014 602004045425.7 07/09/2014 1602702
63554B-CN-PCD China CC SI AI FL PP 63554B-DE-EPT Germany CC 63619-CH-EPA Switzerland CC 63619-DE-EPA Germany CC European EF 63619-EP-EPA Procedure (Patents) CC EG 63619-FR-EPA France CC	ASED ADHESIVE TO OMPOSITION COMPOSITION CO	COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	10/23/2006 06/01/2004 06/01/2004	06817301.2 04012885.2 04012885.2 04012885.2	1943292 1602702 1602702 1602702	10/19/2011 602006025318.4 07/09/2014 1602702 07/09/2014 602004045425.7
63554B-CN-PCD China CC SI AI FL PP 63554B-DE-EPT Germany CC 63619-CH-EPA Switzerland CC European EF 63619-EP-EPA Procedure (Patents) CC 63619-FR-EPA France CC 63619-G8-EPA United Kingdom CC	ASED ADHESIVE OMPOSITION ILANE PREPOLYMER ND ISOCYANATE UNCTIONAL REPOLYMER BLEND ASED ADHESIVE OMPOSITION POXY ADHESIVE OMPOSITION	COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	10/23/2006 06/01/2004 06/01/2004 06/01/2004	06817301.2 04012885.2 04012885.2 04012885.2	1943292 1602702 1602702 1602702 1602702	10/19/2011 602006025318.4 07/09/2014 1602702 07/09/2014 602004045425.7 07/09/2014 1602702
63554B-CN-PCD China CC SI AI AI FL PH 63554B-DE-EPT Germany CC 63619-CH-EPA Switzerland CC EF 63619-DE-EPA Germany CC European EF 63619-EP-EPA Procedure (Patents) CC 63619-FR-EPA France CC EF 63619-GB-EPA United Kingdom CC EF 63619-GB-EPA United Kingdom CC	ASED ADHESIVE OMPOSITION ILANE PREPOLYMER ND ISOCYANATE UNCTIONAL REPOLYMER BLEND ASED ADHESIVE OMPOSITION POXY ADHESIVE	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	10/23/2006 06/01/2004 06/01/2004 06/01/2004	06817301.2 04012885.2 04012885.2 04012885.2 04012885.2	1943292 1602702 1602702 1602702 1602702 1602702	10/19/2011 602006025318.4 67/09/2014 1602702 07/09/2014 602004045425.7 07/09/2014 1602702 07/09/2014 1602702
63554B-CN-PCD China CC SI AI AI AI 63554B-DE-EPT Germany CC 63619-CH-EPA Switzerland CC EF 63619-EP-EPA Germany CC European EF 63619-FR-EPA Procedure (Patents) CC 63619-FR-EPA France CC 63619-GB-EPA United Kingdom CC EF 63619-GB-EPA United Kingdom CC EF 63619A-BR-PCT Brazil CC EF	ASED ADHESIVE OMPOSITION ILANE PREPOLYMER ND ISOCYANATE UNCTIONAL REPOLYMER BLEND ASED ADHESIVE OMPOSITION POXY ADHESIVE OMPOSITION POXY ADHESIVE OMPOSITION	COMPANY CHE DOW CHEMICAL COMPANY CHE DOW CHEMICAL COMPANY CHE DOW CHEMICAL COMPANY CHE DOW CHEMICAL COMPANY CHE DOW CHEMICAL COMPANY CHE DOW CHEMICAL COMPANY CHE DOW CHEMICAL COMPANY CHE DOW CHEMICAL COMPANY CHE DOW CHEMICAL COMPANY CHE DOW CHEMICAL COMPANY CHE DOW CHEMICAL COMPANY CHE DOW CHEMICAL COMPANY CHE DOW CHEMICAL	10/23/2006 06/01/2004 06/01/2004 06/01/2004 06/01/2004 06/01/2004 05/27/2005	06817301.2 04012885.2 04012885.2 04012885.2 04012885.2 04012885.2	1943292 1602702 1602702 1602702 1602702 1602702	10/19/2011 602006025318.4 07/09/2014 1602702 07/09/2014 602004045425.7 07/09/2014 1602702 07/09/2014 1602702 07/09/2014 1602702 11/29/2016 Pl0510890.0
63554B-CN-PCD China CC SI Al Al Al BB/ BB/ G3554B-DE-EPT Germany CC G3619-CH-EPA Switzerland CC EF G3619-DE-EPA Germany CC EF G3619-EP-EPA Procedure (Patents) CC EF G3619-FR-EPA France CC G3619-G8-EPA United Kingdom CE G3619A-BR-PCT Brazil CC EF G3619A-CA-PCT Canada CC	ASED ADHESIVE OMPOSITION ILANE PREPOLYMER ND ISOCYANATE UNCTIONAL REPOLYMER BLEND ASED ADHESIVE OMPOSITION POXY ADHESIVE OMPOSITION	COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	10/23/2006 06/01/2004 06/01/2004 06/01/2004 06/01/2004	06817301.2 04012885.2 04012885.2 04012885.2 04012885.2 04012885.2	1943292 1602702 1602702 1602702 1602702 1602702	10/19/2011 602006025318.4 07/09/2014 1602702 07/09/2014 602004045425.7 07/09/2014 1602702 07/09/2014 1602702 07/09/2014 1602702
63554B-CN-PCD China CC SI AI FIL FIL FIL FIL FIL FIL FIL FIL FIL FI	ASED ADHESIVE OMPOSITION ILANE PREPOLYMER ND ISOCYANATE UNCTIONAL REPOLYMER BLEND ASED ADHESIVE OMPOSITION POXY ADHESIVE OMPOSITION	THE DOW CHEMICAL COMPANY	10/23/2006 06/01/2004 06/01/2004 06/01/2004 06/01/2004 05/27/2005 05/27/2005	06817301.2 04012885.2 04012885.2 04012885.2 04012885.2 04012885.2	1943292 1602702 1602702 1602702 1602702 1602702	10/19/2011 602006025318.4 07/09/2014 1602702 07/09/2014 602004045425.7 07/09/2014 1602702 07/09/2014 1602702 07/09/2014 1602702 11/29/2016 Pl0510890.0
63554B-CN-PCD China CC SI AI FL	ASED ADHESIVE OMPOSITION ILANE PREPOLYMER ND ISOCYANATE UNCTIONAL REPOLYMER BLEND ASED ADHESIVE OMPOSITION POXY ADHESIVE	ETHE DOW CHEMICAL COMPANY THE DOW CHEMICAL	10/23/2006 06/01/2004 06/01/2004 06/01/2004 06/01/2004 05/27/2005 05/27/2005	06817301.2 04012885.2 04012885.2 04012885.2 04012885.2 04012885.2 PI0510890.0 2568290	1943292 1602702 1602702 1602702 1602702 1602702	10/19/2011 602006025318.4 07/09/2014 1602702 07/09/2014 602004045425.7 07/09/2014 1602702 07/09/2014 1602702 07/09/2014 1602702 11/29/2016 PI0510890.0 01/21/2014 2568290
63554B-CN-PCD China CC SI AI AI FL PP PP 63554B-DE-EPT Germany CC 63619-CH-EPA Switzerland CC EI 63619-DE-EPA Germany CC European EF 63619-EP-EPA Procedure (Patents) CC 63619-FR-EPA France CC 63619-FR-EPA France CC 63619-BR-PCT Brazil CC 63619A-CA-PCT Canada CC 63619A-CA-PCT China CC 63619A-IP-PCT Japan CC 63619A-IP-PCT Lapan CC 63619A-IP-P	ASED ADHESIVE OMPOSITION ILANE PREPOLYMER ND ISOCYANATE UNCTIONAL REPOLYMER BLEND ASED ADHESIVE OMPOSITION POXY ADHESIVE	COMPANY CHE DOW CHEMICAL COMPANY CHE DOW CHEMICAL	10/23/2006 06/01/2004 06/01/2004 06/01/2004 06/01/2004 05/27/2005 05/27/2005 05/27/2005	06817301.2 04012885.2 04012885.2 04012885.2 04012885.2 04012885.2 PI0510890.0 2568290 200580020913.9	1943292 1602702 1602702 1602702 1602702 1602702	10/19/2011 602006025318.4 07/09/2014 1602702 07/09/2014 602004045425.7 07/09/2014 1602702 07/09/2014 1602702 07/09/2014 1602702 11/29/2016 Pl0510890.0 01/21/2014 2568290 06/29/2011 200580020913.9 07/06/2012 5032306
63554B-CN-PCD China CC SI AI AI FL PH 63554B-DE-EPT Germany CC 63619-CH-EPA Switzerland CC 63619-DE-EPA Germany CC European EF 63619-EP-EPA Procedure (Patents) CC 63619-FR-EPA France CC 63619-GB-EPA United Kingdom CC 63619A-BR-PCT Brazil CC 63619A-CA-PCT Canada EF 63619A-CA-PCT China CC 63619A-JP-PCT Japan CC 63619A-JP-PCT Japan CC 63619A-JP-PCT Japan CC 63619A-KR-PCT SOUTH KOREA	ASED ADHESIVE OMPOSITION ILANE PREPOLYMER ND ISOCYANATE UNCTIONAL REPOLYMER BLEND ASED ADHESIVE OMPOSITION OMPOSITION POXY ADHESIVE OMPOSITION	COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	10/23/2006 06/01/2004 06/01/2004 06/01/2004 06/01/2004 05/27/2005 05/27/2005 05/27/2005	06817301.2 04012885.2 04012885.2 04012885.2 04012885.2 04012885.2 Pl0510890.0 2568290	1943292 1602702 1602702 1602702 1602702 1602702	10/19/2011 602006025318.4 67/09/2014 1602702 07/09/2014 602004045425.7 07/09/2014 1602702 07/09/2014 1602702 07/09/2014 1602702 11/29/2016 Pl0510890.0 01/21/2014 2568290 06/29/2011 200580020913.9
63554B-CN-PCD China CC SI Al Al FE FR 63554B-DE-EPT Germany CC 63619-CH-EPA Switzerland CC 63619-DE-EPA Germany CC 63619-EP-EPA Procedure (Patents) CC 63619-FR-EPA France CC 63619-BR-PCT Brazil CC 63619A-BR-PCT Brazil CC 63619A-CA-PCT Canada CC 63619A-CN-PCT China CC 63619A-IP-PCT Japan CC 63619A-IP-PCT SOUTH KOREA CC 63619A-KR-PCT SOUTH KOREA CC 63619A-US-PCT America CC 63619A-US-PCT America CC 63619A-US-PCT America CC	ASED ADHESIVE OMPOSITION ILANE PREPOLYMER ND ISOCYANATE UNCTIONAL REPOLYMER BLEND ASED ADHESIVE OMPOSITION OMPOSITION POXY ADHESIVE OMPOSITION	COMPANY THE DOW CHEMICAL COMPANY	10/23/2006 06/01/2004 06/01/2004 06/01/2004 06/01/2004 05/27/2005 05/27/2005 05/27/2005	06817301.2 04012885.2 04012885.2 04012885.2 04012885.2 04012885.2 PIO510890.0 2568290 200580020913.9 2007-513815 10-2006-7027532	1943292 1602702 1602702 1602702 1602702 1602702	10/19/2011 602006025318.4 07/09/2014 1602702 07/09/2014 602004045425.7 07/09/2014 1602702 07/09/2014 1602702 07/09/2014 1602702 11/29/2016 Pl0510890.0 01/21/2014 2568290 06/29/2011 200580020913.9 07/06/2012 5032306
63554B-CN-PCD China CC SI AI AI FIL FIL FIL FIL FIL FIL FIL FIL FIL FI	ASED ADHESIVE OMPOSITION ILANE PREPOLYMER ND ISOCYANATE UNCTIONAL REPOLYMER BLEND ASED ADHESIVE OMPOSITION OMPOSITION POXY ADHESIVE	COMPANY CHE DOW CHEMICAL COMPANY CHE DOW CHEMICAL	10/23/2006 06/01/2004 06/01/2004 06/01/2004 06/01/2004 05/27/2005 05/27/2005 05/27/2005 05/27/2005	06817301.2 04012885.2 04012885.2 04012885.2 04012885.2 04012885.2 P10510890.0 2568290 200580020913.9 2007-513815 10-2006-7027532 11/597978	1943292 1602702 1602702 1602702 1602702 1602702 10-2007-2667(2008-0045670	10/19/2011 602006025318.4 07/09/2014 1602702 07/09/2014 602004045425.7 07/09/2014 1602702 07/09/2014 1602702 07/09/2014 1602702 11/29/2016 Pl0510890.0 01/21/2014 2568290 06/29/2011 200580020913.9 07/06/2012 5032306 05/25/2012 10-1152485

63666-CH-EPA	Switzerland	EPOXY ADHESIVE COMPOSITION	THE DOW CHEMICAL COMPANY	03/12/2004	04005984.2	1574537	01/24/2007 1574537
63666-DE-EPA	Germany	EPOXY ADHESIVE COMPOSITION	THE DOW CHEMICAL COMPANY	03/12/2004	04005984.2	1574537	01/24/2007 1574537
63666-ES-EPA	Spain	EPOXY ADHESIVE COMPOSITION EPOXY ADHESIVE	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	03/12/2004	04005984.2	1574537	01/24/2007 1574537
63666-FR-EPA	France	COMPOSITION	COMPANY	03/12/2004	04005984.2	1574537	01/24/2007 1574537
63666-GB-EPA	United Kingdom	EPOXY ADHESIVE COMPOSITION	THE DOW CHEMICAL COMPANY	03/12/2004	04005984.2	1574537	01/24/2007 1574537
63666-IT-EPA	Italy	EPOXY ADHESIVE COMPOSITION	THE DOW CHEMICAL COMPANY	03/12/2004	04005984.2	1574537	01/24/2007 1574537
63666-TR-EPA	Turkey	EPOXY ADHESIVE COMPOSITION	THE DOW CHEMICAL COMPANY	03/12/2004	04005984.2	1574537	01/24/2007 TR200702437
63666A-BR-PCT	Brazil	EPXOY ADHESIVE COMPOSITION	THE DOW CHEMICAL COMPANY	03/07/2005	PI0506523.2		
63666A-CN-PCT	China	EPXOY ADHESIVE COMPOSITION	THE DOW CHEMICAL COMPANY	03/07/2005	200580007356.7		05/18/2011 200580007356.7
63666A-JP-PCT	Japan	EPXOY ADHESIVE COMPOSITION	THE DOW CHEMICAL COMPANY	03/07/2005	2007-502252		10/05/2012 5102018
63666A-KR-PCT	SOUTH KOREA	EPXOY ADHESIVE COMPOSITION	THE DOW CHEMICAL COMPANY	03/07/2005	10-2006-7018504		05/22/2012 10-1151092
	United States Of	TOUGHENED EPOXY ADHESIVE	THE DOW CHEMICAL				
63666B-US-NP	America	COMPOSITION	COMPANY	03/11/2005	11/078088	2005-0209401	03/22/2011 7910656
	United States Of	PROTECTIVE COATING FOR	THE DOW CHEMICAL				
63834A-US-CNT	America	WINDOW GLASS PROTECTIVE	COMPANY	11/02/2011	13/287205	2012-0046375	09/25/2012 8273801
C20244 UC DN4	United States Of	COATING FOR WINDOW GLASS	THE DOW CHEMICAL	08/20/2010	12/050022	2010 021 0220	12/20/2011 2020200
63834A-US-DIV	America	PROTECTIVE		08/20/2010	12/859822	2010-0316828	12/20/2011 8080299
63834A-US-NP	United States Of America	COATING FOR WINDOW GLASS	THE DOW CHEMICAL COMPANY	06/20/2006	11/472119	2006-0287408	08/24/2010 7781493
		PROTECTIVE COATING FOR	THE DOW CHEMICAL				
63834B-CN-PCT	China	WINDOW GLASS PROTECTIVE	COMPANY	06/20/2006	200680022251.3	200680022251	11/21/2012 200680022251.3
63834B-DE-EPT	Germany	COATING FOR WINDOW GLASS	THE DOW CHEMICAL COMPANY	06/20/2006	06773798.1	1904589	03/08/2017 602006051917.6
63834C-US-CIP	United States Of America	COATED GLASS ARTICLES	THE DOW CHEMICAL COMPANY	12/20/2006	11/643455	2007-0151178	08/31/2010 7786183
63834D-CN-PCT	China	COATED GLASS ARTICLES	THE DOW CHEMICAL COMPANY	12/20/2006	200680055032.5	101472852	02/08/2012 200680055032.5
63834D-DE-EPT	Germany	COATED GLASS ARTICLES	THE DOW CHEMICAL COMPANY	12/20/2006	06848064.9	2035341	04/06/2016 202006048575.1
63834D-FR-EPT	France	COATED GLASS ARTICLES	THE DOW CHEMICAL COMPANY		06848064.9	2035341	04/06/2016 2035341
***************************************		COATED GLASS	THE DOW CHEMICAL				
63834D-GB-EPT	United Kingdom	ARTICLES COATED GLASS	COMPANY THE DOW CHEMICAL	12/20/2006	06848064.9	2035341	04/06/2016 2035341
63834D-IT-EPT	Italy United States Of	ARTICLES ADHESION	COMPANY THE DOW CHEMICAL	12/20/2006	06848064.9	2035341	04/06/2016 50201600006137
63835A-US-NP	America	PROMOTER HIGH-MODULUS,	COMPANY	09/01/2005	11/217243	2006-0051605	02/16/2010 7662482
		NONCONDUCTIVE					
	United States Of	ADHESIVE USEFUL FOR INSTALLING	THE DOW CHEMICAL				
63906-US-NP	America	VEHICLE WINDOWS HIGH-MODULUS,	COMPANY	11/08/2004	10/983387	2006-0096694	04/22/2008 7361292
		NONCONDUCTIVE ADHESIVE USEFUL					
		FOR INSTALLING	THE DOW CHEMICAL				
63906A-BR-PCT	Brazil	VEHICLE WINDOWS HIGH-MODULUS,	COMPANY	11/01/2005	PI0516332.3	PI0516332.3	11/14/2017 PI0516332.3
		NONCONDUCTIVE ADHESIVE USEFUL					
ESQUEY OF BOT	Camada	FOR INSTALLING	THE DOW CHEMICAL COMPANY	11/01/2006	2590157		04/29/2014 2580157
63906A-CA-PCT	Canada	HIGH-MODULUS,	SCIVITAINT	11/01/2005	でつの (下つ)		0-1/22/2014 C30013/
		NONCONDUCTIVE ADHESIVE USEFUL					
63906A-CN-PCT	China	FOR INSTALLING VEHICLE WINDOWS	THE DOW CHEMICAL COMPANY	11/01/2005	200580037571.1		08/11/2010 200580037571.1

HIGH-MODULUS, NONCONDUCTIVE ADHESIVE USEFUL				
FOR INSTALLING 53906A-DE-EPT Germany VEHICLE WINDOWS HIGH-MODULUS,	THE DOW CHEMICAL COMPANY	11/01/2005 05816578.8	1812490 (07/07/2010 602005022219.7
NONCONDUCTIVE ADHESIVE USEFUL	THE DOWN CHEMICAL			
FOR INSTALLING 63906A-FR-EPT France VEHICLE WINDOWS HIGH-MODULUS,	THE DOW CHEMICAL COMPANY	11/01/2005 05816578.8	1812490	07/07/2010 1812490
NONCONDUCTIVE ADHESIVE USEFUL FOR INSTALLING	THE DOW CHEMICAL			
63906A-GB-EPT United Kingdom VEHICLE WINDOWS HIGH-MODULUS,	COMPANY	11/01/2005 05816578.8	1812490	07/07/2010 1812490
NONCONDUCTIVE ADHESIVE USEFUL FOR INSTALLING	THE DOW CHEMICAL			
63906A-IN-PCT India VEHICLE WINDOWS HIGH-MODULUS, NONCONDUCTIVE	COMPANY	11/01/2005 1954/CHENP/07	(05/12/2014 260610
ADHESIVE USEFUL FOR INSTALLING	THE DOW CHEMICAL			
63906A-IT-EPT Italy VEHICLE WINDOWS: HIGH-MODULUS, NONCONDUCTIVE	COMPANY	11/01/2005 05816578.8	1812490 (07/07/2010 1812490
ADHESIVE USEFUL FOR INSTALLING 63906A-JP-PCT Japan VEHICLE WINDOWS	THE DOW CHEMICAL	11/01/2005 2007 540250	2008-519141	40 Jan Jaona - Faonana
63906A-IP-PCT Japan VEHICLE WINDOWS HIGH-MODULUS, NONCONDUCTIVE	CONTRACT	11/01/2005 2007-540359	2006-319141	10/25/2013 5394641
ADHESIVE USEFUL FOR INSTALLING 63906A-KR-PCT SOUTH KOREA VEHICLE WINDOWS	THE DOW CHEMICAL COMPANY	11/01/2005 10-2007-7010305		01/18/2013 10-1226337
HIGH MODULUS NONCONDUCTIVE ADHESIVE USEFUL				
United States Of FOR INSTALLING 63906B-US-DIV[1] America VEHICLE WINDOWS	THE DOW CHEMICAL COMPANY	06/14/2007 11/818431	2007-0240808	08/10/2010 7771622
HIGH MODULUS NONCONDUCTIVE ADHESIVE USEFUL				
United States Of FOR INSTALLING 63906C-US-DIV[1] America VEHICLE WINDOWS HIGH-MODULUS	THE DOW CHEMICAL COMPANY	10/24/2007 11/877870	2008-0041521	05/19/2009 7534375
NONCONDUCTIVE ADHESIVE USEFUL				
United States Of FOR INSTALLING 63906D-US-CNT[1]America VEHICLE WINDOWS TWO-COMPONENT	THE DOW CHEMICAL COMPANY	12/20/2007 11/961614	2008-0099142	11/10/2009 7615167
EPOXY ADHESIVE 63919B-CH-EPT Switzerland COMPOSITION TWO-COMPONENT	THE DOW CHEMICAL COMPANY	02/28/2006 06721115.1	1885764	05/20/2009 1885764
EPOXY ADHESIVE 63919B-DE-EPT Germany COMPOSITION	THE DOW CHEMICAL COMPANY	02/28/2006 06721115.1	1885764	05/20/2009 602006006907.3
TWO-COMPONENT EPOXY ADHESIVE 63919B-ES-EPT Spain COMPOSITION	THE DOW CHEMICAL COMPANY	02/28/2006 06721115.1	1885764	05/20/2009 2323894
TWO-COMPONENT EPOXY ADHESIVE 63919B-FR-EPT France COMPOSITION	THE DOW CHEMICAL	02/28/2006 06721115.1	1885764	05/20/2009 1885764
TWO-COMPONENT EPOXY ADHESIVE 639198-GB-EPT United Kingdom COMPOSITION	THE DOW CHEMICAL	02/28/2006 06721115.1		
TWO-COMPONENT EPOXY ADHESIVE	THE DOW CHEMICAL			05/20/2009 1885764
63919B-IT-EPT Italy COMPOSITION TWO-COMPONENT EPOXY ADHESIVE	COMPANY THE DOW CHEMICAL	02/28/2006 06721115.1	1885764	05/20/2009 1885764
63919B-JP-PCT Japan COMPOSITION TWO-COMPONENT EPOXY ADHESIVE	COMPANY THE DOW CHEMICAL	02/28/2006 2007-558128	2008-531817	05/11/2012 4991575
63919B-KR-PCT SOUTH KOREA COMPOSITION	COMPANY	02/28/2006 10-2007-7019536	ı	03/18/2013 10-1247047

639198-TR-EPT Turkey	TWO-COMPONENT EPOXY ADHESIVE COMPOSITION TWO-COMPONENT	THE DOW CHEMICAL COMPANY	02/28/2006 06721115:1	1885764	05/20/2009 TR200905521
United States Of	EPOXY ADHESIVE	THE DOW CHEMICAL			
63919C-US-NP America	COMPOSITION	COMPANY	02/28/2006 11/363692	2006-0205897	03/31/2009 7511097
	TWO-COMPONENT				
United States Of	EPOXY ADHESIVE	THE DOW CHEMICAL			
63919D-US-DIV[1] America	COMPOSITION	COMPANY	10/16/2008 12/252521	2009-0065143	11/16/2010 7834091
	TWO-COMPONENT				
United States Of	EPOXY ADHESIVE	THE DOW CHEMICAL			
63919D-US-DIV[2] America	COMPOSITION	COMPANY	09/30/2010 12/894352	2011-0020652	05/31/2011 7951456
03515B-03-BIV[2] America	METHOD OF	\$4501911.7519.1	03/30/2010 12/034332	2011-0020032	03/31/2011 7331430
United States Of	PRIMERLESS	THE DOW CHEMICAL			
	BONDING	COMPANY	01/18/2012 13/352771	2013-0029074	07/15/2014 0279120
63921A-US-CNT America	METHOD OF	COMPANI	01/16/2012 13/332//1	2013-0053014	07/15/2014 8778128
		THE DOWN CHEMICAL			
C2C21B CN BCT China	PRIMERLESS BONDING	THE DOW CHEMICAL	10/20/2005 200500027	100 V	12/10/2012 200F90027209 V
63921B-CN-PCT China		COMPANY	10/28/2005 200580037	2U8.X	12/19/2012 200580037208.X
	METHOD OF	TIVE # 6141 #14F1 1461			
500345 Br 585 6	PRIMERLESS	THE DOW CHEMICAL		100-100	
639218-DE-EPT Germany	BONDING	COMPANY	10/28/2005 05825086.1	1807468	12/10/2014 602005045427.6
	ENCAPSULATED				
	PANEL ASSEMBLIES				
United States Of	AND METHODS FOR	THE DOW CHEMICAL			
63994A-US-NP America	MAKING SAME	COMPANY	12/18/2007 11/958983	2008-0213545	05/10/2011 7939161
	ENCAPSULATED				
	PANEL ASSEMBLIES				
	AND METHODS FOR				
639948-DE-EPT Germany	MAKING SAME	COMPANY	12/18/2007 07855238.7	2094463	07/27/2016 602007047223.7
	ENCAPSULATED				
	PANEL ASSEMBLIES				
	AND METHODS FOR	THE DOW CHEMICAL			
63994B-FR-EPT France	MAKING SAME	COMPANY	12/18/2007 07855238.7	2094463	07/27/2016 2094463
	ENCAPSULATED				
	PANEL ASSEMBLIES				
	AND METHODS FOR	THE DOW CHEMICAL			
63994B-GB-EPT United Kingdom	MAKING SAME	COMPANY	12/18/2007 07855238.7	2094463	07/27/2016 2094463
	ENICADOLULATED				
	ENCAPSULATED				
	PANEL ASSEMBLIES				
		THE DOW CHEMICAL			
63994B-IT-EPT Italy	PANEL ASSEMBLIES	THE DOW CHEMICAL	12/18/2007 07855238.7	2094463	07/27/2016 50201600010640
63994B-IT-EPT Italy United States Of	PANEL ASSEMBLIES AND METHODS FOR		12/18/2007 07855238.7	2094463	07/27/2016 50201600010640
	PANEL ASSEMBLIES AND METHODS FOR MAKING SAME	COMPANY	12/18/2007 07855238.7 02/24/2006 11/361423	2094463 2007-0277925	07/27/2016 50201600010640 07/14/2009 7560003
United States Of	PANEL ASSEMBLIES AND METHODS FOR MAKING SAME BONDED HYBRID	COMPANY THE DOW CHEMICAL			
United States Of	PANEL ASSEMBLIES AND METHODS FOR MAKING SAME BONDED HYBRID STRUCTURE	COMPANY THE DOW CHEMICAL			
United States Of	PANEL ASSEMBLIES AND METHODS FOR MAKING SAME BONDED HYBRID STRUCTURE AMPHIPHILIC BLOCK	COMPANY THE DOW CHEMICAL			
United States Of	PANEL ASSEMBLIES AND METHODS FOR MAKING SAME BONDED HYBRID STRUCTURE AMPHIPHILIC BLOCK COPOLYMER-	COMPANY THE DOW CHEMICAL			
United States Of	PANEL ASSEMBLIES AND METHODS FOR MAKING SAME BONDED HYBRID STRUCTURE AMPHIPHILIC BLOCK COPOLYMER- MODIFIED EPOXY	COMPANY THE DOW CHEMICAL			
United States Of	PANEL ASSEMBLIES AND METHODS FOR MAKING SAME BONDED HYBRID STRUCTURE AMPHIPHILIC BLOCK COPOLYMER- MODIFIED EPOXY RESINS AND	COMPANY THE DOW CHEMICAL COMPANY		2007-0277926	
United States Of 64037A-US-NP America	PANEL ASSEMBLIES AND METHODS FOR MAKING SAME BONDED HYBRID STRUCTURE AMPHIPHILIC BLOCK COPOLYMER- MODIFIED EPOXY RESINS AND ADHESIVES MADE	COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	02/24/2006 11/361423	2007-0277926	07/14/2009 7560003
United States Of 64037A-US-NP America	PANEL ASSEMBLIES AND METHODS FOR MAKING SAME BONDED HYBRID STRUCTURE AMPHIPHILIC BLOCK COPOLYMER- MODIFIED EPOXY RESINS AND ADHESIVES MADE THEREFROM	COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	02/24/2006 11/361423	2007-0277926	07/14/2009 7560003
United States Of 64037A-US-NP America	PANEL ASSEMBLIES AND METHODS FOR MAKING SAME BONDED HYBRID STRUCTURE AMPHIPHILIC BLOCK COPOLYMER- MODIFIED EPOXY RESINS AND ADHESIVES MADE THEREFROM AMPHIPHILIC BLOCK	COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	02/24/2006 11/361423	2007-0277926	07/14/2009 7560003
United States Of 64037A-US-NP America	PANEL ASSEMBLIES AND METHODS FOR MAKING SAME BONDED HYBRID STRUCTURE AMPHIPHILIC BLOCK COPOLYMER- MODIFIED EPOXY RESINS AND ADHESIVES MADE THEREFROM AMPHIPHILIC BLOCK COPOLYMER-	COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	02/24/2006 11/361423	2007-0277926	07/14/2009 7560003
United States Of 64037A-US-NP America	PANEL ASSEMBLIES AND METHODS FOR MAKING SAME BONDED HYBRID STRUCTURE AMPHIPHILIC BLOCK COPOLYMER- MODIFIED EPOXY RESINS AND ADHESIVES MADE THEREFROM AMPHIPHILIC BLOCK COPOLYMER- TOUGHENED EPOXY	COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	02/24/2006 11/361423	2007-0277926	07/14/2009 7560003
United States Of 64037A-US-NP America	PANEL ASSEMBLIES AND METHODS FOR MAKING SAME BONDED HYBRID STRUCTURE AMPHIPHILIC BLOCK COPOLYMER- MODIFIED EPOXY RESINS AND ADHESIVES MADE THEREFROM AMPHIPHILIC BLOCK COPOLYMER- TOUGHENED EPOXY RESINS AND	COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	02/24/2006 11/361423	2007-0277926 2003-9 101864261	07/14/2009 7560003
United States Of 64037A-US-NP America 64068A-CN-PCD China	PANEL ASSEMBLIES AND METHODS FOR MAKING SAME BONDED HYBRID STRUCTURE AMPHIPHILIC BLOCK COPOLYMER- MODIFIED EPOXY RESINS AND ADHESIVES MADE THEREFROM AMPHIPHILIC BLOCK COPOLYMER- TOUGHENED EPOXY RESINS AND ADHESIVES MADE	COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	02/24/2006 11/361423 06/04/2010 2010101986	2007-0277926 2003-9 101864261	07/14/2009 7560003 09/05/2012 201010198603.9
United States Of 64037A-US-NP America 64068A-CN-PCD China	PANEL ASSEMBLIES AND METHODS FOR MAKING SAME BONDED HYBRID STRUCTURE AMPHIPHILIC BLOCK COPOLYMER- MODIFIED EPOXY RESINS AND ADHESIVES MADE THEREFROM AMPHIPHILIC BLOCK COPOLYMER- TOUGHENED EPOXY RESINS AND ADHESIVES MADE THEREFROM AMPHIPHILIC BLOCK COPOLYMER- TOUGHENED EPOXY RESINS AND ADHESIVES MADE THEREFROM	COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	02/24/2006 11/361423 06/04/2010 2010101986	2007-0277926 2003-9 101864261	07/14/2009 7560003 09/05/2012 201010198603.9
United States Of 64037A-US-NP America 64068A-CN-PCD China	PANEL ASSEMBLIES AND METHODS FOR MAKING SAME BONDED HYBRID STRUCTURE AMPHIPHILIC BLOCK COPOLYMER- MODIFIED EPOXY RESINS AND ADHESIVES MADE THEREFROM AMPHIPHILIC BLOCK COPOLYMER- TOUGHENED EPOXY RESINS AND ADHESIVES MADE THEREFROM AMPHIPHILIC BLOCK	COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	02/24/2006 11/361423 06/04/2010 2010101986	2007-0277926 2003-9 101864261	07/14/2009 7560003 09/05/2012 201010198603.9
United States Of 64037A-US-NP America 64068A-CN-PCD China	PANEL ASSEMBLIES AND METHODS FOR MAKING SAME BONDED HYBRID STRUCTURE AMPHIPHILIC BLOCK COPOLYMER- MODIFIED EPOXY RESINS AND ADHESIVES MADE THEREFROM AMPHIPHILIC BLOCK COPOLYMER- TOUGHENED EPOXY RESINS AND ADHESIVES MADE THEREFROM AMPHIPHILIC BLOCK COPOLYMER- THEREFROM AMPHIPHILIC BLOCK COPOLYMER-	COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	02/24/2006 11/361423 06/04/2010 2010101986	2007-0277926 2003-9 101864261	07/14/2009 7560003 09/05/2012 201010198603.9
United States Of 64037A-US-NP America 64068A-CN-PCD China	PANEL ASSEMBLIES AND METHODS FOR MAKING SAME BONDED HYBRID STRUCTURE AMPHIPHILIC BLOCK COPOLYMER- MODIFIED EPOXY RESINS AND ADHESIVES MADE THEREFROM AMPHIPHILIC BLOCK COPOLYMER- TOUGHENED EPOXY RESINS AND ADHESIVES MADE THEREFROM AMPHIPHILIC BLOCK COPOLYMER- TOUGHENED EPOXY COPOLYMER- TOUGHENED EPOXY	COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	02/24/2006 11/361423 06/04/2010 2010101986	2007-0277926 2003-9 101864261	07/14/2009 7560003 09/05/2012 201010198603.9
United States Of 64037A-US-NP America 64068A-CN-PCD China	PANEL ASSEMBLIES AND METHODS FOR MAKING SAME BONDED HYBRID STRUCTURE AMPHIPHILIC BLOCK COPOLYMER- MODIFIED EPOXY RESINS AND ADHESIVES MADE THEREFROM AMPHIPHILIC BLOCK COPOLYMER- TOUGHENED EPOXY RESINS AND ADHESIVES MADE THEREFROM AMPHIPHILIC BLOCK COPOLYMER- TOUGHENED EPOXY RESINS AND AMPHIPHILIC BLOCK COPOLYMER- TOUGHENED EPOXY RESINS AND	COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	02/24/2006 11/361423 06/04/2010 2010101986	2007-0277926 503.9 101864261 535.7	07/14/2009 7560003 09/05/2012 201010198603.9
G4068A-CN-PCT China United States Of America 64068A-CN-PCD China	PANEL ASSEMBLIES AND METHODS FOR MAKING SAME BONDED HYBRID STRUCTURE AMPHIPHILIC BLOCK COPOLYMER- MODIFIED EPOXY RESINS AND ADHESIVES MADE THEREFROM AMPHIPHILIC BLOCK COPOLYMER- TOUGHENED EPOXY RESINS AND ADHESIVES MADE THEREFROM AMPHIPHILIC BLOCK COPOLYMER- TOUGHENED EPOXY RESINS AND ADHESIVES MADE THEREFROM AMPHIPHILIC BLOCK COPOLYMER- TOUGHENED EPOXY RESINS AND ADHESIVES MADE	COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	02/24/2006 11/361423 06/04/2010 2010101980 11/02/2005 2005800388	2007-0277926 503.9 101864261 535.7	07/14/2009 7560003 09/05/2012 201010198603.9 09/29/2010 200580038535.7
G4068A-CN-PCT China United States Of America 64068A-CN-PCD China	PANEL ASSEMBLIES AND METHODS FOR MAKING SAME BONDED HYBRID STRUCTURE AMPHIPHILIC BLOCK COPOLYMER- MODIFIED EPOXY RESINS AND ADHESIVES MADE THEREFROM AMPHIPHILIC BLOCK COPOLYMER- TOUGHENED EPOXY RESINS AND ADHESIVES MADE THEREFROM AMPHIPHILIC BLOCK COPOLYMER- TOUGHENED EPOXY RESINS AND ADHESIVES MADE THEREFROM AMPHIPHILIC BLOCK COPOLYMER- TOUGHENED EPOXY RESINS AND ADHESIVES MADE THEREFROM AMPHIPHILIC BLOCK COPOLYMER- TOUGHENED EPOXY RESINS AND ADHESIVES MADE THEREFROM	COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	02/24/2006 11/361423 06/04/2010 2010101980 11/02/2005 2005800388	2007-0277926 503.9 101864261 535.7	07/14/2009 7560003 09/05/2012 201010198603.9 09/29/2010 200580038535.7
G4068A-CN-PCT China United States Of America 64068A-CN-PCD China	PANEL ASSEMBLIES AND METHODS FOR MAKING SAME BONDED HYBRID STRUCTURE AMPHIPHILIC BLOCK COPOLYMER- MODIFIED EPOXY RESINS AND ADHESIVES MADE THEREFROM AMPHIPHILIC BLOCK COPOLYMER- TOUGHENED EPOXY RESINS AND ADHESIVES MADE THEREFROM AMPHIPHILIC BLOCK COPOLYMER- TOUGHENED EPOXY RESINS AND ADHESIVES MADE THEREFROM AMPHIPHILIC BLOCK COPOLYMER- TOUGHENED EPOXY RESINS AND ADHESIVES MADE THEREFROM AMPHIPHILIC BLOCK THEREFROM AMPHIPHILIC BLOCK	COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	02/24/2006 11/361423 06/04/2010 2010101980 11/02/2005 2005800388	2007-0277926 503.9 101864261 535.7	07/14/2009 7560003 09/05/2012 201010198603.9 09/29/2010 200580038535.7
G4068A-CN-PCT China United States Of America 64068A-CN-PCD China	PANEL ASSEMBLIES AND METHODS FOR MAKING SAME BONDED HYBRID STRUCTURE AMPHIPHILIC BLOCK COPOLYMER- MODIFIED EPOXY RESINS AND ADHESIVES MADE THEREFROM AMPHIPHILIC BLOCK COPOLYMER- TOUGHENED EPOXY RESINS AND ADHESIVES MADE THEREFROM AMPHIPHILIC BLOCK COPOLYMER- TOUGHENED EPOXY RESINS AND ADHESIVES MADE THEREFROM AMPHIPHILIC BLOCK COPOLYMER- TOUGHENED EPOXY RESINS AND ADHESIVES MADE THEREFROM AMPHIPHILIC BLOCK COPOLYMER- THEREFROM AMPHIPHILIC BLOCK COPOLYMER-	COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	02/24/2006 11/361423 06/04/2010 2010101980 11/02/2005 2005800388	2007-0277926 503.9 101864261 535.7	07/14/2009 7560003 09/05/2012 201010198603.9 09/29/2010 200580038535.7
G4068A-CN-PCT China United States Of America 64068A-CN-PCD China	PANEL ASSEMBLIES AND METHODS FOR MAKING SAME BONDED HYBRID STRUCTURE AMPHIPHILIC BLOCK COPOLYMER- MODIFIED EPOXY RESINS AND ADHESIVES MADE THEREFROM AMPHIPHILIC BLOCK COPOLYMER- TOUGHENED EPOXY RESINS AND ADHESIVES MADE THEREFROM AMPHIPHILIC BLOCK COPOLYMER- TOUGHENED EPOXY RESINS AND ADHESIVES MADE THEREFROM AMPHIPHILIC BLOCK COPOLYMER- TOUGHENED EPOXY RESINS AND ADHESIVES MADE THEREFROM AMPHIPHILIC BLOCK COPOLYMER- TOUGHENED EPOXY	COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	02/24/2006 11/361423 06/04/2010 2010101980 11/02/2005 2005800388	2007-0277926 503.9 101864261 535.7	07/14/2009 7560003 09/05/2012 201010198603.9 09/29/2010 200580038535.7
G4068A-CN-PCT China G4068A-DE-EPT Germany	PANEL ASSEMBLIES AND METHODS FOR MAKING SAME BONDED HYBRID STRUCTURE AMPHIPHILIC BLOCK COPOLYMER- MODIFIED EPOXY RESINS AND ADHESIVES MADE THEREFROM AMPHIPHILIC BLOCK COPOLYMER- TOUGHENED EPOXY RESINS AND ADHESIVES MADE THEREFROM AMPHIPHILIC BLOCK COPOLYMER- TOUGHENED EPOXY RESINS AND ADHESIVES MADE THEREFROM AMPHIPHILIC BLOCK COPOLYMER- TOUGHENED EPOXY RESINS AND ADHESIVES MADE THEREFROM AMPHIPHILIC BLOCK COPOLYMER- TOUGHENED EPOXY RESINS AND	COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	02/24/2006 11/361423 06/04/2010 2010101980 11/02/2005 2005800388	2007-0277926 503.9 101864261 535.7	07/14/2009 7560003 09/05/2012 201010198603.9 09/29/2010 200580038535.7
G4068A-CN-PCT China 64068A-CN-PCT Germany United States Of Linited States Of	PANEL ASSEMBLIES AND METHODS FOR MAKING SAME BONDED HYBRID STRUCTURE AMPHIPHILIC BLOCK COPOLYMER- MODIFIED EPOXY RESINS AND ADHESIVES MADE THEREFROM AMPHIPHILIC BLOCK COPOLYMER- TOUGHENED EPOXY RESINS AND ADHESIVES MADE THEREFROM AMPHIPHILIC BLOCK COPOLYMER- TOUGHENED EPOXY RESINS AND ADHESIVES MADE THEREFROM AMPHIPHILIC BLOCK COPOLYMER- TOUGHENED EPOXY RESINS AND ADHESIVES MADE THEREFROM AMPHIPHILIC BLOCK COPOLYMER- TOUGHENED EPOXY RESINS AND ADHESIVES MADE THEREFROM AMPHIPHILIC BLOCK COPOLYMER- TOUGHENED EPOXY RESINS AND ADHESIVES MADE	THE DOW CHEMICAL COMPANY	02/24/2006 11/361423 06/04/2010 2010101980 11/02/2005 2005800389 11/02/2005 05818168.6	2007-0277926 503.9 101864261 535.7	07/14/2009 7560003 09/05/2012 201010198603.9 09/29/2010 200580038535.7 01/06/2010 602005018806.1
G4068A-CN-PCT China 64068A-CN-PCT Germany United States Of Linited States Of	PANEL ASSEMBLIES AND METHODS FOR MAKING SAME BONDED HYBRID STRUCTURE AMPHIPHILIC BLOCK COPOLYMER- MODIFIED EPOXY RESINS AND ADHESIVES MADE THEREFROM AMPHIPHILIC BLOCK COPOLYMER- TOUGHENED EPOXY RESINS AND ADHESIVES MADE THEREFROM AMPHIPHILIC BLOCK COPOLYMER- TOUGHENED EPOXY RESINS AND ADHESIVES MADE THEREFROM AMPHIPHILIC BLOCK COPOLYMER- TOUGHENED EPOXY RESINS AND ADHESIVES MADE THEREFROM AMPHIPHILIC BLOCK COPOLYMER- TOUGHENED EPOXY RESINS AND ADHESIVES MADE THEREFROM AMPHIPHILIC BLOCK COPOLYMER- TOUGHENED EPOXY RESINS AND ADHESIVES MADE	THE DOW CHEMICAL COMPANY	02/24/2006 11/361423 06/04/2010 2010101980 11/02/2005 2005800389 11/02/2005 05818168.6	2007-0277926 503.9 101864261 535.7	07/14/2009 7560003 09/05/2012 201010198603.9 09/29/2010 200580038535.7 01/06/2010 602005018806.1
G4068A-CN-PCT China 64068A-CN-PCT Germany United States Of Linited States Of	PANEL ASSEMBLIES AND METHODS FOR MAKING SAME BONDED HYBRID STRUCTURE AMPHIPHILIC BLOCK COPOLYMER- MODIFIED EPOXY RESINS AND ADHESIVES MADE THEREFROM AMPHIPHILIC BLOCK COPOLYMER- TOUGHENED EPOXY RESINS AND ADHESIVES MADE THEREFROM AMPHIPHILIC BLOCK COPOLYMER- TOUGHENED EPOXY RESINS AND ADHESIVES MADE THEREFROM AMPHIPHILIC BLOCK COPOLYMER- TOUGHENED EPOXY RESINS AND ADHESIVES MADE THEREFROM AMPHIPHILIC BLOCK COPOLYMER- TOUGHENED EPOXY RESINS AND ADHESIVES MADE THEREFROM AMPHIPHILIC BLOCK COPOLYMER- TOUGHENED EPOXY RESINS AND ADHESIVES MADE THEREFROM	THE DOW CHEMICAL COMPANY	02/24/2006 11/361423 06/04/2010 2010101980 11/02/2005 2005800389 11/02/2005 05818168.6	2007-0277926 503.9 101864261 535.7	07/14/2009 7560003 09/05/2012 201010198603.9 09/29/2010 200580038535.7 01/06/2010 602005018806.1
G4068A-CN-PCT China 64068A-CN-PCT Germany United States Of Linited States Of	PANEL ASSEMBLIES AND METHODS FOR MAKING SAME BONDED HYBRID STRUCTURE AMPHIPHILIC BLOCK COPOLYMER- MODIFIED EPOXY RESINS AND ADHESIVES MADE THEREFROM AMPHIPHILIC BLOCK COPOLYMER- TOUGHENED EPOXY RESINS AND ADHESIVES MADE THEREFROM AMPHIPHILIC BLOCK COPOLYMER- TOUGHENED EPOXY RESINS AND ADHESIVES MADE THEREFROM AMPHIPHILIC BLOCK COPOLYMER- TOUGHENED EPOXY RESINS AND ADHESIVES MADE THEREFROM AMPHIPHILIC BLOCK COPOLYMER- TOUGHENED EPOXY RESINS AND ADHESIVES MADE THEREFROM ADHESIVES MADE THEREFROM ANDEL TO THEREFROM ANDEL TO THEREFROM ANDEL TO THEREFROM ANDEL TO THEREFROM	COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	02/24/2006 11/361423 06/04/2010 2010101980 11/02/2005 2005800389 11/02/2005 05818168.6	2007-0277925 503.9 101864261 535.7 1812512 2009-0123759	07/14/2009 7560003 09/05/2012 201010198603.9 09/29/2010 200580038535.7 01/06/2010 602005018806.1

64121-FR-EPA	France	A NEW GENERATION OF STRUCTURAL EPOXY ADHESIVES	THE DOW CHEMICAL COMPANY	06/02/2005	05011908.0	1728825	03/31/2010 1728825
***************************************		A NEW GENERATION					
		OF STRUCTURAL	THE DOM/OHERMON				
C4424 CB EB4	Links alikho alikho		THE DOW CHEMICAL	06/02/2005	05044000	4720025	02/24/2040 4720025
64121-GB-EPA	United Kingdom	EPOXY ADHESIVES	COMPANY	06/02/2005	05011908.0	1728825	03/31/2010 1728825
		A NEW GENERATION					
		OF STRUCTURAL	THE DOW CHEMICAL				
64121-IT-EPA	Italy	EPOXY ADHESIVES	COMPANY	06/02/2005	05011908.0	1728825	03/31/2010 1728825
		TOUGHENED EPOXY					
	United States Of	ADHESIVE	THE DOW CHEMICAL				
64121A-US-NP	America	COMPOSITION	COMPANY	06/02/2006	11/446037	2006-0276601	03/26/2013 8404787
		NEW GENERATION					
		OF STRUCTURAL	THE DOW CHEMICAL				
C44340 00 0CT	Brazil	EPOXY ADHESIVES	COMPANY	06/02/2006	กเคลาวิวกว ค		07/18/2017 PI0613302-9
64121B-BR-PCT	Otach		CONTANT	GO/UZ/ZGGO	F-M-013302-3		0//18/2017 F10013302-3
		NEW GENERATION					
		OF STRUCTURAL	THE DOW CHEMICAL				
64121B-CA-PCT	Canada	EPOXY ADHESIVES	COMPANY	06/02/2006	2609774		09/16/2014 2609774
		NEW GENERATION					
		OF STRUCTURAL	THE DOW CHEMICAL				
64121B-CN-PCT	China	EPOXY ADHESIVES	COMPANY	06/02/2006	200680019133.7	200680019133	05/25/2011 200680019133.7
		NEW GENERATION					
		OF STRUCTURAL	THE DOW CHEMICAL				
64121B-DE-EPA	Germany	EPOXY ADHESIVES	COMPANY	06/02/2006	06754093.0	1896517	11/28/2012 602006033344.7
		NEW GENERATION					
		OF STRUCTURAL	THE DOW CHEMICAL				
64121B-FR-EPA	France	EPOXY ADHESIVES	COMPANY	06/02/2006	06754002 O	1896517	11/28/2012 1896517
OMIZIONIVERA	Hance	NEW GENERATION	COMMAN	00/02/2000	00734093.0	1050511	11/20/2012 1030317
		OF STRUCTURAL	THE DOW CHEMICAL				
C4131B CB EBA	United Kingdom		COMPANY	00/02/2000	0.675.4003.0	1000517	11/29/2012 1900517
64121B-GB-EPA	United Kingdom	EPOXY ADHESIVES	COMPANT	06/02/2006	U0/54U95.U	1896517	11/28/2012 1896517
		NEW GENERATION					
		OF STRUCTURAL	THE DOW CHEMICAL				
64121B-IT-EPA	Italy	EPOXY ADHESIVES	COMPANY	06/02/2006	06754093.0	1896517	11/28/2012 83201600004003
		NEW GENERATION					
		OF STRUCTURAL	THE DOW CHEMICAL				
64121B-JP-PCD	Japan	EPOXY ADHESIVES	COMPANY	09/21/2012	2012-208119	2013-40338	11/14/2014 5647199
		NEW GENERATION					
		OF STRUCTURAL	THE DOW CHEMICAL				
64121B-JP-PCT	Japan	EPOXY ADHESIVES	COMPANY	06/02/2006	2008-514027	2008-542484	12/07/2012 5150484
		NEW GENERATION					
		OF STRUCTURAL	THE DOW CHEMICAL				
64121B-KR-PCT	SOUTH KOREA	EPOXY ADHESIVES	COMPANY	06/02/2006	2007-7028027	2008-13978	08/19/2013 10-1299846
		COLORED PRIMER					
	United States Of		THE DOW CHEMICAL				
64200A-US-NP	America	METHODS	COMPANY	02/22/2008	12/035770	2009-0017312	01/24/2012 8101043
D4200A-G3-W		COLORED PRIMER		02,22,2000	16/400///	2003 0017312	WIFETFEUIE DIVIDED
	European		THE DOW CHEMICAL				
64200B-EP-EPT	Procedure (Patents)		COMPANY	02/22/2008	00720407.0	2181168	
04200B-EP-EP1	Procedure (Paterits)		COMPANY	02/22/2008	00/3049/.0	Z101100	
		COLORED PRIMER	THE CONTROL				
			THE DOW CHEMICAL				
64200B-JP-PCT	Japan	METHODS	COMPANY	02/22/2008	2010-516076	2010-533228	01/16/2015 5680410
	United States Of	LOW VISCOSITY	THE DOW CHEMICAL				
64245A-US-NP	America	FUNCTIONAL FLUIDS	COMPANY	06/29/2006	11/427540	2007-0027039	05/31/2011 7951757
		POLYURETHANE					
		SEALANT					
		COMPOSITIONS					
		HAVING PRIMERLESS					
	United States Of	TO PAINT AND GLASS	THE DOW CHEMICAL				
64246A-US-NP	America	PROPERTIES	COMPANY	05/30/2006	11/442839	2006-0270807	09/03/2013 8524840
		POLYURETHANE					
		SEALANT					
		COMPOSITIONS					
		HAVING PRIMERLESS					
			THE DOW CHEMICAL				
64246B-CN-PCT	China	PROPERTIES	COMPANY	05/30/2006	200680018752.4	200680018752	12/07/2011 200680018752.4
				11,00,2000			, 0., 2011 200000010/32.4

POLYURETHANE SEALANT COMPOSITIONS HAVING PRIMERLESS European TO PAINT AND GLASS THE DOW CHEMICAL 64246B-EP-EPT Procedure (Patents) PROPERTIES COMPANY 05/30/2006 06771611.8 1891178
SILANE FUNCTIONAL ADHESIVE COMPOSITION AND METHOD OF BONDING A WINDOW TO A
United States Of United States Of SUBSTRATE THE DOW CHEMICAL COMPANY 07/03/2007 11/825085 2008-0017296 09/07/2010 7789990 SILANE FUNCTIONAL ADHESIVE COMPOSITION AND METHOD OF BONDING A WINDOW TO A SUBSTRATE THE DOW CHEMICAL COMPANY 07/03/2007 200780028203.X 101495591 11/16/2011 200780028203.X
SILANE FUNCTIONAL ADHESIVE COMPOSITION AND METHOD OF BONDING A WINDOW TO A
SUBSTRATE THE DOW CHEMICAL 64247B-DE-EPT Germany WITHOUT A PRIMER COMPANY 07/03/2007 07810197.9 2046909 10/26/2011 602007018305.7 SILANE FUNCTIONAL ADHESIVE COMPOSITION AND METHOD OF BONDING A WINDOW TO A SUBSTRATE Furopean SUBSTRATE THE DOW CHEMICAL COMPANY 07/03/2007 07810197.9 2046909 10/26/2011 2046909
BONDING AGENT THE DOW CHEMICAL 64358A-CA-PCT Canada FOR GLASS BONDING COMPANY 10/02/2007 2665495 02/06/2018 2665495
BONDING AGENT THE DOW CHEMICAL 64358A-CH-EPT Switzerland FOR GLASS BONDING COMPANY 10/02/2007 07843662.3 2079773 06/14/2017 2079773
BONDING AGENT THE DOW CHEMICAL 64358A-CN-PCT China BONDING AGENT THE DOW CHEMICAL BONDING AGENT THE DOW CHEMICAL 64358A-DE-EPT Germany FOR GLASS BONDING COMPANY 10/02/2007 07843662.3 2079773 06/14/2017 602007051341.3
BONDING AGENT THE DOW CHEMICAL FOR GLASS BONDING COMPANY 10/02/2007 2009-531555 2010-506008 12/06/2013 5426388 BONDING AGENT THE DOW CHEMICAL FOR GLASS BONDING AGENT THE DOW CHEMICAL FOR GLASS BONDING COMPANY 10/02/2007 2009-7006894 01/29/2014 10-1359776 PRIMER
United States Of COMPOSITION FOR THE DOW CHEMICAL 64358B-US-NP America GLASS BONDING COMPANY 10/02/2007 11/866051 2008-0236725 04/26/2011 7931773 ONE COMPONENT GLASS PRIMER United States Of INCLUDING THE DOW CHEMICAL 64676A-US-DIV America OXAZOLADINE COMPANY 05/25/2011 13/115351 2011-0220269 05/01/2012 8168019
ONE COMPONENT GLASS PRIMER United States Of INCLUDING THE DOW CHEMICAL 64676A-US-NP America OXAZOLADINE COMPANY 02/19/2008 12/033420 2008-0268261 06/07/2011 7955702

	ONE COMPONENT						20020000
	GLASS PRIMER						
	INCLUDING	THE DOW CHEMICAL					
64676B-CA-PCT Canada	OXAZOLADINE	COMPANY	02/19/2008	2662947		03/26/2013 2662947	
	ONE COMPONENT				******************************		annananana.
	GLASS PRIMER						
	INCLUDING	THE DOW CHEMICAL					
64676B-CN-PCT China	OXAZOLADINE	COMPANY	02/19/2008	200880000925.9	101547953A	06/13/2012 200880000	925.9
	ONE COMPONENT						
	GLASS PRIMER						
646768 BF FBT - 614444	INCLUDING	THE DOW CHEMICAL	02/40/2000	007004747	2442570	1210712011 502068011	0074
64676B-DE-EPT Germany	OXAZOLADINE ONE COMPONENT	COMPANY	02/19/2008	08730134.7	2142579	12/07/2011 602008011	837.1
	GLASS PRIMER						
	INCLUDING	THE DOW CHEMICAL					
64676B-FR-EPT France	OXAZOLADINE	COMPANY	02/19/2008	08730134.7	2142579	12/07/2011 2142579	
	ONE COMPONENT						0000000000
	GLASS PRIMER						
	INCLUDING	THE DOW CHEMICAL					
64676B-GB-EPT United Kingdo		COMPANY	02/19/2008	08730134.7	2142579	12/07/2011 2142579	
	ONE COMPONENT						
	GLASS PRIMER INCLUDING	THE DOW CHEMICAL					
64676B-IT-EPT Italy	OXAZOLADINE	COMPANY	02/19/2008	08730134.7	2142579	12/07/2011 2142579	
04070811211 16417	ONE COMPONENT	***************************************	02,13,2000	00750154.7	21-2373	12,07,2011 2142373	000000000000000000000000000000000000000
	GLASS PRIMER						
	INCLUDING	THE DOW CHEMICAL					
64676B-JP-PCD Japan	OXAZOLADINE	COMPANY	02/28/2013	2013-039293	2013-151687	05/22/2015 5749755	
	ONE COMPONENT						
	GLASS PRIMER						
CACTOR ID DOT	INCLUDING	THE DOW CHEMICAL	02/40/2000	2000 524055	2040 507724	05/47/2042 5270504	
64676B-JP-PCT Japan	OXAZOLADINE ONE COMPONENT	COMPANY	02/19/2008	2009-534955	2010-507724	05/17/2013 5270561	
	GLASS PRIMER						
	INCLUDING	THE DOW CHEMICAL					
64676B-KR-PCT SOUTH KOREA	OXAZOLADINE	COMPANY	02/19/2008	2009-7011959		04/16/2012 10-113902	6
	ONE COMPONENT						
	GLASS PRIMER						
	GLASS PRIMER INCLUDING	THE DOW CHEMICAL					
64676B-RU-PCT Russian Federa	GLASS PRIMER INCLUDING	THE DOW CHEMICAL COMPANY	02/19/2008	2009118301		11/03/2010 2418811	
64676B-RU-PCT Russian Federa	GLASS PRIMER INCLUDING ation OXAZOLADINE		02/19/2008	2009118301		11/03/2010 2418811	
64676B-RU-PCT Russian Federa	GLASS PRIMER INCLUDING ITION OXAZOLADINE ADHESIVE		02/19/2008	2009118301		11/03/2010 2418811	
64676B-RU-PCT Russian Federa United States (GLASS PRIMER INCLUDING ADHESIVE POLYMERS FOR		02/19/2008	2009118301		11/03/2010 2418811	
	GLASS PRIMER INCLUDING ADHESIVE POLYMERS FOR	COMPANY	02/19/2008 03/13/2008		2010-0119832	11/03/2010 2418811 10/06/2015 9150763	
United States (GLASS PRIMER INCLUDING OXAZOLADINE ADHESIVE POLYMERS FOR OF FORMING LAMINATI STRUCTURES ULTRASONIC ENERG	COMPANY THE DOW CHEMICAL COMPANY			2010-0119832		
United States of 64870A-US-PCT America United States of U	GLASS PRIMER INCLUDING OXAZOLADINE ADHESIVE POLYMERS FOR OF FORMING LAMINATI STRUCTURES ULTRASONIC ENERG OF FOR ADHESIVE	E THE DOW CHEMICAL COMPANY Y THE DOW CHEMICAL	03/13/2008	12/527893		10/06/2015 9150763	
United States (64870A-US-PCT America	GLASS PRIMER INCLUDING OXAZOLADINE ADHESIVE POLYMERS FOR OF FORMING LAMINATI STRUCTURES ULTRASONIC ENERG OF FOR ADHESIVE BONDING	E THE DOW CHEMICAL COMPANY Y THE DOW CHEMICAL COMPANY		12/527893	2010-0119832 2008-0178986		
United States of 64870A-US-PCT America United States of U	GLASS PRIMER INCLUDING OXAZOLADINE ADHESIVE POLYMERS FOR OF FORMING LAMINATI STRUCTURES ULTRASONIC ENERG OF FOR ADHESIVE BONDING ULTRASONIC ENERG	COMPANY E THE DOW CHEMICAL COMPANY Y THE DOW CHEMICAL COMPANY Y	03/13/2008	12/527893		10/06/2015 9150763	
United States (64870A-US-PCT America United States (64914A-US-NP America	GLASS PRIMER INCLUDING OXAZOLADINE ADHESIVE POLYMERS FOR OF FORMING LAMINATI STRUCTURES ULTRASONIC ENERG FOR ADHESIVE BONDING ULTRASONIC ENERG FOR ADHESIVE	E THE DOW CHEMICAL COMPANY Y THE DOW CHEMICAL COMPANY Y THE DOW CHEMICAL	03/13/2008	12/527893 11/961114	2008-0178986	10/06/2015 9150763 11/30/2010 7842146	
United States of 64870A-US-PCT America United States of U	GLASS PRIMER INCLUDING OXAZOLADINE ADHESIVE POLYMERS FOR OF FORMING LAMINATI STRUCTURES ULTRASONIC ENERG OF FOR ADHESIVE BONDING ULTRASONIC ENERG FOR ADHESIVE BONDING	E THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY Y THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	03/13/2008	12/527893		10/06/2015 9150763	
United States (64870A-US-PCT America United States (64914A-US-NP America	GLASS PRIMER INCLUDING OXAZOLADINE ADHESIVE POLYMERS FOR OF FORMING LAMINATI STRUCTURES ULTRASONIC ENERG FOR ADHESIVE BONDING ULTRASONIC ENERG FOR ADHESIVE	COMPANY E THE DOW CHEMICAL COMPANY Y THE DOW CHEMICAL COMPANY Y THE DOW CHEMICAL COMPANY Y	03/13/2008	12/527893 11/961114	2008-0178986	10/06/2015 9150763 11/30/2010 7842146	
United States (64870A-US-PCT America United States (64914A-US-NP America	GLASS PRIMER INCLUDING OXAZOLADINE ADHESIVE POLYMERS FOR FORMING LAMINATI STRUCTURES ULTRASONIC ENERG FOR ADHESIVE BONDING ULTRASONIC ENERG FOR ADHESIVE BONDING ULTRASONIC ENERG FOR ADHESIVE BONDING ULTRASONIC ENERG	E THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY Y THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	03/13/2008 12/20/2007 12/21/2007	12/527893 11/961114	2008-0178986	10/06/2015 9150763 11/30/2010 7842146	0290.9
United States of 64870A-US-PCT America United States of 64914A-US-NP America 64914B-CH-EPT Switzerland	GLASS PRIMER INCLUDING OXAZOLADINE ADHESIVE POLYMERS FOR OF FORMING LAMINATI STRUCTURES ULTRASONIC ENERG FOR ADHESIVE BONDING ULTRASONIC ENERG FOR ADHESIVE BONDING ULTRASONIC ENERG FOR ADHESIVE BONDING ULTRASONIC ENERG FOR ADHESIVE	THE DOW CHEMICAL COMPANY	03/13/2008 12/20/2007 12/21/2007	12/527 8 93 11/961114 07869764.6	2008-0178986 2108029	10/06/2015 9150763 11/30/2010 7842146 08/06/2014 2108029	0290.9
United States of America United States of America United States of America 64914A-US-NP America 64914B-CH-EPT Switzerland 64914B-CN-PCT China	GLASS PRIMER INCLUDING OXAZOLADINE ADHESIVE POLYMERS FOR OF FORMING LAMINATI STRUCTURES ULTRASONIC ENERG FOR ADHESIVE BONDING ULTRASONIC ENERG FOR ADHESIVE	COMPANY E THE DOW CHEMICAL COMPANY Y THE DOW CHEMICAL	03/13/2008 12/20/2007 12/21/2007 12/21/2007	12/527893 11/961114 07869764.6 200780050290.9	2008-0178986 2108029 101589123A	10/06/2015 9150763 11/30/2010 7842146 08/06/2014 2108029 03/27/2013 200780050	
United States of 64870A-US-PCT America United States of 64914A-US-NP America 64914B-CH-EPT Switzerland	GLASS PRIMER INCLUDING OXAZOLADINE ADHESIVE POLYMERS FOR OF FORMING LAMINATI STRUCTURES ULTRASONIC ENERG FOR ADHESIVE BONDING	THE DOW CHEMICAL COMPANY Y	03/13/2008 12/20/2007 12/21/2007 12/21/2007	12/527 8 93 11/961114 07869764.6	2008-0178986 2108029	10/06/2015 9150763 11/30/2010 7842146 08/06/2014 2108029	
United States of America United States of America United States of America 64914A-US-NP America 64914B-CH-EPT Switzerland 64914B-CN-PCT China	GLASS PRIMER INCLUDING OXAZOLADINE ADHESIVE POLYMERS FOR OF FORMING LAMINATI STRUCTURES ULTRASONIC ENERG FOR ADHESIVE BONDING COMPOSITION	COMPANY E THE DOW CHEMICAL COMPANY Y THE DOW CHEMICAL	03/13/2008 12/20/2007 12/21/2007 12/21/2007	12/527893 11/961114 07869764.6 200780050290.9	2008-0178986 2108029 101589123A	10/06/2015 9150763 11/30/2010 7842146 08/06/2014 2108029 03/27/2013 200780050	
United States of America United States of America United States of America 64914A-US-NP America 64914B-CH-EPT Switzerland 64914B-CN-PCT China	GLASS PRIMER INCLUDING OXAZOLADINE ADHESIVE POLYMERS FOR OF FORMING LAMINATI STRUCTURES ULTRASONIC ENERG FOR ADHESIVE BONDING COMPOSITION USEFUL AS AN	COMPANY E THE DOW CHEMICAL COMPANY Y THE DOW CHEMICAL	03/13/2008 12/20/2007 12/21/2007 12/21/2007	12/527893 11/961114 07869764.6 200780050290.9	2008-0178986 2108029 101589123A	10/06/2015 9150763 11/30/2010 7842146 08/06/2014 2108029 03/27/2013 200780050	
United States of America United States of America United States of America 64914A-US-NP America 64914B-CH-EPT Switzerland 64914B-CN-PCT China	GLASS PRIMER INCLUDING OXAZOLADINE ADHESIVE POLYMERS FOR OF FORMING LAMINATI STRUCTURES ULTRASONIC ENERG FOR ADHESIVE BONDING USEFUL AS AN ADHESIVE FOR	COMPANY E THE DOW CHEMICAL COMPANY Y THE DOW CHEMICAL	03/13/2008 12/20/2007 12/21/2007 12/21/2007	12/527893 11/961114 07869764.6 200780050290.9	2008-0178986 2108029 101589123A	10/06/2015 9150763 11/30/2010 7842146 08/06/2014 2108029 03/27/2013 200780050	
United States of America United States of America United States of America 64914A-US-NP America 64914B-CH-EPT Switzerland 64914B-CN-PCT China 64914B-DE-EPT Germany	GLASS PRIMER INCLUDING OXAZOLADINE ADHESIVE POLYMERS FOR OF FORMING LAMINATI STRUCTURES ULTRASONIC ENERG FOR ADHESIVE BONDING USEFUL AS AN ADHESIVE FOR	THE DOW CHEMICAL COMPANY	03/13/2008 12/20/2007 12/21/2007 12/21/2007	12/527893 11/961114 07869764.6 200780050290.9 07869764.6	2008-0178986 2108029 101589123A 2108029	10/06/2015 9150763 11/30/2010 7842146 08/06/2014 2108029 03/27/2013 200780050 08/06/2014 602007038	
United States of America G4914A-US-NP America G4914B-CH-EPT Switzerland G4914B-DE-EPT Germany United States of America United States of America	GLASS PRIMER INCLUDING OXAZOLADINE ADHESIVE POLYMERS FOR OF FORMING LAMINATI STRUCTURES ULTRASONIC ENERG FOR ADHESIVE BONDING USEFUL AS AN ADHESIVE FOR OF INSTALLING VEHICLE	THE DOW CHEMICAL COMPANY	03/13/2008 12/20/2007 12/21/2007 12/21/2007	12/527893 11/961114 07869764.6 200780050290.9 07869764.6	2008-0178986 2108029 101589123A 2108029	10/06/2015 9150763 11/30/2010 7842146 08/06/2014 2108029 03/27/2013 200780050	
United States of America G4914A-US-NP America G4914B-CH-EPT Switzerland G4914B-DE-EPT Germany United States of America United States of America	GLASS PRIMER INCLUDING OXAZOLADINE ADHESIVE POLYMERS FOR PORMING LAMINATI STRUCTURES ULTRASONIC ENERG FOR ADHESIVE BONDING USEFUL AS AN ADHESIVE FOR DISTALLING VEHICLE WINDOWS	THE DOW CHEMICAL COMPANY	03/13/2008 12/20/2007 12/21/2007 12/21/2007	12/527893 11/961114 07869764.6 200780050290.9 07869764.6	2008-0178986 2108029 101589123A 2108029	10/06/2015 9150763 11/30/2010 7842146 08/06/2014 2108029 03/27/2013 200780050 08/06/2014 602007038	
G4870A-US-PCT America G4914A-US-NP America G4914B-CH-EPT Switzerland G4914B-CN-PCT China G4914B-DE-EPT Germany United States of America	GLASS PRIMER INCLUDING OXAZOLADINE ADHESIVE POLYMERS FOR OF FORMING LAMINATI STRUCTURES ULTRASONIC ENERG FOR ADHESIVE BONDING COMPOSITION USEFUL AS AN ADHESIVE FOR OF INSTALLING VEHICLE WINDOWS COMPOSITION USEFUL AS AN ADHESIVE FOR	THE DOW CHEMICAL COMPANY	03/13/2008 12/20/2007 12/21/2007 12/21/2007	12/527893 11/961114 07869764.6 200780050290.9 07869764.6	2008-0178986 2108029 101589123A 2108029	10/06/2015 9150763 11/30/2010 7842146 08/06/2014 2108029 03/27/2013 200780050 08/06/2014 602007038	
United States of 64870A-US-PCT America United States of America 64914A-US-NP America 64914B-CH-EPT Switzerland 64914B-DE-EPT Germany United States of America	GLASS PRIMER INCLUDING OXAZOLADINE ADHESIVE POLYMERS FOR OF FORMING LAMINATI STRUCTURES ULTRASONIC ENERG FOR ADHESIVE BONDING COMPOSITION USEFUL AS AN ADHESIVE FOR OF INSTALLING VEHICLE WINDOWS COMPOSITION USEFUL AS AN ADHESIVE FOR OF INSTALLING VEHICLE	THE DOW CHEMICAL COMPANY	03/13/2008 12/20/2007 12/21/2007 12/21/2007 12/21/2007	12/527893 11/961114 07869764.6 200780050290.9 07869764.6 12/902194	2008-0178986 2108029 101589123A 2108029 2011-0048610	10/06/2015 9150763 11/30/2010 7842146 08/06/2014 2108029 03/27/2013 200780050 08/06/2014 602007038 01/01/2013 8343303	
G4870A-US-PCT America G4914A-US-NP America G4914B-CH-EPT Switzerland G4914B-CN-PCT China G4914B-DE-EPT Germany United States of America	GLASS PRIMER INCLUDING OXAZOLADINE ADHESIVE POLYMERS FOR OF FORMING LAMINATI STRUCTURES ULTRASONIC ENERG FOR ADHESIVE BONDING COMPOSITION USEFUL AS AN ADHESIVE FOR OF INSTALLING VEHICLE WINDOWS COMPOSITION USEFUL AS AN ADHESIVE FOR	THE DOW CHEMICAL COMPANY	03/13/2008 12/20/2007 12/21/2007 12/21/2007	12/527893 11/961114 07869764.6 200780050290.9 07869764.6 12/902194	2008-0178986 2108029 101589123A 2108029 2011-0048610	10/06/2015 9150763 11/30/2010 7842146 08/06/2014 2108029 03/27/2013 200780050 08/06/2014 602007038	
United States of 64870A-US-PCT America United States of America 64914A-US-NP America 64914B-CH-EPT Switzerland 64914B-DE-EPT Germany United States of America	GLASS PRIMER INCLUDING OXAZOLADINE ADHESIVE POLYMERS FOR OF FORMING LAMINATI STRUCTURES ULTRASONIC ENERG FOR ADHESIVE BONDING USEFUL AS AN ADHESIVE FOR INSTALLING VEHICLE WINDOWS OMPOSITION USEFUL AS AN ADHESIVE FOR INSTALLING VEHICLE WINDOWS	THE DOW CHEMICAL COMPANY	03/13/2008 12/20/2007 12/21/2007 12/21/2007 12/21/2007	12/527893 11/961114 07869764.6 200780050290.9 07869764.6 12/902194	2008-0178986 2108029 101589123A 2108029 2011-0048610	10/06/2015 9150763 11/30/2010 7842146 08/06/2014 2108029 03/27/2013 200780050 08/06/2014 602007038 01/01/2013 8343303	
United States of 64870A-US-PCT America United States of America 64914A-US-NP America 64914B-CH-EPT Switzerland 64914B-DE-EPT Germany United States of America	GLASS PRIMER INCLUDING OXAZOLADINE ADHESIVE POLYMERS FOR OF FORMING LAMINATI STRUCTURES ULTRASONIC ENERG FOR ADHESIVE BONDING COMPOSITION USEFUL AS AN ADHESIVE FOR INSTALLING VEHICLE WINDOWS COMPOSITION USEFUL AS AN ADHESIVE FOR INSTALLING VEHICLE WINDOWS COMPOSITION USEFUL AS AN ADHESIVE FOR INSTALLING VEHICLE WINDOWS COMPOSITION USEFUL AS AN ADHESIVE FOR OF INSTALLING VEHICLE WINDOWS COMPOSITION USEFUL COMPOSITION USEFUL COMPOSITION USEFUL UNIDOWS COMPOSITION USEFUL COMPOSITION US	THE DOW CHEMICAL COMPANY	03/13/2008 12/20/2007 12/21/2007 12/21/2007 12/21/2007	12/527893 11/961114 07869764.6 200780050290.9 07869764.6 12/902194	2008-0178986 2108029 101589123A 2108029 2011-0048610	10/06/2015 9150763 11/30/2010 7842146 08/06/2014 2108029 03/27/2013 200780050 08/06/2014 602007038 01/01/2013 8343303	
United States of 64870A-US-PCT America United States of America 64914A-US-NP America 64914B-CH-EPT Switzerland 64914B-DE-EPT Germany United States of America	GLASS PRIMER INCLUDING OXAZOLADINE ADHESIVE POLYMERS FOR OF FORMING LAMINATI STRUCTURES ULTRASONIC ENERG FOR ADHESIVE BONDING COMPOSITION USEFUL AS AN ADHESIVE FOR OF INSTALLING VEHICLE WINDOWS COMPOSITION USEFUL AS AN ADHESIVE FOR OF INSTALLING VEHICLE WINDOWS COMPOSITION USEFUL AS AN ADHESIVE FOR OF INSTALLING VEHICLE WINDOWS COMPSITION USEFUL AS AN ADHESIVE FOR OF INSTALLING VEHICLE WINDOWS COMPSITION USEFUL AS AN ADHESIVE FOR OF INSTALLING VEHICLE WINDOWS	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	03/13/2008 12/20/2007 12/21/2007 12/21/2007 12/21/2007	12/527893 11/961114 07869764.6 200780050290.9 07869764.6 12/902194	2008-0178986 2108029 101589123A 2108029 2011-0048610	10/06/2015 9150763 11/30/2010 7842146 08/06/2014 2108029 03/27/2013 200780050 08/06/2014 602007038 01/01/2013 8343303	
United States of 64870A-US-PCT America United States of America 64914A-US-NP America 64914B-CH-EPT Switzerland 64914B-DE-EPT Germany United States of America	GLASS PRIMER INCLUDING OXAZOLADINE ADHESIVE POLYMERS FOR OF FORMING LAMINATI STRUCTURES ULTRASONIC ENERG FOR ADHESIVE BONDING COMPOSITION USEFUL AS AN ADHESIVE FOR OF INSTALLING VEHICLE WINDOWS COMPOSITION USEFUL AS AN ADHESIVE FOR OF INSTALLING VEHICLE WINDOWS COMPOSITION USEFUL AS AN ADHESIVE FOR OF INSTALLING VEHICLE WINDOWS COMPSITION USEFUL AS AN ADHESIVE FOR OF INSTALLING VEHICLE WINDOWS COMPSITION USEFUL AS AN ADHESIVE FOR OF INSTALLING VEHICLE WINDOWS	THE DOW CHEMICAL COMPANY	03/13/2008 12/20/2007 12/21/2007 12/21/2007 12/21/2007 10/12/2010	12/527893 11/961114 07869764.6 200780050290.9 07869764.6 12/902194	2008-0178986 2108029 101589123A 2108029 2011-0048610	10/06/2015 9150763 11/30/2010 7842146 08/06/2014 2108029 03/27/2013 200780050 08/06/2014 602007038 01/01/2013 8343303	3030·3

		COMPSITION USEFUL AS AN ADHESIVE FOR				
650678-DE-EPT	Germany		THE DOW CHEMICAL COMPANY	06/05/2007 07809312.7	2097465	11/03/2010 602007010346.0
65068A-US-NP	United States Of America	TWO PART POLYURETHANE CURABLE COMPOSITION HAVING SUBSTANTIALLY CONSISTENT G- MODULUS ACROSS	THE DOW CHEMICAL COMPANY	07/22/2008 12/177706	2009-0044907	
		TWO PART POLYURETHANE CURABLE COMPOSITION HAVING SUBSTANTIALLY CONSISTENT G- MODULUS ACROSS				
65068B-BR-PCT	Brazil	THE RANGE OF USE TEMPERATURES TWO PART POLYURETHANE CURABLE COMPOSITION HAVING SUBSTANTIALLY CONSISTENT G- MODULUS ACROSS	THE DOW CHEMICAL COMPANY	07/22/2008 PI0813070.1		
65068B-CH-EPD	Switzerland	THE RANGE OF USE TEMPERATURES TWO PART POLYURETHANE CURBLE COMPOSITION HAVING SUBSTANTIALLY	THE DOW CHEMICAL COMPANY	04/11/2013 13163416.4	2762508	09/19/2018 2762508
G50688-CH-EPT	Switzerland	CONSISTENT G- MODULUS ACROSS THE RANGE OF USE TEMPERATURES TWO PART POLYURETHANE CURABLE COMPOSITION HAVING	THE DOW CHEMICAL COMPANY	07/22/2008 08782204.5	2183294	
65068B-CN-PCT	China	TEMPERATURES TWO PART	THE DOW CHEMICAL COMPANY	07/22/2008 200880025548.4	101778877A	01/02/2013 200880025548.4
65068B-DE-EPD	Germany	POLYURETHANE CURABLE COMPOSITION HAVING SUBSTANTIALLY CONSISTENT G- MODULUS ACROSS THE RANGE OF USE TEMPERATURES	THE DOW CHEMICAL COMPANY	04/11/2013 13163416.4	2762508	09/19/2018 2762508
JJ00000-DF-FLD		LIVIT ENTH ONED	~~m mii.	0-971172013 131034104	2702300	03/13/2010 2/02300

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Me	Onsistent G- Modulus Across He range of USE - The Dow Chemical		
65068B-FR-EPT France TE	emperatures company	07/22/2008 08782204.5	2183294
PCC CC HA SU S5068B-JP-PCT Japan TE CC CC HA SU MR TH CSC CC CC CC CC CC MA SU CC CC MA SU CC MM TH	WO PART CLYURETHANE URABLE OMPOSITION AVING UBSTANTIALLY ONSISTENT G- TODULUS ACROSS HE RANGE OF USE THE DOW CHEMICAL COMPANY WO PART OLYURETHANE URABLE OMPOSITION AVING AVING UBSTANTIALLY ONSISTENT G- TODULUS ACROSS HE RANGE OF USE HE RANGE OF USE THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	07/22/2008 2010-518335 07/22/2008 2010-7001423	2010-534741 04/25/2014 5530355 11/20/2015 10-1572276
ST	EAT-RESISTANT TRUCTURAL EPOXY THE DOW CHEMICAL ESINS COMPANY	04/09/2008 PI0809752.6	05/16/2017 PI0809752.6

	HEAT-RESISTANT				
65358A-CN-PCT China	STRUCTURAL EPOXY RESINS	THE DOW CHEMICAL COMPANY	04/09/2008 200880019925.3		07/25/2012 200880019925.3
	HEAT-RESISTANT STRUCTURAL EPOXY	THE DOW CHEMICAL			
65358A-DE-EPT Germa		COMPANY	04/09/2008 08745329.6	2137277	05/25/2011 602008007195.2
	HEAT-RESISTANT STRUCTURAL EPOXY	THE DOW CHEMICAL			
65358A-FR-EPT France	RESINS	COMPANY	04/09/2008 08745329.6	2137277	05/25/2011 2137277
	HEAT-RESISTANT STRUCTURAL EPOXY	THE DOW CHEMICAL			
65358A-GB-EPT United	Kingdom RESINS	COMPANY	04/09/2008 08745329.6	2137277	05/25/2011 2137277
	HEAT-RESISTANT STRUCTURAL EPOXY	THE DOW CHEMICAL			
65358A-IT-EPT Italy	RESINS	COMPANY	04/09/2008 08745329.6	2137277	05/25/2011 2137277
	HEAT-RESISTANT STRUCTURAL EPOXY	THE DOW CHEMICAL			
65358A-JP-PCT Japan	RESINS	COMPANY	04/09/2008 2010-503168	2010-523800	10/18/2013 5390505
	HEAT-RESISTANT STRUCTURAL EPOXY	THE DOW CHEMICAL			
65358A-KR-PCT SOUTH	I KOREA RESINS HEAT-RESISTANT	COMPANY	04/09/2008 2009-7023461		11/25/2014 10-1467602
United	States Of STRUCTURAL EPOXY	THE DOW CHEMICAL			
65358B-US-CNT Americ	a RESINS HEAT-RESISTANT	COMPANY	01/06/2012 13/344635	2012-0103517	11/19/2013 8585861
	States Of STRUCTURAL EPOXY	THE DOW CHEMICAL			
65358B-US-NP Americ	a RESINS ADHESION	COMPANY	04/09/2008 12/099804	2008-251202	01/17/2012 8097119
	PROMOTION				
	ADDITIVES AND METHODS FOR				
ra-tad	IMPROVING	THE DOWN CHESTICAL			
65494A-US-NP Americ	States Of COATING COMPOSITIONS	THE DOW CHEMICAL COMPANY	12/18/2007 11/959107	2008-0145564	11/24/2015 9193880
	ADHESION PROMOTION				
	ADDITIVES AND				
	METHODS FOR IMPROVING				
	COATING	THE DOW CHEMICAL			
65494B-BR-PCT Brazil	COMPOSITIONS ADHESION	COMPANY	12/18/2007 PI0719411.0		
	PROMOTION ADDITIVES AND				
	METHODS FOR				
	IMPROVING COATING	THE DOW CHEMICAL			
65494B-CA-PCT Canada	a COMPOSITIONS	COMPANY	12/18/2007 2673346		12/02/2014 2673346
	ADHESION PROMOTION				
	ADDITIVES AND				
	METHODS FOR IMPROVING				
65494B-CH-EPT Switze	COATING COMPOSITIONS	THE DOW CHEMICAL COMPANY	12/18/2007 07865808.5	2121827	10/19/2016 2121827
03494b-CH-EPT 3WILZE	ADHESION	COMPANT	12/10/2007 07803808.3	2121027	10/13/2016 212162/
	PROMOTION ADDITIVES AND				
	METHODS FOR				
	IMPROVING COATING	THE DOW CHEMICAL			
65494B-CN-PCT China	COMPOSITIONS	COMPANY	12/18/2007 200780046980.7		07/16/2014 200780046980.7
	ADHESION PROMOTION				
	ADDITIVES AND METHODS FOR				
	IMPROVING				
65494B-DE-EPT Germa	COATING ny COMPOSITIONS	THE DOW CHEMICAL COMPANY	12/18/2007 07865808.5	2121827	10/19/2016 602007048419.7
554540-DE-EFT GEITIG	n, comirosi ilons	CONTINUE	12,10,2007 07803808.3	2121021	10/13/2010 00200/040419./

	654948-FR-EPT	France	ADHESION PROMOTION ADDITIVES AND METHODS FOR IMPROVING COATING COMPOSITIONS ADHESION PROMOTION ADDITIVES AND METHODS FOR IMPROVING	THE DOW CHEMICAL COMPANY	12/18/2007 07865808.5	2121827	10/19/2016 2121827
	65494B-IN-PCT	India	COATING COMPOSITIONS	THE DOW CHEMICAL COMPANY	12/18/2007 3507/CHENP/2	2002/CHEND/2	01/09/2017 279029
	03494D-11V-F C1	IIIula	ADHESION	COMICAGE	12/18/2007 3307/CHENEY	2009 3307/CHENF/2	01/03/2017 273023
	654948-JP-PCT	Japan	PROMOTION ADDITIVES AND METHODS FOR IMPROVING COATING COMPOSITIONS	THE DOW CHEMICAL COMPANY	12/18/2007 2009-543144	2010-513699	05/10/2013 5264766
			ADHESION				
			PROMOTION ADDITIVES AND				
			METHODS FOR				
			IMPROVING				
	65494B-KR-PCT	SOUTH KOREA	COATING COMPOSITIONS	THE DOW CHEMICAL COMPANY	12/18/2007 2009-7012655		08/20/2014 10-1434701
-			ADHESION				,,
	65494B-MX-PCT	Mexico	ADDITIVES AND METHODS FOR IMPROVING COATING COMPOSITIONS COMPOSITES AND METHODS FOR	THE DOW CHEMICAL COMPANY	12/18/2007 MX/a/09/0066	526 MX/a/09/0066	10/14/2014 324480
	65495A-US-NP 65495B-CN-PCT	United States Of America	CONDUCTIVE TRANSPARENT SUBSTRATES IMPROVED COMPOSITES AND METHODS FOR CONDUCTIVE TRANSPARENT SUBSTRATES IMPROVED COMPOSITES AND METHODS FOR CONDUCTIVE	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	12/18/2007 11/959208 12/18/2007 20078004552	2008-0152926 3.6	06/07/2011 7955696 07/24/2013 200780045523.6
		America	TRANSPARENT SUBSTRATES IMPROVED COMPOSITES AND METHODS FOR CONDUCTIVE TRANSPARENT SUBSTRATES IMPROVED COMPOSITES AND METHODS FOR	COMPANY THE DOW CHEMICAL			
	65495B-CN-PCT	America China Germany	TRANSPARENT SUBSTRATES IMPROVED COMPOSITES AND METHODS FOR CONDUCTIVE TRANSPARENT SUBSTRATES IMPROVED COMPOSITES AND METHODS FOR CONDUCTIVE TRANSPARENT SUBSTRATES SYSTEM FOR	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	12/18/2007 20078004552	3.6	07/24/2013 200780045523.6
	65495B-CN-PCT	America China	TRANSPARENT SUBSTRATES IMPROVED COMPOSITES AND METHODS FOR CONDUCTIVE TRANSPARENT SUBSTRATES IMPROVED COMPOSITES AND METHODS FOR CONDUCTIVE TRANSPARENT SUBSTRATES SUBSTRATES SUBSTRATES SUBSTRATES SYSTEM FOR BONDING GLASS INTO A STRUCTURE SYSTEM FOR	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	12/18/2007 20078004552	3.6	07/24/2013 200780045523.6
	65495B-CN-PCT 65495B-DE-EPT 65496-US-NP	America China Germany United States Of America	TRANSPARENT SUBSTRATES IMPROVED COMPOSITES AND METHODS FOR CONDUCTIVE TRANSPARENT SUBSTRATES IMPROVED COMPOSITES AND METHODS FOR CONDUCTIVE TRANSPARENT SUBSTRATES SYSTEM FOR BONDING GLASS INTO A STRUCTURE SYSTEM FOR BONDING GLASS	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	12/18/2007 20078004552: 12/18/2007 07865821.8 02/16/2007 11/707701	3.6 2122638	07/24/2013 200780045523.6 11/07/2012 602007026616.5
	65495B-CN-PCT 65495B-DE-EPT	China Germany United States Of	TRANSPARENT SUBSTRATES IMPROVED COMPOSITES AND METHODS FOR CONDUCTIVE TRANSPARENT SUBSTRATES IMPROVED COMPOSITES AND METHODS FOR CONDUCTIVE TRANSPARENT SUBSTRATES SUBSTRATES SUBSTRATES SUBSTRATES SYSTEM FOR BONDING GLASS INTO A STRUCTURE SYSTEM FOR	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	12/18/2007 20078004552 12/18/2007 07865821.8	3.6 2122638	07/24/2013 200780045523.6 11/07/2012 602007026616.5
	65495B-CN-PCT 65495B-DE-EPT 65496-US-NP 65496A-BR-PCT	China Germany United States Of America Brazil	TRANSPARENT SUBSTRATES IMPROVED COMPOSITES AND METHODS FOR CONDUCTIVE TRANSPARENT SUBSTRATES IMPROVED COMPOSITES AND METHODS FOR CONDUCTIVE TRANSPARENT SUBSTRATES SYSTEM FOR BONDING GLASS INTO A STRUCTURE SYSTEM FOR BONDING GLASS INTO A STRUCTURE SYSTEM FOR BONDING GLASS	THE DOW CHEMICAL COMPANY	12/18/2007 200780045521 12/18/2007 07865821.8 02/16/2007 11/707701 02/08/2008 PI0807308.2	2122638 2008-0199607	07/24/2013 200780045523.6 11/07/2012 602007026616.5
	65495B-CN-PCT 65495B-DE-EPT 65496-US-NP	America China Germany United States Of America	TRANSPARENT SUBSTRATES IMPROVED COMPOSITES AND METHODS FOR CONDUCTIVE TRANSPARENT SUBSTRATES IMPROVED COMPOSITES AND METHODS FOR CONDUCTIVE TRANSPARENT SUBSTRATES SYSTEM FOR BONDING GLASS INTO A STRUCTURE	THE DOW CHEMICAL COMPANY	12/18/2007 20078004552: 12/18/2007 07865821.8 02/16/2007 11/707701	3.6 2122638	07/24/2013 200780045523.6 11/07/2012 602007026616.5
	65495B-CN-PCT 65495B-DE-EPT 65496-US-NP 65496A-BR-PCT	China Germany United States Of America Brazil	TRANSPARENT SUBSTRATES IMPROVED COMPOSITES AND METHODS FOR CONDUCTIVE TRANSPARENT SUBSTRATES IMPROVED COMPOSITES AND METHODS FOR CONDUCTIVE TRANSPARENT SUBSTRATES SYSTEM FOR BONDING GLASS INTO A STRUCTURE SYSTEM FOR BONDING GLASS INTO A STRUCTURE SYSTEM FOR BONDING GLASS INTO A STRUCTURE SYSTEM FOR BONDING GLASS	THE DOW CHEMICAL COMPANY	12/18/2007 200780045521 12/18/2007 07865821.8 02/16/2007 11/707701 02/08/2008 PI0807308.2	2122638 2008-0199607	07/24/2013 200780045523.6 11/07/2012 602007026616.5
	65495B-CN-PCT 65495B-DE-EPT 65496-US-NP 65496A-BR-PCT	China Germany United States Of America Brazil	TRANSPARENT SUBSTRATES IMPROVED COMPOSITES AND METHODS FOR CONDUCTIVE TRANSPARENT SUBSTRATES IMPROVED COMPOSITES AND METHODS FOR CONDUCTIVE TRANSPARENT SUBSTRATES SYSTEM FOR BONDING GLASS INTO A STRUCTURE	THE DOW CHEMICAL COMPANY	12/18/2007 200780045521 12/18/2007 07865821.8 02/16/2007 11/707701 02/08/2008 PI0807308.2	2122638 2008-0199607 2125365	07/24/2013 200780045523.6 11/07/2012 602007026616.5
	65495B-CN-PCT 65495B-DE-EPT 65496-US-NP 65496A-BR-PCT 65496A-CH-EPT	America China Germany United States Of America Brazil Switzerland	TRANSPARENT SUBSTRATES IMPROVED COMPOSITES AND METHODS FOR CONDUCTIVE TRANSPARENT SUBSTRATES IMPROVED COMPOSITES AND METHODS FOR CONDUCTIVE TRANSPARENT SUBSTRATES SYSTEM FOR BONDING GLASS INTO A STRUCTURE SYSTEM FOR	THE DOW CHEMICAL COMPANY	12/18/2007 20078004552 12/18/2007 07865821.8 02/16/2007 11/707701 02/08/2008 PI0807308.2 02/08/2008 08729341.1	2122638 2008-0199607 2125365	07/24/2013 200780045523.6 11/07/2012 602007026616.5 10/26/2010 7819964
	65495B-CN-PCT 65495B-DE-EPT 65496-US-NP 65496A-BR-PCT 65496A-CH-EPT	America China Germany United States Of America Brazil Switzerland	TRANSPARENT SUBSTRATES IMPROVED COMPOSITES AND METHODS FOR CONDUCTIVE TRANSPARENT SUBSTRATES IMPROVED COMPOSITES AND METHODS FOR CONDUCTIVE TRANSPARENT SUBSTRATES SYSTEM FOR BONDING GLASS INTO A STRUCTURE	THE DOW CHEMICAL COMPANY	12/18/2007 20078004552 12/18/2007 07865821.8 02/16/2007 11/707701 02/08/2008 PI0807308.2 02/08/2008 08729341.1	2122638 2008-0199607 2125365	07/24/2013 200780045523.6 11/07/2012 602007026616.5 10/26/2010 7819964
	65495B-CN-PCT 65495B-DE-EPT 65496-US-NP 65496A-BR-PCT 65496A-CH-EPT 65496A-CN-PCT	China Germany United States Of America Brazil Switzerland China Germany	TRANSPARENT SUBSTRATES IMPROVED COMPOSITES AND METHODS FOR CONDUCTIVE TRANSPARENT SUBSTRATES IMPROVED COMPOSITES AND METHODS FOR CONDUCTIVE TRANSPARENT SUBSTRATES SYSTEM FOR BONDING GLASS INTO A STRUCTURE	THE DOW CHEMICAL COMPANY	12/18/2007 200780045523 12/18/2007 07865821.8 02/16/2007 11/707701 02/08/2008 PI0807308.2 02/08/2008 08729341.1 02/08/2008 200880005158	2122638 2008-0199607 2125365 8.0 101631672A	07/24/2013 200780045523.6 11/07/2012 602007026616.5 10/26/2010 7819964
	65495B-CN-PCT 65495B-DE-EPT 65496A-US-NP 65496A-CH-EPT 65496A-CN-PCT	China Germany United States Of America Brazil Switzerland China Germany European	TRANSPARENT SUBSTRATES IMPROVED COMPOSITES AND METHODS FOR CONDUCTIVE TRANSPARENT SUBSTRATES IMPROVED COMPOSITES AND METHODS FOR CONDUCTIVE TRANSPARENT SUBSTRATES SYSTEM FOR BONDING GLASS INTO A STRUCTURE SYSTEM FOR BONDING GLASS	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	12/18/2007 200780045521 12/18/2007 07865821.8 02/16/2007 11/707701 02/08/2008 PI0807308.2 02/08/2008 08729341.1 02/08/2008 08729341.1	2122638 2008-0199607 2125365 8.0 101631672A 2125365	07/24/2013 200780045523.6 11/07/2012 602007026616.5 10/26/2010 7819964
	65495B-CN-PCT 65495B-DE-EPT 65496-US-NP 65496A-BR-PCT 65496A-CH-EPT 65496A-CN-PCT	China Germany United States Of America Brazil Switzerland China Germany European	TRANSPARENT SUBSTRATES IMPROVED COMPOSITES AND METHODS FOR CONDUCTIVE TRANSPARENT SUBSTRATES IMPROVED COMPOSITES AND METHODS FOR CONDUCTIVE TRANSPARENT SUBSTRATES SYSTEM FOR BONDING GLASS INTO A STRUCTURE	THE DOW CHEMICAL COMPANY	12/18/2007 200780045523 12/18/2007 07865821.8 02/16/2007 11/707701 02/08/2008 PI0807308.2 02/08/2008 08729341.1 02/08/2008 200880005158	2122638 2008-0199607 2125365 8.0 101631672A	07/24/2013 200780045523.6 11/07/2012 602007026616.5 10/26/2010 7819964

	SYSTEM FOR					
	BONDING GLASS	THE DOW CHEMICAL	((
65496A-KR-PCT SOUTH KOREA	INTO A STRUCTURE STRUCTURAL EPOXY	COMPANY	02/08/2008	2009-7017032		11/18/2014 10-1464791
	RESINS CONTAINING					
United States Of 65501B-US-NP America	CORE-SHELL RUBBERS	THE DOW CHEMICAL COMPANY	04/09/2008	12/099856	2008-251203	01/03/2012 8088245
	ADHESIVE USEFUL					
65637A-CH-EPT Switzerland	FOR INSTALLING VEHICLE WINDOWS	THE DOW CHEMICAL COMPANY	02/01/2008	08728838 7	2118162	10/25/2017 2118162
030377 GIT EFT SWILLER MAIN	ADHESIVE USEFUL		02,01,2000	35725555.7	2110102	10,23,2017 2110102
65637A-CN-PCT China	FOR INSTALLING VEHICLE WINDOWS	THE DOW CHEMICAL COMPANY	na/n1/anno	200880006254,7	101631814A	12/19/2012 200880006254.7
GDUSTA-CN-FC1 CHILIA	ADHESIVE USEFUL	CONTACT	02/01/2000	200880000234.7	1010310144	12/15/2012 200880000254.7
CECAZA DE EDT. Commonu	FOR INSTALLING	THE DOW CHEMICAL	02/01/2008	00730030 7	2110162	10/25/2017 002000052020 0
65637A-DE-EPT Germany	VEHICLE WINDOWS ADHESIVE USEFUL	COMPANY	02/01/2008	U8728838.7	2118162	10/25/2017 602008052638.0
European	FOR INSTALLING	THE DOW CHEMICAL	03 /04 /300B	00738830 7	3440463	4.0.(DE /D047 D4404.00
65637A-EP-EPT Procedure (Patents) VEHICLE WINDOWS ADHESIVE USEFUL	COMPANY	02/01/2008	.08728838.7	2118162	10/25/2017 2118162
CECCEA ED EDT - Forman	FOR INSTALLING	THE DOW CHEMICAL	02/04/2000	00720020 7	2440462	40/25/2047 2440462
65637A-FR-EPT France	VEHICLE WINDOWS ADHESIVE USEFUL	COMPANY	02/01/2008	08728838.7	2118162	10/25/2017 2118162
	FOR INSTALLING	THE DOW CHEMICAL				
65637A-GB-EPT United Kingdom	VEHICLE WINDOWS ADHESIVE USEFUL	COMPANY	02/01/2008	08728838.7	2118162	10/25/2017 2118162
	FOR INSTALLING	THE DOW CHEMICAL				
65637A-JP-PCT Japan	VEHICLE WINDOWS ADHESIVE USEFUL	COMPANY	02/01/2008	2009-548471	2010-518198	11/15/2013 5410993
	FOR INSTALLING	THE DOW CHEMICAL				
65637A-KR-PCT SOUTH KOREA	VEHICLE WINDOWS ONE-PART	COMPANY	02/01/2008	2009-7015946		11/06/2014 10-1461014
	STRUCTURAL EPOXY					
	RESIN ADHESIVES CONTAINING					
	ELASTOMERIC					
	TOUGHENERS CAPPED WITH					
	PHENOLS AND					
	HYDROXY- TERMINATED					
	ACRYLATES OR					
	HYDROXY- TERMINATED	THE DOW CHEMICAL				
65639-CN-PCT China	METHACRYLATES	COMPANY	08/11/2009	200980131360.2	102119201A	07/03/2013 200980131360.2
	ONE-PART STRUCTURAL EPOXY					
	RESIN ADHESIVES					
	CONTAINING ELASTOMERIC					
	TOUGHENERS					
	CAPPED WITH PHENOLS AND					
	HYDROXY-					
	TERMINATED ACRYLATES OR					
	HYDROXY-					
CECCO DE EDT	TERMINATED	THE DOW CHEMICAL	00/44/0000	20201252.0	0343470	42 107 1204 5 - 0070000 42050 7
65639-DE-EPT Germany	METHACRYLATES ONE-PART	COMPANY	08/11/2009	09791357.8	2313470	12/07/2016 602009042950.7
	STRUCTURAL EPOXY					
	RESIN ADHESIVES CONTAINING					
	ELASTOMERIC					
	TOUGHENERS CAPPED WITH					
	PHENOLS AND					
	HYDROXY- TERMINATED					
	ACRYLATES OR					
United States Of	HYDROXY- TERMINATED	THE DOW CHEMICAL				
65639-US-CNT America	METHACRYLATES	COMPANY	04/28/2014	14/263134	2014-0275423	06/13/2017 9676887

United States Of 65639-US-PCT America	ONE-PART STRUCTURAL EPOXY RESIN ADHESIVES CONTAINING ELASTOMERIC TOUGHENERS CAPPED WITH PHENOLS AND HYDROXY- TERMINATED ACRYLATES OR HYDROXY- TERMINATED METHACRYLATES IMPROVED PRIMER ADHESION	THE DOW CHEMICAL COMPANY	08/11/2009	13/056370	2011-0126981	06/10/2014 8747505
United States Of	PROMOTERS,	THE DOW CHEMICAL				
65694A-US-NP America	METHODS	COMPANY	02/19/2008	12/033447	2008-0269452	10/05/2010 7807016
65694B-CN-PCT China	IMPROVED PRIMER ADHESION PROMOTERS,	THE DOW CHEMICAL COMPANY		200880013104.9	2003-0233-452	11/27/2013 200880013104.9
		THE DOW CHEMICAL				
65694B-DE-EPT Germany	METHODS IMPROVED PRIMER	COMPANY	02/19/2008	08730135.4	2142581	04/08/2015 602008037555.2
	ADHESION					
	PROMOTERS,					
65694B-JP-PCD Japan	COMPOSITIONS AND METHODS	THE DOW CHEMICAL COMPANY	10/22/2014	2014-216207	2015-045015	12/25/2015 5859624
0505465F-FCD Japan	IMPROVED PRIMER	COMPANY	10/23/2014	2014-210207	2013-043013	12/23/2013 3835024
	ADHESION					
	PROMOTERS,	THE DOW CHEMICAL				
65694B-JP-PCT Japan	METHODS	COMPANY	02/19/2008	2010-506345	2010-526889	02/13/2015 5693217
· ·	IMPROVED PRIMER					
	ADHESION PROMOTERS.					
		THE DOW CHEMICAL				
65694B-KR-PCD SOUTH KOREA						
	METHODS	COMPANY	12/31/2014	2014-7037104		01/15/2016 10-1587754
	IMPROVED PRIMER	COMPANY	12/31/2014	2014-7037104		01/15/2016 10-1587754
		COMPANY	12/31/2014	2014-7037104		01/15/2016 10-1587754
	IMPROVED PRIMER ADHESION PROMOTERS, COMPOSITIONS AND	THE DOW CHEMICAL				
65694B-KR-PCT SOUTH KOREA	IMPROVED PRIMER ADHESION PROMOTERS, COMPOSITIONS AND METHODS			2014-7037104		01/15/2016 10-1587754 04/09/2015 10-1512523
65694B-KR-PCT SOUTH KOREA United States Of	IMPROVED PRIMER ADHESION PROMOTERS, COMPOSITIONS AND METHODS UNIVERSAL PRIMER COMPOSITIONS AND	THE DOW CHEMICAL				
	IMPROVED PRIMER ADHESION PROMOTERS, COMPOSITIONS AND METHODS UNIVERSAL PRIMER COMPOSITIONS AND METHODS	THE DOW CHEMICAL COMPANY		2009-7022112	2011-0218299	
United States Of	IMPROVED PRIMER ADHESION PROMOTERS, COMPOSITIONS AND METHODS UNIVERSAL PRIMER COMPOSITIONS AND METHODS UNIVERSAL PRIMER UNIVERSAL PRIMER	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	02/19/2008	2009-7022112	2011-0218299	04/09/2015 10-1512523
United States Of 55695A-US-CNT America	IMPROVED PRIMER ADHESION PROMOTERS, COMPOSITIONS AND METHODS UNIVERSAL PRIMER COMPOSITIONS AND METHODS UNIVERSAL PRIMER COMPOSITIONS AND METHODS	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	02/19/2008	2009-7022112 13/11237 8	2011-0218299 2010-0063196	04/09/2015 10-1512523
United States Of 65695A-US-CNT America United States Of 65695A-US-DIV America	IMPROVED PRIMER ADHESION PROMOTERS, COMPOSITIONS AND METHODS UNIVERSAL PRIMER COMPOSITIONS AND METHODS UNIVERSAL PRIMER COMPOSITIONS AND METHODS UNIVERSAL PRIMER UNIVERSAL PRIMER	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	02/19/2008 05/20/2011	2009-7022112 13/11237 8		04/09/2015 10-1512523 10/30/2012 8298368
United States Of 55695A-US-CNT America United States Of	IMPROVED PRIMER ADHESION PROMOTERS, COMPOSITIONS AND METHODS UNIVERSAL PRIMER COMPOSITIONS AND METHODS UNIVERSAL PRIMER COMPOSITIONS AND METHODS UNIVERSAL PRIMER UNIVERSAL PRIMER	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	02/19/2008 05/20/2011	2009-7022112 13/112378 12/618298		04/09/2015 10-1512523 10/30/2012 8298368
United States Of 65695A-US-CNT America United States Of 65695A-US-DIV America United States Of	IMPROVED PRIMER ADHESION PROMOTERS, COMPOSITIONS AND METHODS UNIVERSAL PRIMER UNIVERSAL PRIMER UNIVERSAL PRIMER	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	02/19/2008 05/20/2011 11/13/2009	2009-7022112 13/112378 12/618298	2010-0063196	04/09/2015 10-1512523 10/30/2012 8298368 06/07/2011 7956151
United States Of 65695A-US-CNT America United States Of 65695A-US-DIV America United States Of 65695A-US-NP America	IMPROVED PRIMER ADHESION PROMOTERS, COMPOSITIONS AND METHODS UNIVERSAL PRIMER COMPOSITIONS AND	THE DOW CHEMICAL COMPANY	02/19/2008 05/20/2011 11/13/2009 03/04/2008	2009-7022112 13/112378 12/618298 12/041915	2010-0063196 2008-0268259	04/09/2015 10-1512523 10/30/2012 8298368 06/07/2011 7956151 04/06/2010 7691479
United States Of 65695A-US-CNT America United States Of 65695A-US-DIV America United States Of	IMPROVED PRIMER ADHESION PROMOTERS, COMPOSITIONS AND METHODS UNIVERSAL PRIMER UNIVERSAL PRIMER UNIVERSAL PRIMER	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	02/19/2008 05/20/2011 11/13/2009	2009-7022112 13/112378 12/618298 12/041915	2010-0063196	04/09/2015 10-1512523 10/30/2012 8298368 06/07/2011 7956151
United States Of 65695A-US-CNT America United States Of 65695A-US-DIV America United States Of America United States Of America Switzerland	IMPROVED PRIMER ADHESION PROMOTERS, COMPOSITIONS AND METHODS UNIVERSAL PRIMER COMPOSITIONS AND	THE DOW CHEMICAL COMPANY	02/19/2008 05/20/2011 11/13/2009 03/04/2008 02/21/2008	2009-7022112 13/112378 12/618298 12/041915 10157094.3	2010-0063196 2008-0268259 2194083	04/09/2015 10-1512523 10/30/2012 8298368 06/07/2011 7956151 04/06/2010 7691479 02/08/2012 2194083
United States Of 65695A-US-CNT America United States Of 65695A-US-DIV America United States Of 65695A-US-NP America	IMPROVED PRIMER ADHESION PROMOTERS, COMPOSITIONS AND METHODS UNIVERSAL PRIMER COMPOSITIONS AND METHODS	THE DOW CHEMICAL COMPANY	02/19/2008 05/20/2011 11/13/2009 03/04/2008 02/21/2008	2009-7022112 13/112378 12/618298 12/041915	2010-0063196 2008-0268259	04/09/2015 10-1512523 10/30/2012 8298368 06/07/2011 7956151 04/06/2010 7691479
United States Of 65695A-US-CNT America United States Of 65695A-US-DIV America United States Of America United States Of America Switzerland	IMPROVED PRIMER ADHESION PROMOTERS, COMPOSITIONS AND METHODS UNIVERSAL PRIMER	THE DOW CHEMICAL COMPANY	02/19/2008 05/20/2011 11/13/2009 03/04/2008 02/21/2008	2009-7022112 13/112378 12/618298 12/041915 10157094.3	2010-0063196 2008-0268259 2194083	04/09/2015 10-1512523 10/30/2012 8298368 06/07/2011 7956151 04/06/2010 7691479 02/08/2012 2194083
United States Of 65695A-US-CNT America United States Of 65695A-US-DIV America United States Of America United States Of America Switzerland	IMPROVED PRIMER ADHESION PROMOTERS, COMPOSITIONS AND METHODS UNIVERSAL PRIMER COMPOSITIONS AND METHODS	THE DOW CHEMICAL COMPANY	02/19/2008 05/20/2011 11/13/2009 03/04/2008 02/21/2008	2009-7022112 13/112378 12/618298 12/041915 10157094.3	2010-0063196 2008-0268259 2194083	04/09/2015 10-1512523 10/30/2012 8298368 06/07/2011 7956151 04/06/2010 7691479 02/08/2012 2194083
United States Of S5695A-US-CNT America United States Of America United States Of America United States Of America United States Of America 65695A-US-NP America 65695B-CH-ETD Switzerland 65695B-CN-PCD China	IMPROVED PRIMER ADHESION PROMOTERS, COMPOSITIONS AND METHODS UNIVERSAL PRIMER	THE DOW CHEMICAL COMPANY	02/19/2008 05/20/2011 11/13/2009 03/04/2008 02/21/2008	2009-7022112 13/112378 12/618298 12/041915 10157094.3	2010-0063196 2008-0268259 2194083	04/09/2015 10-1512523 10/30/2012 8298368 06/07/2011 7956151 04/06/2010 7691479 02/08/2012 2194083 11/21/2012 200910207716.8
United States Of S5695A-US-CNT America United States Of America United States Of America United States Of America United States Of America 65695A-US-NP America 65695B-CH-ETD Switzerland 65695B-CN-PCD China	IMPROVED PRIMER ADHESION PROMOTERS, COMPOSITIONS AND METHODS UNIVERSAL PRIMER	THE DOW CHEMICAL COMPANY	02/19/2008 05/20/2011 11/13/2009 03/04/2008 02/21/2008	2009-7022112 13/112378 12/618298 12/041915 10157094.3 200910207716.8 200880013114.2	2010-0063196 2008-0268259 2194083	04/09/2015 10-1512523 10/30/2012 8298368 06/07/2011 7956151 04/06/2010 7691479 02/08/2012 2194083 11/21/2012 200910207716.8
United States Of 65695A-US-CNT America United States Of 65695A-US-DIV America United States Of 65695A-US-NP America 65695B-CH-ETD Switzerland 65695B-CN-PCD China 65695B-CN-PCT China 65695B-DE-ETD Germany	IMPROVED PRIMER ADHESION PROMOTERS, COMPOSITIONS AND METHODS UNIVERSAL PRIMER	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	02/19/2008 05/20/2011 11/13/2009 03/04/2008 02/21/2008 02/21/2008	2009-7022112 13/112378 12/618298 12/041915 10157094.3 200910207716.8 200880013114.2	2010-0063196 2008-0268259 2194083 101696344A	04/09/2015 10-1512523 10/30/2012 8298368 06/07/2011 7956151 04/06/2010 7691479 02/08/2012 2194083 11/21/2012 200910207716.8 11/28/2012 200880013114.2
United States Of 65695A-US-CNT America United States Of America United States Of America United States Of America Switzerland 65695B-CH-ETD Switzerland 65695B-CN-PCD China 65695B-CN-PCT China	IMPROVED PRIMER ADHESION PROMOTERS, COMPOSITIONS AND METHODS UNIVERSAL PRIMER COMPOSITIONS AND METHODS	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	02/19/2008 05/20/2011 11/13/2009 03/04/2008 02/21/2008 02/21/2008	2009-7022112 13/112378 12/618298 12/041915 10157094.3 200910207716.8 200880013114.2	2010-0063196 2008-0268259 2194083 101696344A	04/09/2015 10-1512523 10/30/2012 8298368 06/07/2011 7956151 04/06/2010 7691479 02/08/2012 2194083 11/21/2012 200910207716.8 11/28/2012 200880013114.2

		LANGERCAL DRIVED				
		UNIVERSAL PRIMER	THE DOW CHEMICAL			
65695B-ES-ETD	Spain	METHODS	COMPANY	02/21/2008 10157094,3	2194083	02/08/2012 2194083
030936-13-110	Spain	UNIVERSAL PRIMER	COMPAN	02/21/2000 1013/03413	2174005	V2/V0/2V12 213 4 003
			THE DOW CHEMICAL			
65695B-FR-ETD	France	METHODS	COMPANY	02/21/2008 10157094.3	2194083	02/08/2012 2194083
		UNIVERSAL PRIMER		,,		
			THE DOW CHEMICAL			
65695B-GB-ETD	United Kingdom	METHODS	COMPANY	02/21/2008 10157094.3	2194083	02/08/2012 2194083
***************************************	-	UNIVERSAL PRIMER				
		COMPOSITIONS AND	THE DOW CHEMICAL			
65695B-IT-ETD	Italy	METHODS	COMPANY	02/21/2008 10157094.3	2194083	02/08/2012 2194083
		UNIVERSALPRIMER				
		COMPOSITIONS AND	THE DOW CHEMICAL			
65695B-JP-PCD	Japan	METHODS	COMPANY	01/22/2010 2010-012263	2010-144181	03/28/2014 5508873
		UNIVERSAL PRIMER				
		COMPOSITIONS AND	THE DOW CHEMICAL			
65695B-JP-PCT	Japan	METHODS	COMPANY	02/21/2008 2010-506347	2010-525146	12/19/2014 5666294
		UNIVERSAL PRIMER				
			THE DOW CHEMICAL			
65695B-KR-PCT	SOUTH KOREA	METHODS	COMPANY	02/21/2008 10-2009-7024365		01/30/2015 10-1490536
		CRASH DURABLE				
		EPOXY ADHESIVES				
		WITH VERY LOW				
	United States Of	SENSITIVITY TO	THE DOW CHEMICAL			
CECOCA LIC ND	United States Of	TEMPERATURE	COMPANY	00/19/2009 12/142201	2000 0210105	12/01/2000 7625077
65696A-US-NP	America	VARIATIONS CRASH DURABLE	COMPANY	06/18/2008 12/142261	2008-0319105	12/01/2009 7625977
		EPOXY ADHESIVES				
		WITH VERY LOW				
		SENSITIVITY TO				
		TEMPERATURE	THE DOW CHEMICAL			
65696B-BR-PCT	Brazil	VARIATIONS	COMPANY	06/18/2008 PI0811680.6		
		CRASH DURABLE				
		EPOXY ADHESIVES				
		WITH VERY LOW				
		SENSITIVITY TO				
		TEMPERATURE	THE DOW CHEMICAL			
65696B-CN-PCT	China	VARIATIONS	COMPANY	06/18/2008 200880020989.5	101679579	05/30/2012 200880020989.5
		CRASH DURABLE				
		EPOXY ADHESIVES				
		WITH VERY LOW				
		SENSITIVITY TO				
		TEMPERATURE	THE DOW CHEMICAL			
656968-JP-PCT	Japan	VARIATIONS	COMPANY	06/18/2008 2010-513367		12/12/2014 5662145
		CRASH DURABLE				
		EPOXY ADHESIVES				
		WITH VERY LOW				
		SENSITIVITY TO TEMPERATURE	THE DOW CHEMICAL			
65696B-KR-PCT	SOUTH KOREA	VARIATIONS	COMPANY	06/18/2008 10-2010-7001209	10 2010 00405	11/25/2014 10-1467609
03090B-KK-PC1	3001H KUNEA	METHOD OF	COMPANT	06/18/2008 10-2010-7001209	10-2010-00495	11/25/2014 10-146/609
		PREPARING GLASS				
		AND CERAMIC				
		ENAMELS ON GLASS				
		FOR ADHESIVE	THE DOW CHEMICAL			
65937A-BR-PCT	Brazil	BONDING	COMPANY	05/19/2008 PI0804474.0		
		METHOD OF				
		PREPARING GLASS				
		AND CERAMIC				
		ENAMELS ON GLASS				
		FOR ADHESIVE	THE DOW CHEMICAL			
65937A-CA-PCT	Canada	BONDING	COMPANY	05/19/2008 2659367	2659367	08/23/2011 2659367
		METHOD OF				
		PREPARING GLASS				
		AND CERAMIC				
		ENAMELS ON GLASS				
		FOR ADHESIVE	THE DOW CHEMICAL			
65937A-CN-PCT	China	BONDING	COMPANY	05/19/2008 200880000500.8	101541700A	09/19/2012 200880000500.8

	METHOD OF				
	PREPARING GLASS				
	AND CERAMIC ENAMELS ON GLASS				
	FOR ADHESIVE	THE DOW CHEMICAL			
65937A-DE-EPT Germany	BONDING	COMPANY	05/19/2008 08755831.8	2160365	04/18/2012 602008014928.5
65937A-FR-EPT France 65937A-IN-PCT India 65937A-IT-EPT Italy	METHOD OF PREPARING GLASS AND CERAMIC ENAMELS ON GLASS FOR ADHESIVE BONDING METHOD OF PREPARING GLASS AND CERAMIC ENAMELS ON GLASS FOR ADHESIVE BONDING METHOD OF PREPARING GLASS AND CERAMIC ENAMELS ON GLASS FOR ADHESIVE BONDING METHOD OF PREPARING GLASS FOR ADHESIVE BONDING METHOD OF PREPARING GLASS	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	05/19/2008 08755831.8 05/19/2008 229/CHENP/2009 05/19/2008 08755831.8	2160365 2160365	04/18/2012 2160365 06/03/2014 261092 04/18/2012 2160365
	AND CERAMIC				
	ENAMELS ON GLASS FOR ADHESIVE	THE DOW CHEMICAL			
65937A-JP-PCT Japan	BONDING METHOD OF	COMPANY	05/19/2008 2009-524030	2010-500278	05/02/2013 5260517
65937A-KR-PCT SOUTH KOREA	PREPARING GLASS AND CERAMIC ENAMELS ON GLASS FOR ADHESIVE BONDING METHOD OF PREPARING GLASS AND CERAMIC ENAMELS ON GLASS FOR ADHESIVE	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	05/19/2008 2009-7001881	2009-86509	07/06/2011 1048979
65937A-MX-PCT Mexico	BONDING	COMPANY	05/19/2008 MX/a/09/000948		04/10/2012 297973
United States Of 65937A-US-NP America United States Of	METHOD OF PREPARING GLASS AND CERAMIC ENAMELS ON GLASS FOR ADHESIVE BONDING TWO PART CRASH DURABLE EPOXY	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	01/14/2009 12/373763		05/07/2013 8435371
66006A-US-NP America	ADHESIVES POLYURETHANE	COMPANY	08/12/2008 12/190137	2009-0048370	10/02/2012 8278398
United States Of 66132A-US-NP America	SEALANT COMPOSITIONS HAVING HIGH FILLER LEVELS	THE DOW CHEMICAL COMPANY	10/10/2008 12/249030	2009-0114336	08/11/2015 9102854
	POLYURETHANE SEALANT				
	COMPOSITIONS	THE DOWN CHES SOM			
66132B-BR-PCT Brazil	HAVING HIGH FILLER LEVELS	THE DOW CHEMICAL COMPANY	10/10/2008 PI0817385.0		
66132B-CH-EPT Switzerland	POLYURETHANE SEALANT COMPOSITIONS	THE DOW CHEMICAL COMPANY	10/10/2008 08846432.6	2207830	
	HAVING HIGH FILLER	THE DOW CHEMICAL			
66132B-CN-PCT China	LEVELS	COMPANY	10/10/2008 200880115030.X	101848953A	11/07/2012 200880115030.X

		POLYURETHANE SEALANT COMPOSITIONS HAVING HIGH FILLER	THE DOW CHEMICAL				
661328-DE-EPT	Germany	LEVELS POLYURETHANE SEALANT COMPOSITIONS	COMPANY	10/10/2008 (98846432.6	2207830	
	European	HAVING HIGH FILLER	THE DOW CHEMICAL				
66132B-EP-EPT	Procedure (Patents)		COMPANY	10/10/2008(08846432.6	2207830	
		POLYURETHANE					
		SEALANT COMPOSITIONS					
			THE DOW CHEMICAL				
66132B-FR-EPT	France	LEVELS	COMPANY	10/10/2008 6	08846432.6	2207830	
		POLYURETHANE					
		SEALANT					
		COMPOSITIONS					
CC122B ID DCT	lanan	HAVING HIGH FILLER LEVELS	COMPANY	10/10/2009	2010 522114	2011-504192	04/04/2014 FF12F20
66132B-JP-PCT	Japan	POLYURETHANE	COMPANI	10/10/2008 2	2010-552114	2011-504192	04/04/2014 5512529
		SEALANT					
		COMPOSITIONS					
		HAVING HIGH FILLER	THE DOW CHEMICAL				
66132B-KR-PCT	SOUTH KOREA	LEVELS	COMPANY	10/10/2008	2010-7010010		06/12/2015 10-1529865
		PROCESS FOR BONDING REACTIVE					
		ADHESIVES TO	THE DOW CHEMICAL				
66249-CN-PCD	China	SUBSTRATES	COMPANY	04/19/2013 2	201310137295.2	103254866	12/07/2016 201310137295.2
		PROCESS FOR		, , , , , , , , , , , , , , , , , , , ,			
		BONDING REACTIVE					
		ADHESIVES TO	THE DOW CHEMICAL				
66249-CN-PCT	China	SUBSTRATES	COMPANY	08/28/2009	200980135289.5	102149739	06/19/2013 200980135289.5
		PROCESS FOR BONDING REACTIVE					
		ADHESIVES TO	THE DOW CHEMICAL				
66249-DE-EPT	Germany	SUBSTRATES	COMPANY				
		PROCESS FOR					
		BONDING REACTIVE					
66249-EP-EPT	European Procedure (Patents)	ADHESIVES TO	THE DOW CHEMICAL COMPANY	08/28/2009(ลดวดวดวง ว	2324071	
GOZH3-EF-CF1	rrocedure (rateins)	PROCESS FOR	COMPANI	00/20/2005 (J\$7\$2U3#.2	23240/1	
		BONDING REACTIVE					
		ADHESIVES TO	THE DOW CHEMICAL				
66249-FR-EPT	France	SUBSTRATES	COMPANY				
		PROCESS FOR					
		BONDING REACTIVE ADHESIVES TO	THE DOW CHEMICAL				
66249-GB-EPT	United Kingdom	SUBSTRATES	COMPANY				
******************************		PROCESS FOR					
		BONDING REACTIVE					
		ADHESIVES TO	THE DOW CHEMICAL				
66249-IT-EPT	Italy	SUBSTRATES PROCESS FOR	COMPANY				
		BONDING REACTIVE					
		ADHESIVES TO	THE DOW CHEMICAL				
66249-JP-PCD	Japan	SUBSTRATES	COMPANY	06/13/2014	2014-121955	2014-208829	11/24/2017 6246667
		PROCESS FOR					
		BONDING REACTIVE ADHESIVES TO	THE BOLL CHELLICAL				
66249-JP-PCT	Japan	SUBSTRATES	THE DOW CHEMICAL COMPANY	08/28/2009 2	2011-526907	2012-502166	06/20/2014 5564048
302-33-31-FCI	-upun	PROCESS FOR		55/25/2009 2	-511 520507	-012 302100	55, 20, 2014 JJUTU40
		BONDING REACTIVE					
		ADHESIVES TO	THE DOW CHEMICAL				
66249-KR-PCT	SOUTH KOREA	SUBSTRATES	COMPANY	08/28/2009	2011-7008177		11/28/2016 10-1682255
		PROCESS FOR BONDING REACTIVE					
	United States Of	ADHESIVES TO	THE DOW CHEMICAL				
66249-US-NP	America	SUBSTRATES	COMPANY	08/28/2009	12/549553	2010-0059179	03/05/2013 8388797

ADHESIVE COMPOSITION		
ADAPTED FOR BONDING LARGE MASS PARTS TO	THE DOW CHEMICAL	
G6250-BR-PCT Brazil STRUCTURES ADHESIVE COMPOSITION	COMPANY 07/14/2009 PI0912919.7	
ADAPTED FOR BONDING LARGE MASS PARTS TO	THE DOW CHEMICAL	
66250-CH-EPT Switzerland STRUCTURES ADHESIVE	COMPANY 07/14/2009 09790366.0	2318448 08/22/2018 2318448
COMPOSITION ADAPTED FOR		
BONDING LARGE MASS PARTS TO 66250-CN-PCT China STRUCTURES	THE DOW CHEMICAL	7 V 103131020 00/04/2014 200000127027 V
66250-CN-PCT China STRUCTURES ADHESIVE COMPOSITION	COMPANY 07/14/2009 200980132627	7.X 102131839 06/04/2014 200980132627.X
ADAPTED FOR BONDING LARGE	:	
MASS PARTS TO 66250-DE-EPT Germany STRUCTURES	THE DOW CHEMICAL 07/14/2009 09790366.0	2318448 08/22/2018 2318448
ADHESIVE COMPOSITION		
ADAPTED FOR BONDING LARGE		
European MASS PARTS TO 66250-EP-EPT Procedure (Patents) STRUCTURES ADHESIVE	THE DOW CHEMICAL COMPANY 07/14/2009 09790366.0	2318448 08/22/2018 2318448
COMPOSITION ADAPTED FOR		
BONDING LARGE MASS PARTS TO	THE DOW CHEMICAL	
66250-FR-EPT France STRUCTURES ADHESIVE	COMPANY 07/14/2009 09790366.0	2318448 08/22/2018 2318448
COMPOSITION ADAPTED FOR BONDING LARGE		
MASS PARTS TO 66250-IN-PCT India STRUCTURES	THE DOW CHEMICAL COMPANY 07/14/2009 1185/CHENP/	2011 1185/CHENP/2011
Adhesive Composition		
ADAPTED FOR BONDING LARGE	222222222222222222222222222222222222222	
MASS PARTS TO 66250-JP-PCT Japan STRUCTURES ADHESIVE	THE DOW CHEMICAL COMPANY 07/14/2009 2011-523843	2012-500862 12/26/2014 5669735
COMPOSITION ADAPTED FOR		
BONDING LARGE MASS PARTS TO		
66250-KR-PCT SOUTH KOREA STRUCTURES ADHESIVE	COMPANY 07/14/2009 2011-7003965	08/18/2016 10-1650965
COMPOSITION ADAPTED FOR		
BONDING LARGE United States Of MASS PARTS TO 66250-US-PCT America STRUCTURES	: THE DOW CHEMICAL COMPANY 07/14/2009 13/002666	2011-0108183 03/11/2014 8668804
PROTECTIVE COATINGS FOR	5717/2005 15/002000	2011 0100103 03/11/2014 0000004
WINDOW GLASS HAVING ENHANC		
ADHESION TO GL United States Of BONDING	THE DOW CHEMICAL	
66765A-US-NP America ADHESIVES PROTECTIVE COATINGS FOR	COMPANY 12/18/2008 12/338752	2009-0162592 04/03/2012 8147974
WINDOW GLASS HAVING ENHANG	000000000000000000000000000000000000000	
ADHESION TO GL BONDING		
66765B-CN-PCT China ADHESIVES	COMPANY 12/18/2008 200880121503	3.7 101903483 09/10/2014 200880121503.7

	667658-DE-EPT	Germany	PROTECTIVE COATINGS FOR WINDOW GLASS HAVING ENHANCED ADHESION TO GLASS BONDING ADHESIVES PROTECTIVE COATINGS FOR WINDOW GLASS HAVING ENHANCED ADHESION TO GLASS	THE DOW CHEMICAL COMPANY	12/18/2008	08861056.3	2225339	06/29/2016 602008044935.1
	66765B-FR-EPT	France United Kingdom	BONDING ADHESIVES PROTECTIVE COATINGS FOR WINDOW GLASS HAVING ENHANCED ADHESION TO GLASS BONDING ADHESIVES PROTECTIVE COATINGS FOR WINDOW GLASS HAVING ENHANCED ADHESION TO GLASS	THE DOW CHEMICAL COMPANY	12/18/2008		2225339	06/29/2016 2225339 06/29/2016 2225339
	66765B-IT-EPT	Italy	BONDING ADHESIVES	THE DOW CHEMICAL COMPANY	12/18/2008	000610E6 2	2225339	06/29/2016 50201600009678
	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 BONDING BONDING	THE DOW CHEMICAL COMPANY	12/18/2008	2010-539823		07/04/2014 5571572
	66765B-KR-PCT	SOUTH KOREA	ADHESIVES	COMPANY	12/18/2008	2010-7015802		01/15/2016 10-1587666
	66968A-US-CIP	United States Of America	REFRIGERANT COMPOSITION	THE DOW CHEMICAL COMPANY	05/19/2011	13/111389	2011-0272624	08/21/2012 8246852
	66968A-US-NP	United States Of America	REFRIGERANT COMPOSITION	THE DOW CHEMICAL COMPANY	04/02/2000	12/417044	2000 0202264	08/23/2011 8003003
	66968B-BR-PCT	Brazil	REFRIGERANT COMPOSITION	THE DOW CHEMICAL COMPANY	04/03/2009	P10906547.4	2009-0302264	00/23/2011 0003003
	CCOCOR CN DCT	China	REFRIGERANT COMPOSITION	THE DOW CHEMICAL COMPANY	04/02/2000	200090120292 6	1020467524	07/21/2012 200090120292 6
:	66968B-CN-PCT	Cillia	REFRIGERANT	THE DOW CHEMICAL	04/03/2009	200980120282.6	102046752A	07/31/2013 200980120282.6
	66968B-DE-EPT	Germany	COMPOSITION	COMPANY	04/03/2009	09755484.4	2285931	11/08/2017 602009049259.4
	66968B-EP-EPT	European Procedure (Patents)	REFRIGERANT	THE DOW CHEMICAL COMPANY	04/03/2009	007554944	2285931	11/08/2017 2285931
	00308B-EF-EF1	Procedure (Faterits)	REFRIGERANT	THE DOW CHEMICAL	04/03/2009	03733484.4	2283931	11/00/2017 2283331
	66968B-FR-EPT	France	COMPOSITION REFRIGERANT	COMPANY THE DOW CHEMICAL	04/03/2009	09755484.4	2285931	11/08/2017 2285931
	66968B-GB-EPT	United Kingdom	COMPOSITION	COMPANY	04/03/2009	09755484.4	2285931	11/08/2017 2285931
	66968B-JP-PCT	Japan	REFRIGERANT COMPOSITION	THE DOW CHEMICAL COMPANY	04/03/2009	2011-503201	2011-516671	07/10/2015 5774981
	66968B-KR-PCT	SOUTH KOREA United States Of America	REFRIGERANT COMPOSITION ADHESIVE USEFUL FOR INSTALLING VEHICLE WINDOWS PROVIDING RAPID DRIVE AWAY TIME ADHESIVE USEFUL FOR INSTALLING VEHICLE WINDOWS	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY		2010-7024668		02/03/2016 10-1593716 08/07/2012 8236891
	67437B-BR-PCT	Brazil	PROVIDING RAPID DRIVE AWAY TIME	THE DOW CHEMICAL COMPANY	02/26/2009	PI0916097.3		

	ADHESIVE USEFUL				
	FOR INSTALLING				
	VEHICLE WINDOWS				
	PROVIDING RAPID	THE DOW CHEMICAL			
674378-CH-EPT Switzerland	DRIVE AWAY TIME	COMPANY	02/26/2009 09789481.0	2382254	08/16/2017 2382254
	ADHESIVE USEFUL				
	FOR INSTALLING				
	VEHICLE WINDOWS				
	PROVIDING RAPID	THE DOW CHEMICAL			
67437B-CN-PCT China	DRIVE AWAY TIME	COMPANY	02/26/2009 200980148515.3	102239199	01/29/2014 200980148515.3
	ADHESIVE USEFUL				
	FOR INSTALLING VEHICLE WINDOWS				
	PROVIDING RAPID	THE DOW CHEMICAL			
67437B-DE-EPT Germany	DRIVE AWAY TIME	COMPANY	02/26/2009 09789481.0	2382254	08/16/2017 602009047794.3
**************************************	ADHESIVE USEFUL				00/10/201/ 2020/201/ 2510
	FOR INSTALLING				
	VEHICLE WINDOWS				
	PROVIDING RAPID	THE DOW CHEMICAL			
67437B-FR-EPT France	DRIVE AWAY TIME	COMPANY	02/26/2009 09789481.0	2382254	08/16/2017 2382254
	ADHESIVE USEFUL				
	FOR INSTALLING				
	VEHICLE WINDOWS				
· ·	PROVIDING RAPID	THE DOW CHEMICAL			
674378-IN-PCT India	DRIVE AWAY TIME	COMPANY	02/26/2009 4472/CHENP/2011	4472/CHENP/2	02/26/2018 293382
	ADHESIVE USEFUL FOR INSTALLING				
	VEHICLE WINDOWS				
	PROVIDING RAPID	THE DOW CHEMICAL			
67437B-JP-PCD Japan	DRIVE AWAY TIME	COMPANY	11/28/2014 2014-240949	2015-091972	05/11/2018 6336381
37.13.23.13.2	ADHESIVE USEFUL		,,		,
	FOR INSTALLING				
	VEHICLE WINDOWS				
	PROVIDING RAPID	THE DOW CHEMICAL			
67437B-JP-PCT Japan	DRIVE AWAY TIME	COMPANY	02/26/2009 2011-539527	2012-510556	07/21/2017 6178542
	ADHESIVE USEFUL				
	FOR INSTALLING				
	VEHICLE WINDOWS				
67437B-KR-PCT SOUTH KOREA	PROVIDING RAPID DRIVE AWAY TIME	THE DOW CHEMICAL COMPANY	02/20/2000 2011 7014280		02/17/2016 10 1605020
67437B-KR-PCT SOUTH KOREA	DRIVE AWAT HIVE	COMPANT	02/26/2009 2011-7014389		03/17/2016 10-1605928
	LOW VISCOSITY	THE DOW CHEMICAL			
67548-BR-PCT Brazil	FUNCTIONAL FLUIDS		06/22/2011 112012033194.9		
:50:50:50:50:50:50:50:50:50:50:50:50:50:	******************************				
	LOW VISCOSITY	THE DOW CHEMICAL			
67548-CN-PCT China	FUNCTIONAL FLUIDS	COMPANY	06/22/2011 201180033046.8	102971404	09/24/2014 201180033046.8
	LOW VISCOSITY	THE DOW CHEMICAL			
67548-DE-EPT Germany	FUNCTIONAL FLUIDS	COMPANY	06/22/2011 11730489 9	2588582	01/14/2015 602011013160.5
	LOWLYCOOCITY	THE BOW SHEET TO SE			
CZE 40 ED EDT Even ee	LOW VISCOSITY	THE DOW CHEMICAL	06/22/2011 11720100 0	2500502	04 /4 4 /204 5 25 00 5 02
67548-FR-EPT France	FUNCTIONAL FLUIDS	CUMPANY	06/22/2011 11730489.9	2588582	01/14/2015 2588582
	LOW VISCOSITY	THE DOW CHEMICAL			
67548-GB-EPT United Kingdom	FUNCTIONAL FLUIDS		06/22/2011 11730489.9	2588582	01/14/2015 2588582
	LOW VISCOSITY	THE DOW CHEMICAL			
67548-JP-PCT Japan	FUNCTIONAL FLUIDS	COMPANY	06/22/2011 2013-518473	2013-530292	07/31/2015 5784115
	LOW VISCOSITY	THE DOW CHEMICAL			
67548-KR-PCT SOUTH KOREA	FUNCTIONAL FLUIDS	COMPANY	06/22/2011 2013-7002624	10-20130-0383	05/03/2018 10-1856798
Hatta desir of	LOWINGCOSTY	THE DOM/ENERALEM			
United States Of	LOW VISCOSITY FUNCTIONAL FLUIDS	THE DOW CHEMICAL	06/22/2011 12/000700	2012 0000271	00/20/2014 0040500
67548-US-PCT America	FUNCTIONAL FIUIDS	LUPPENT	06/22/2011 13/698706	2013-0090274	09/30/2014 8846588
	LOW ENERGY				
	LOW ENERGY SURFACE BONDING				
	LOW ENERGY SURFACE BONDING SYSTEM				
	LOW ENERGY SURFACE BONDING SYSTEM CONTAINING A	THE DOW CHEMICAL			
67997-CH-EPT Switzerland	LOW ENERGY SURFACE BONDING SYSTEM CONTAINING A	THE DOW CHEMICAL COMPANY	10/29/2009 09752950.7	2350211	02/28/2018 2350211

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

STRUCTURAL EPOX RESIN ADHESIVES CONTAINING ELASTOMERIC TOUGHENERS CAPPED WITH 68623-GB-EPT United Kingdom KETOXIMES STRUCTURAL EPOX RESIN ADHESIVES CONTAINING ELASTOMERIC TOUGHENERS CAPPED WITH	THE DOW CHEMICAL COMPANY 10/11/2010 10766201.7 2496657 04/27/2016 2496657
68623-IT-EPT Italy KETOXIMES STRUCTURAL EPOX RESIN ADHESIVES CONTAINING ELASTOMERIC TOUGHENERS United States Of CAPPED WITH 68623-US-CNT America KETOXIMES IMPROVED VEHICULAR GLASS ADHESIVE AND METHOD OF	COMPANY 10/11/2010 10766201.7 2496657 04/27/2016 50201600007620
ADHERING SAID GLASS IMPROVED VEHICULAR GLASS. ADHESIVE AND METHOD OF ADHERING SAID G8780-CN-PCT China GLASS IMPROVED VEHICULAR GLASS ADHESIVE AND METHOD OF ADHERING SAID GLASS IMPROVED VEHICULAR GLASS ADHESIVE AND METHOD OF	THE DOW CHEMICAL COMPANY 04/25/2011 11717160.3 2563831 04/20/2016 2563831 THE DOW CHEMICAL COMPANY 04/25/2011 201180021714.5 102869695 07/01/2015 201180021714.5
ADHERING SAID GRASS GLASS IMPROVED VEHICULAR GLASS ADHESIVE AND METHOD OF ADHERING SAID GRASS IMPROVED VEHICULAR GLASS IMPROVED VEHICULAR GLASS ADHESIVE AND METHOD OF ADHERING SAID METHOD OF ADHERING SAID	THE DOW CHEMICAL COMPANY 04/25/2011 11717160.3 2563831 04/20/2016 602011025575.4 THE DOW CHEMICAL COMPANY 04/25/2011 11717160.3 2563831 04/20/2016 2563831 THE DOW CHEMICAL
68780-GB-EPT United Kingdom GLASS IMPROVED VEHICULAR GLASS ADHESIVE AND METHOD OF ADHERING SAID GLASS IMPROVED VEHICULAR GLASS IMPROVED VEHICULAR GLASS ADHESIVE AND METHOD OF	COMPANY 04/25/2011 11717160.3 2563831 04/20/2016 2563831 THE DOW CHEMICAL COMPANY 04/25/2011 11717160.3 2563831 04/20/2016 50201600006581
68780-JP-PCT Japan GLASS IMPROVED VEHICULAR GLASS ADHESIVE AND METHOD OF ADHERING SAID 68780-KR-PCT SOUTH KOREA GLASS VEHICULAR GLASS ADHESIVE AND METHOD OF METHOD OF	THE DOW CHEMICAL COMPANY 04/25/2011 2013-508116 2013-525575 10/30/2015 5830525 THE DOW CHEMICAL COMPANY 04/25/2011 10-2012-7031268 10-2013-0106; 07/17/2018 10-1881173
United States Of ADHERING SAID 68780-US-NP America GLASS	THE DOW CHEMICAE COMPANY 04/25/2011 13/093013 2011-0265932 05/20/2014 8729168

	TWO-PART POLYURETHANE ADHESIVE FOR BONDING FIBER- REINFORCED	THE DOWN CHEMICAL			
68825-DE-EPT Germany	PLASTICS TWO-PART POLYURETHANE ADHESIVE FOR	THE DOW CHEMICAL COMPANY	11/17/2011 11788745.5	2649108	09/30/2015 602011020190.5
68825-FR-EPT France	BONDING FIBER- REINFORCED PLASTICS	THE DOW CHEMICAL	11/17/2011 11788745.5	2649108	00/20/2015 2640109
D8823-FR-EP1 FIBILE	TWO-PART POLYURETHANE ADHESIVE FOR BONDING FIBER- REINFORCED	THE DOW CHEMICAL	11/1//2011 11/88/45.5	2649108	09/30/2015 2649108
68825-GB-EPT United Kingdom	PLASTICS TWO-PART	COMPANY	11/17/2011 11788745.5	2649108	09/30/2015 2649108
	POLYURETHANE ADHESIVE FOR				
	BONDING FIBER- REINFORCED	THE DOW CHEMICAL			
68825-IT-EPT Italy	PLASTICS	COMPANY	11/17/2011 11788745.5	2649108	09/30/2015 50201500008581
United States Of	TWO-PART POLYURETHANE ADHESIVE FOR BONDING FIBER- REINFORCED	THE DOW CHEMICAL			
68825-US-PCT America	PLASTICS	COMPANY	11/17/2011 13/990149		06/09/2015 9051499
	ALKOXYSILANE CONTAINING				
	POLYURETHANE ADHESIVE				
	COMPOSITIONS CONTAINING				
69104-CN-PCT China	CALCIUM CARBONATE	THE DOW CHEMICAL	02/08/2012 201280008742.8	103370350	05/27/2015
03104-CA-FCT Clinia	ALKOXYSILANE CONTAINING POLYURETHANE ADHESIVE COMPOSITIONS	CONTENT	02/09/2012 201200000/42.0	1033/0330	03/27/2013
European 69104-EP-EPT Procedure (Patents	CONTAINING CALCIUM CARBONATE ALKOXYSILANE	THE DOW CHEMICAL COMPANY	02/08/2012 12704488.1	2675831	
	CONTAINING POLYURETHANE				
	ADHESIVE COMPOSITIONS				
	CONTAINING	THE DOWN CHENICAL			
69104-JP-PCD Japan	CALCIUM CARBONATE	THE DOW CHEMICAL COMPANY	07/12/2016 2016-137543	2017-039908	01/05/2018 6268233
	ALKOXYSILANE CONTAINING POLYURETHANE ADHESIVE COMPOSITIONS CONTAINING CALCIUM	THE DOW CHEMICAL			
69104-JP-PCT Japan	CARBONATE ALKOXYSILANE	COMPANY	02/08/2012 2013-554482	2014-511412	07/22/2016 5972910
	CONTAINING				
	POLYURETHANE ADHESIVE				
	COMPOSITIONS CONTAINING				
69104-KR-PCD SOUTH KOREA	CALCIUM CARBONATE	THE DOW CHEMICAL COMPANY	06/25/2015 2015-7016962		12/29/2017 10-1815743

69104-KR-PCD[2] SO	C P A C C UTH KOREA C A C P A C C	ALKOXYSILANE CONTAINING COLYURETHANE ADHESIVE COMPOSITIONS CONTAINING ARBONATE ALCIUM ARBONATE ALKOXYSILANE CONTAINING COLYURETHANE ADHESIVE COMPOSITIONS CONTAINING	THE DOW CHEMICAL COMPANY	12/28/2017	2017-7037650	10-2018-000483	18
69104-KR-PCT SO		CALCIUM CARBONATE	THE DOW CHEMICAL COMPANY	02/08/2012	2013-7024154		03/31/2017 10-1724180
	A C P A C C	ALKOXYSILANE CONTAINING POLYURETHANE ADHESIVE COMPOSITIONS CONTAINING					
		CALCIUM CARBONATE	THE DOW CHEMICAL COMPANY	02/08/2012	13/996270	2013-0269875	07/21/2015 9085716
	V P C IS S	NATER BASED PRIMER COMPOSITION FOR SOCYANATE AND ILLANE FUNCTIONAL	THE DOW CHEMICAL				
69576-CN-PCT Ch	ina A	ADHESIVES	COMPANY	03/04/2011	201180023238.0	102985385	03/16/2016 201180023238.0
	P C IS S CMANY A V P C IS S	NATER BASED PRIMER COMPOSITION FOR SOCYANATE AND ILLANE FUNCTIONAL	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	03/04/2011		2545010	01/21/2015 602011013315.2
	V P C IS S	NATER BASED PRIMER COMPOSITION FOR SOCYANATE AND ILLANE FUNCTIONAL ADHESIVES	THE DOW CHEMICAL COMPANY	03/04/2011		2545010 2545010	01/21/2015 2545010 01/21/2015 2545010
Un	P C IS	NATER BASED PRIMER COMPOSITION FOR SOCYANATE AND BILANE FUNCTIONAL	THE DOW CHEMICAL				
69576-US-PCT Am	S R C E E T C P P	ADHESIVES ATRUCTURAL EPOXY ATRUCTURAL EPOXY ATRUCTURAL EPOXY ATRUCTURAL ADHIBITION ATRUCTURA ATR	THE DOW CHEMICAL COMPANY	03/04/2011	13/577668		03/18/2014 8673999

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69844-EP-EPT Procedure (Patents) COMPOUR	
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PHENOL, POLYPHEN	IOLOR
AMINOPH	
69844-KR-PCT SOUTH KOREA COMPOU	
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COMPONE HAVING IN DURABILIT 70305-CN-PCD China CURED ST/ CURABLE	ENTS MPROVED IY IN THE THE DOW CHEMICAL ATE COMPANY 01/14/2015 201510021405.8 104672413
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COMPONE HAVING IN DURABILIT 70305-CN-PCD China CURED ST/ CURABLE COMPOSIT CONTAINII ISOCYANA FUNCTION COMPONE	ENTS MPROVED TY IN THE THE DOW CHEMICAL ATE COMPANY 01/14/2015 201510021405.8 104672413 TIONS NG IUTE JAL ENTS
COMPONE HAVING IN DURABILIT 70305-CN-PCD China CURED ST/ CURABLE COMPOSIT CONTAINII ISOCYANA FUNCTION COMPONE HAVING IN	ENTS MPROVED TY IN THE THE DOW CHEMICAL ATE COMPANY 01/14/2015 201510021405.8 104672413 TIONS NG KITE KIAL ENTS MPROVED
COMPONE HAVING IN DURABILIT 70305-CN-PCD China CURED ST/ CURABLE COMPOSIT CONTAINII ISOCYANA FUNCTION COMPONE	ENTS MPROVED IY IN THE THE DOW CHEMICAL ATE COMPANY 01/14/2015 201510021405.8 104672413 TIONS NG INTE HAL ENTS MPROVED IY IN THE THE DOW CHEMICAL THE DOW CHEMICAL THE DOW CHEMICAL THE DOW CHEMICAL

70305-DE-EPT Germany	CURABLE COMPOSITIONS CONTAINING ISOCYANATE FUNCTIONAL COMPONENTS HAVING IMPROVED DURABILITY IN THE CURED STATE CURABLE COMPOSITIONS CONTAINING ISOCYANATE FUNCTIONAL COMPONENTS HAVING IMPROVED DURABILITY IN THE	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	11/23/2011 11793953.8	2655459	11/09/2016 602011032260.5
70305-FR-EPT France	CURED STATE	COMPANY	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 CURABLE COMPOSITIONS CONTAINING ISOCYANATE FUNCTIONAL COMPONENTS HAVING IMPROVED	THE DOW CHEMICAL COMPANY	11/23/2011 11793953.8	265545 9	11/09/2016 2655459
	DURABILITY IN THE	THE DOW CHEMICAL			
70305-IT-EPT Italy	CURED STATE	COMPANY	11/23/2011 11793953.8	2655459	11/09/2016 50201700001231
70305-JP-PCT Japan	CURABLE COMPOSITIONS CONTAINING ISOCYANATE FUNCTIONAL COMPONENTS HAVING IMPROVED DURABILITY IN THE CURED STATE CURABLE COMPOSITIONS CONTAINING ISOCYANATE FUNCTIONAL COMPONENTS HAVING IMPROVED DURABILITY IN THE	THE DOW CHEMICAL	11/23/2011 2013-546153	2014-507506	04/24/2015: 5736058
70305-KR-PCT SOUTH KOREA United States Of 70305-US-PCT America	CURED STATE CURABLE COMPOSITIONS CONTAINING ISOCYANATE FUNCTIONAL COMPONENTS HAVING IMPROVED DURABILITY IN THE CURED STATE DUAL CURE ADHESIVE USEFUL FOR BONDING TO	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	11/23/2011 2013-7018907 11/23/2011 13/885279	2013-0233488	11/04/2015 10-1568069 03/22/2016 9290607
70347-CN-PCT China 70347-DE-EPT Germany	GLASS DUAL CURE ADHESIVE USEFUL FOR BONDING TO GLASS	THE DOW CHEMICAL COMPANY	04/25/2012 201280021527.1 04/25/2012 12720052.5	103547606 2705065	01/20/2016 2012800215271

	F	DUAL CURE ADHESIVE USEFUL	T. C.				
70347-EP-EPT	European Procedure (Patents)		THE DOW CHEMICAL COMPANY	04/25/2012	12720052.5	2705065	10/03/2018 2705065
		DUAL CURE ADHESIVE USEFUL					
70347-FR-EPT	France	FOR BONDING TO GLASS	THE DOW CHEMICAL COMPANY	04/25/2012	12720052.5	2705065	
		DUAL CURE ADHESIVE USEFUL					
70347-GB-EPT	United Kingdom	FOR BONDING TO GLASS	THE DOW CHEMICAL COMPANY	04/25/2012	12720052.5	2705065	
		DUAL CURE ADHESIVE USEFUL					
		FOR BONDING TO	THE DOW CHEMICAL				
70347-IT-EPT	Italy	GLASS DUAL CURE	COMPANY	04/25/2012	12720052.5	2705065	
		ADHESIVE USEFUL FOR BONDING TO	THE DOW CHEMICAL				
70347-JP-PCT	Japan	GLASS DUAL CURE	COMPANY	04/25/2012	2014-509311	2014-517099	09/11/2015 5805854
		ADHESIVE USEFUL FOR BONDING TO	THE DOW CHEMICAL				
70347-KR-PCT	SOUTH KOREA	GLASS DUAL CURE	COMPANY	04/25/2012	2013-7029044	2013-0143660	02/19/2016 10-1597888
		ADHESIVE USEFUL					
70347-US-NP	United States Of America	FOR BONDING TO GLASS	THE DOW CHEMICAL COMPANY	04/25/2012	13/455294	2012-0279654	06/02/2015 9045672
		STORAGE-STABLE HEAT-ACTIVATED					
		TERTIARY AMINE CATALYSTS FOR	THE DOW CHEMICAL				
70397-DE-EPT	Germany	EPOXY RESINS STORAGE-STABLE	COMPANY	06/27/2011	11731202.5	2588554	11/19/2014 602011011546.4
		HEAT-ACTIVATED TERTIARY AMINE					
70397-EP-EPD	European Procedure (Patents)	CATALYSTS FOR	THE DOW CHEMICAL	10/01/2014	14187296.0	2840125	
70397-LF-LFD	rrocedure (ratents)	STORAGE-STABLE	CONTRACT	10/01/2014	1410/250.0	2040123	
		HEAT-ACTIVATED TERTIARY AMINE					
70397-US-PCD	United States Of America	CATALYSTS FOR EPOXY RESINS	THE DOW CHEMICAL COMPANY	03/03/2015	14/636508	2015-0166857	04/24/2018 9951256
		STORAGE-STABLE HEAT-ACTIVATED					
	United States Of	TERTIARY AMINE CATALYSTS FOR	THE DOW CHEMICAL				
70397-US-PCT	America	EPOXY RESINS	COMPANY	06/27/2011	13/640887	2013-0090431	04/07/2015 9000120
		NOVEL STRUCTURAL ADHESIVE AND USE	THE DOW CHEMICAL				
71056-BR-PCT	Brazil	THEREOF	COMPANY	05/01/2012	112013026609.0		
		NOVEL STRUCTURAL					
71056-CH-EPT	Switzerland	ADHESIVE AND USE THEREOF	THE DOW CHEMICAL COMPANY	05/01/2012	12721649.7	2710049	04/05/2017 2710049
		NOVEL STRUCTURAL					
71056-CN-PCT	China	ADHESIVE AND USE THEREOF	THE DOW CHEMICAL COMPANY	05/01/2012	201280023502.5	103547610	08/11/2017 201280023502.5
		NOVEL STRUCTURAL					
71056-DE-EPT	Germany	ADHESIVE AND USE THEREOF	THE DOW CHEMICAL COMPANY	05/01/2012	12721649.7	2710049	04/05/2017 602012030746.3
, 2000 02 11		NOVEL STRUCTURAL	1 m m (1995) (1970)	55, 51, 2012	,,	2, 20043	1,75,751, 5525125507403
71056-EP-EPT	European Procedure (Patents	ADHESIVE AND USE	THE DOW CHEMICAL COMPANY	05/01/2012	12721649.7	2710049	04/05/2017 2710049
		NOVEL STRUCTURAL					
71056-JP-PCT	Japan	ADHESIVE AND USE THEREOF	THE DOW CHEMICAL COMPANY	05/01/2012	2014-511381	2014-518922	12/02/2016 6049705

71056-KR-PCT SOUTH KOREA	NOVEL STRUCTURAL ADHESIVE AND USE THEREOF	THE DOW CHEMICAL COMPANY	05/01/2012	2013-7030371	10-2014-0030	191
	EPOXY RESIN WITH					
	ENHANCED VISCOSITY STABILITY	THE DOW CHEMICAL				
71277-BR-PCT Brazil	AND USE THEREOF	COMPANY	07/16/2012	112014000231.2		
	EPOXY RESIN WITH					
	ENHANCED					
71277-CH-EPT Switzerland	VISCOSITY STABILITY AND USE THEREOF	THE DOW CHEMICAL COMPANY	07/16/2012	12738356.0	2748223	
	EPOXY RESIN WITH ENHANCED					
	VISCOSITY STABILITY	THE DOW CHEMICAL				
71277-CN-PCT China	AND USE THEREOF	COMPANY	07/16/2012	201280040395.7	103732647	08/11/2017 201280040395.7
	EPOXY RESIN WITH					
	ENHANCED VISCOSITY STABILITY	THE DOW CHEMICAL				
71277-DE-EPT Germany	AND USE THEREOF	COMPANY	07/16/2012	12738356.0	2748223	
	EPOXY RESIN WITH					
	ENHANCED					
European		THE DOW CHEMICAL	07/16/2012	12729256.0	2740222	
71277-EP-EPT Procedure (Pater	its) AND USE THEREOF	COMPANY	07/16/2012	12/38356.0	2748223	
	EPOXY RESIN WITH					
	ENHANCED VISCOSITY STABILITY	THE DOW CHEMICAL				
71277-FR-EPT France	AND USE THEREOF	COMPANY	07/16/2012	12738356.0	2748223	
	EPOXY RESIN WITH					
	ENHANCED					
71277-GB-EPT United Kingdom	VISCOSITY STABILITY AND USE THEREOF	THE DOW CHEMICAL COMPANY	07/16/2012	12738356.0	2748223	
	EPOXY RESIN WITH ENHANCED					
		THE DOW CHEMICAL				
71277-IT-EPT Italy	AND USE THEREOF	COMPANY	07/16/2012	12738356.0	2748223	
	EPOXY RESIN WITH					
	ENHANCED VISCOSITY STABILITY	THE DOW CHEMICAL				
71277-KR-PCT SOUTH KOREA	AND USE THEREOF	COMPANY	07/16/2012	10-2014-7003749	10-2014-0063	600
	EPOXY RESIN WITH					
	ENHANCED					
United States Of 71277-US-CNT America	VISCOSITY STABILITY AND USE THEREOF	THE DOW CHEMICAL COMPANY	10/21/2015	14/918660	2016-0040049	12/12/2017 9840646
	ADHESIVE USEFUL					
71568-AU-PCT Australia	FOR INSTALLING VEHICLE WINDOWS	THE DOW CHEMICAL COMPANY	03/08/2013	2013364399		09/07/2017 2013364399
	ADHESIVE USEFUL		, ,			
71568-BR-PCT Brazil	FOR INSTALLING VEHICLE WINDOWS	THE DOW CHEMICAL COMPANY	03/08/2013	112015014986-3		
	ADHESIVE USEFUL					
71568-CH-EPT Switzerland	FOR INSTALLING VEHICLE WINDOWS	THE DOW CHEMICAL COMPANY	03/08/2013	13715788.9	2935385	05/10/2017 2935385
	ADHESIVE USEFUL		, ,			
71568-CN-PCT China	FOR INSTALLING VEHICLE WINDOWS	THE DOW CHEMICAL COMPANY	03/08/2013	201380065373.0		11/14/2017 201380065373.0
	ADHESIVE USEFUL					
71568-DE-EPT Germany	FOR INSTALLING VEHICLE WINDOWS	THE DOW CHEMICAL COMPANY	03/08/2013	13715788.9	2935385	05/10/2017 602013020933.2
,	ADHESIVE USEFUL		,,			, ,
71568-FR-EPT France	FOR INSTALLING VEHICLE WINDOWS	THE DOW CHEMICAL COMPANY	03/08/2013	13715788.9	2935385	05/10/2017 2935385
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		ADHESIVE USEFUL					
	Lister Little allow	FOR INSTALLING	THE DOW CHEMICAL	00/00/00/0	10715700.0	2025205	05/40/0047 0005005
71568-GB-EPT	United Kingdom	VEHICLE WINDOWS ADHESIVE USEFUL	COMPANY	03/08/2013	13715788.9	2935385	05/10/2017 2935385
		FOR INSTALLING	THE DOW CHEMICAL				
71568-IN-PCT	India	VEHICLE WINDOWS	COMPANY	03/08/2013	5833/DELNP/2015		
Comment Mark Street		ADHESIVE USEFUL					
		FOR INSTALLING	THE DOW CHEMICAL				
71568-JP-PCD	Japan	VEHICLE WINDOWS	COMPANY	11/24/2017	2017-226019	2018-076509	
		ADHESIVE USEFUL					
		FOR INSTALLING	THE DOW CHEMICAL				
71568-JP-PCT	Japan	VEHICLE WINDOWS	COMPANY	03/08/2013	2015-549352	2016-508170	
		ADHESIVE USEFUL					
		FOR INSTALLING	THE DOW CHEMICAL				
71568-KR-PCT	SOUTH KOREA	VEHICLE WINDOWS	COMPANY	03/08/2013	10-2015-7016117		04/05/2017 10-1726111
	United States Of	ADHESIVE USEFUL FOR INSTALLING	THE DOW CHEMICAL				
71568-US-PCT	America	VEHICLE WINDOWS	COMPANY	03/08/2013	1////3031	2015-0291863	10/25/2016 9475972
7.1.000-02-1-01	MIGHOR	CURABLE	COMICANT	03/00/2013	17/772331	2015-0231605	10/23/2010 34/33/2
		COMPOSITIONS					
		CONTAINING					
		ISOCYANATE					
		FUNCTIONAL					
		COMPONENTS					
		HAVING IMPROVED	THE DOW CHEMICAL				
71658-CH-EPT	Switzerland	DURABILITY	COMPANY	06/07/2012	12727083.3	2782943	12/20/2017 2782943
		CURABLE					
		COMPOSITIONS CONTAINING					
		ISOCYANATE					
		FUNCTIONAL					
		COMPONENTS					
		HAVING IMPROVED	THE DOW CHEMICAL				
71658-DE-EPT	Germany	DURABILITY	COMPANY	06/07/2012	12727083.3	2782943	12/20/2017 602012041091.4
		CURABLE					
		COMPOSITIONS					
		CONTAINING					
		ISOCYANATE					
		FUNCTIONAL					
	Europoon	COMPONENTS	THE DOW CHEMICAL				
71658-EP-EPT	European Procedure (Patent	HAVING IMPROVED	COMPANY	06/07/2012	12727083.3	2782943	12/20/2017 2782943
71038-EF-EF1	Trocedure (Faterit	CURABLE	COIVII MIT	00/07/2012	12/2/005.5	2702343	12/20/2017 2782943
		COMPOSITIONS					
		CONTAINING					
		ISOCYANATE					
		FUNCTIONAL					
		COMPONENTS					
			THE DOW CHEMICAL				
71658-FR-EPT	France	DURABILITY	COMPANY	06/07/2012	12727083.3	2782943	12/20/2017 2782943
		CURABLE COMPOSITIONS					
		COMPOSITIONS					
		ISOCYANATE					
		FUNCTIONAL					
		COMPONENTS					
		HAVING IMPROVED	THE DOW CHEMICAL				
71658-GB-EPT	United Kingdom	DURABILITY	COMPANY	06/07/2012	12727083.3	2782943	12/20/2017 2782943
		CURABLE					
		COMPOSITIONS					
		CONTAINING					
		ISOCYANATE					
		FUNCTIONAL					
	United States Of	COMPONENTS HAVING IMPROVED	THE DOW CHEMICAL				
71658-US-PCT	America	DURABILITY	COMPANY	06/07/2012	14/353429	2014-0290855	08/02/2016 9403933
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71699-CH-EPT	Switzerland	COMPOSITIONS CONTAINING AROMATIC ISOCYANATE FUNCTIONAL COMPONENTS AND ALIPHATIC AROMATIC ISOCYANATE FUNCTIONAL COMPONENTS HAVING IMPROVED CURE SPEED COMPOSITIONS CONTAINING AROMATIC ISOCYANATE FUNCTIONAL COMPONENTS AND ALIPHATIC AROMATIC ISOCYANATE FUNCTIONAL COMPONENTS FUNCTIONAL COMPONENTS	THE DOW CHEMICAL COMPANY	01/29/2013 13703278.5	2817346	04/26/2017 2817346
71699-CN-PCT	China	HAVING IMPROVED CURE SPEED	THE DOW CHEMICAL COMPANY	01/29/2013 201380010315.8	104136473	12/07/2016 201380010315.8
		COMPOSITIONS CONTAINING AROMATIC ISOCYANATE FUNCTIONAL COMPONENTS AND ALIPHATIC AROMATIC ISOCYANATE FUNCTIONAL COMPONENTS HAVING IMPROVED	THE DOW CHEMICAL			
71699-DE-EPT	Germany	CURE SPEED COMPOSITIONS CONTAINING AROMATIC ISOCYANATE FUNCTIONAL COMPONENTS AND ALIPHATIC AROMATIC ISOCYANATE FUNCTIONAL COMPONENTS	COMPANY	01/29/2013 13703278.5	2817346	04/26/2017 602013020276.1
71699-FR-EPT	France	HAVING IMPROVED CURE SPEED COMPOSITIONS CONTAINING AROMATIC ISOCYANATE FUNCTIONAL COMPONENTS AND ALIPHATIC AROMATIC ISOCYANATE FUNCTIONAL COMPONENTS FUNCTIONAL COMPONENTS HAVING IMPROVED	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	01/29/2013 13703278.5	2817346	04/26/2017 2817346
71699-IT-EPT	Italy	CURE SPEED	COMPANY	01/29/2013 13703278.5	2817346	04/26/2017 50201700008478

71699-US-PCT	United States Of America	COMPOSITIONS CONTAINING AROMATIC ISOCYANATE FUNCTIONAL COMPONENTS AND ALIPHATIC AROMATIC ISOCYANATE FUNCTIONAL COMPONENTS HAVING IMPROVED CURE SPEED	THE DOW CHEMICAL COMPANY	01/29/2013	14/379644	2015-0013904	11/15/2016 9493604
		ACCELERATED CURE COMPOSITION CONTAINING AN ISOCYANATE					
	United States Of	FUNCTIONAL	THE DOW CHEMICAL				
71701-US-PCT	America	PREPOLYMER	COMPANY	04/25/2012	14/007034	2014-0014268	03/29/2016 9296932
		WATER BASED PRIMER COMPOSITION FOR BONDING GLASS	THE DOW CHEMICAL				
71919-CH-EPT	Switzerland	INTO A STRUCTURE WATER BASED	COMPANY	01/18/2013	13702165.5	2809737	06/06/2018 2809737
		PRIMER COMPOSITION FOR					
71919-CN-PCT	China	BONDING GLASS INTO A STRUCTURE	THE DOW CHEMICAL COMPANY	01/18/2013	201380007208.X	104093798	12/14/2016 201380007208.X
		WATER BASED					
		PRIMER COMPOSITION FOR					
		BONDING GLASS	THE DOW CHEMICAL				
71919-DE-EPT	Germany	INTO A STRUCTURE WATER BASED	COMPANY	01/18/2013	13/02165.5	2809737	06/06/2018 2809737
		PRIMER					
	European	COMPOSITION FOR BONDING GLASS	THE DOW CHEMICAL				
71919-EP-EPT		INTO A STRUCTURE	COMPANY	01/18/2013	13702165.5	2809737	06/06/2018 2809737
		WATER BASED PRIMER					
		COMPOSITION FOR					
71919-FR-EPT	France	BONDING GLASS INTO A STRUCTURE	THE DOW CHEMICAL COMPANY	01/18/2013	13702165.5	2809737	06/06/2018 2809737
***************************************		WATER BASED					
		PRIMER COMPOSITION FOR					
		BONDING GLASS	THE DOW CHEMICAL				
71919-GB-EPT	United Kingdom	INTO A STRUCTURE WATER BASED	COMPANY	01/18/2013	13702165.5	2809737	06/06/2018 2809737
		PRIMER					
		COMPOSITION FOR BONDING GLASS	THE DOW CHEMICAL				
71919-JP-PCT	Japan	INTO A STRUCTURE	COMPANY	01/18/2013	2014-554746	2015-511252	10/13/2017 6224623
		WATER BASED PRIMER					
		COMPOSITION FOR					
71919-KR-PCT	SOUTH KOREA	BONDING GLASS INTO A STRUCTURE	THE DOW CHEMICAL COMPANY	01/18/2013	10-2014-7021322	10-2014-011906	68
		WATER BASED		, , ,			
		PRIMER COMPOSITION FOR					
	United States Of	BONDING GLASS	THE DOW CHEMICAL				
71919-US-PCT	America	INTO A STRUCTURE HIGH MODULUS	COMPANY	01/18/2013	14/3/3/85	2014-0367029	03/20/2018 9920224
		URETHANE					
		ADHESIVE COMPOSITIONS,					
		MANUFACTURE AND	THE DOW CHEMICAL				
71942-CN-PCD	China	USE THEREOF	COMPANY	07/26/2018	201810836763.8		

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71942-CN-PCT China USE THEREOF COMPANY 04/23/2013 201380026734.0 104334598	
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71942-EP-EPT Procedure (Patents) USE THEREOF COMPANY 04/23/2013 13720679.3 2852626	
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71942-IN-PCT India USE THEREOF COMPANY 04/23/2013 8312/CHENP/2014	
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MANUFACTURE AND THE DOW CHEMICAL	00/25/2017 0100207
	08/25/2017 6196297
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71942-KR-PCT SOUTH KOREA USE THEREOF COMPANY 04/23/2013 10-2014-7035697 10-2015-0013856	3
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United States Of MANUFACTURE AND THE DOW CHEMICAL	
71942-US-PCT America USE THEREOF COMPANY 04/23/2013 14/391180 2015-0080529	
FLAME RETARDANT	
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RESIN ADHESIVES	
AND PROCESS FOR	
BONDING METAL THE DOW CHEMICAL	
72437-BR-PCT Brazil MEMBERS COMPANY 03/22/2013 112014018126-8	
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AND PROCESS FOR	
BONDING METAL THE DOW CHEMICAL	
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AND PROCESS FOR	
BONDING METAL THE DOW CHEMICAL	
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STRUCTURAL EPOXY	
RESIN ADHESIVES	
AND PROCESS FOR	
BONDING METAL THE DOW CHEMICAL	
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72437-GB-EPT United Kingdom MEMBERS COMPANY 03/22/2013 13714483.8 2828321	04/27/2016 2828321
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72437-IT-EPT Italy MEMBERS COMPANY 03/22/2013 13714483.8 2828321 04/27/2016 50201600007619	
FLAME RETARDANT STRUCTURAL EPOXY	
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72437-US-PCT America MEMBERS COMPANY 03/22/2013 14/368916 2015-0025176 05/24/2016 9346983 WASH-OFF	
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72440-CN-PCT China AND USE THEREOF COMPANY 01/17/2013 201380015055.3 104205236 10/24/2017 201380015055.3 WASH-OFF	
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72440-EP-EPT Procedure (Patents) AND USE THEREOF COMPANY 01/17/2013 13702157.2 2828860 WASH-OFF	
RESISTANT EPOXY THE DOW CHEMICAL	
72440-JP-PCT Japan AND USE THEREOF COMPANY 01/17/2013 2015-501667 2015-514140 02/10/2017 6088635 WASH-OFF	
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72440-KR-PCT SOUTH KOREA AND USE THEREOF COMPANY 01/17/2013 2014-7025906 WASH-OFF	
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72440-US-PCT America ADHESIVE COMPANY 01/17/2013 14/379563 2015-0037497 05/24/2016 9346984	
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ENHANCED STRESS THE DOW CHEMICAL	
72506-BR-PCT Brazil DURABILITY COMPANY 03/22/2013 112014018129-2 CRASH-DURABLE	
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72506-DE-EPT Germany DURABILITY COMPANY 03/22/2013 13714482.0 2828308 05/04/2016 602013007279.5	
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72506-FR-EPT France DURABILITY COMPANY 03/22/2013 13714482.0 2828308 05/04/2016 2828308 CRASH-DURABLE	
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72506-IT-EPT Italy DURABILITY COMPANY 03/22/2013 13714482.0 2828308 05/04/2016 50201600007652	
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ENHANCED STRESS THE DOW CHEMICAL	
72506-JP-PCT Japan DURABILITY COMPANY 03/22/2013 2015-501924 2015-517001 07/14/2017 6173424 CRASH-DURABLE	
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ENHANCED STRESS THE DOW CHEMICAL 73EDS VP DCT SOUTH KOREA DUBARHUTY COMMANY 02/32/2012 10 2014 7035270 10 2014 0129750	
72506-KR-PCT SOUTH KOREA DURABILITY COMPANY 03/22/2013 10-2014-7026370 10-2014-0138760	

United States Of 72506-US-PCT America 72755-CH-EPT Switzerland	CRASH-DURABLE ADHESIVE WITH ENHANCED STRESS DURABILITY CURABLE COMPOSITIONS CONTAINING ISOCYANATE FUNCTIONAL COMPONENTS HAVING IMPROVED DURABILITY CURABLE COMPOSITIONS CONTAINING ISOCYANATE	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	03/22/2013 14/368910 02/21/2013 13708000.8	2015-0001281 2872584	12/12/2017 9840070 12/12/2017 9840070 09/07/2016 2872584
72755-DE-EPT Germany	FUNCTIONAL COMPONENTS HAVING IMPROVED DURABILITY	THE DOW CHEMICAL COMPANY	02/21/2013 13708000.8	2872584	09/07/2016 602013011087.5
72755-FR-EPT France	CURABLE COMPOSITIONS CONTAINING ISOCYANATE FUNCTIONAL COMPONENTS HAVING IMPROVED DURABILITY CURABLE COMPOSITIONS CONTAINING ISOCYANATE FUNCTIONAL	THE DOW CHEMICAL COMPANY	02/21/2013 13708000.8	2872584	09/07/2016 2872584
United States Of	COMPONENTS HAVING IMPROVED	THE DOW CHEMICAL			
72755-US-PCT America	DURABILITY ACCELERATED AND	COMPANY	02/21/2013 14/409799	2015-0175860	11/22/2016 9499727
	TOUGHENED TWO PART EPOXY	THE DOW CHEMICAL			
72770-BR-PCT Brazil	ADHESIVES ACCELERATED AND TOUGHENED TWO	COMPANY	08/13/2013 112014032019-	5	
72770-CN-PCT China	PART EPOXY ADHESIVES	THE DOW CHEMICAL COMPANY	08/13/2013 201380044928.	3 104603224	10/13/2017 2013800449283
	ACCELERATED AND TOUGHENED TWO				
European 72770-EP-EPT Procedure (Patents)	PART EPOXY ADHESIVES ACCELERATED AND	THE DOW CHEMICAL COMPANY	08/13/2013 13750484.1	2888331	
	TOUGHENED TWO PART EPOXY	THE DOW CHEMICAL			
72770-IN-PCT India	ACCELERATED AND	COMPANY	08/13/2013 1069/CHENP/20	115	
	TOUGHENED TWO PART EPOXY	THE DOW CHEMICAL			
72770-JP-PCT Japan	ADHESIVES ULTRAFAST DUAL CURE ADHESIVE	COMPANY	08/13/2013 2015-529837	2015-533875	03/23/2018 6309524
United States Of	USEFUL FOR	THE DOW CHEMICAL	00/40/0040 44/407005	2015 025500	00/40/0040 044004
72816-US-PCT America	BONDING TO GLASS ACCELERATED	COMPANY	03/13/2013 14/437285	2015-0267093	08/16/2016 9416301
	BONDING OF ISOCYANATE				
	FUNCTIONAL ADHESIVE TO FIBER				
European	REINFORCED	THE DOW CHEMICAL			
73414-EP-EPT Procedure (Patents)	ACCELERATED	COMPANY	02/11/2013 13705698.2	2904039	
	BONDING OF ISOCYANATE				
	FUNCTIONAL ADHESIVE TO FIBER				
United States Of 73414-US-PCD America	REINFORCED PLASTICS	THE DOW CHEMICAL COMPANY	05/31/2017 15/609447	2017-0274634	

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Maria	73414-US-PCT				02/11/2013	14/430614	2015-0225617	07/04/2017 9694565	
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MICHIGAN	73692-CN-PCT	China			03/04/2013	201380064095 7	104968698	03/13/2018 2013800	64095 7
	75052 CN 1 C1	Simila	FAST CURING		03/04/2013	20130000-053.7	104500050	03,13,2018 2013000	04033.7
PAST CURRING COMPANY			FOR BONDING TO						
THE DIVISION CITY STATE CAMPAIN COMPANY	73692-EP-EPT	Procedure (Patents)		COMPANY	03/04/2013	13709700.2	2935384		
March Marc				THE DOW CHEMICAL					
ADMENSION COMPANY CO	73692-JP-PCT	Japan		COMPANY	03/04/2013	2015-549350	2016-508169	07/21/2017 6178865	
Marie Mari			ADHESIVE USEFUL	THE DOWN CHEMICAL					
APRIL APRI	73692-KR-PCT	SOUTH KOREA	GLASS		03/04/2013	2015-7013204		05/04/2017 10-1735	226
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TWO PART MOLDED PART USEFUL AS A MIXER FOR VISCOUS THE DOW CHEMICAL CURABLE MATERIALS COMPANY	73692UISJPCT				03/04/2013	14/435311	2015-0222723	08/30/2016 9428678	
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European INSTALLING VEHICLE THE DOW CHEMICAL 74250-EP-EPT Procedure (Patents) WINDOWS COMPANY 04/21/2014 14725884.2 2992026 RAPID DRIVE AWAY TIME ADHESIVE FOR United States Of INSTALLING VEHICLE THE DOW CHEMICAL 74250-US-PCT America WINDOWS COMPANY 04/21/2014 14/781414 2016-0046848 ADHESIVE COMPOSITIONS, MANUFACTURE AND THE DOW CHEMICAL THE DOW CHEMICAL			RAPID DRIVE AWAY	7.70330.0733	H (4 H +) (4 H +) H		AND BY THE TOWN		
RAPID DRIVE AWAY TIME ADHESIVE FOR United States Of INSTALLING VEHICLE THE DOW CHEMICAL 74250-US-PCT America WINDOWS COMPANY 04/21/2014 14/781414 2016-0046848 ADHESIVE COMPOSITIONS, MANUFACTURE AND THE DOW CHEMICAL	74250 50		INSTALLING VEHICLE		04/04/00	44725004.0	200222		
United States Of INSTALLING VEHICLE THE DOW CHEMICAL 74250-US-PCT America WINDOWS COMPANY 04/21/2014 14/781414 2016-0046848 ADHESIVE COMPOSITIONS, MANUFACTURE AND THE DOW CHEMICAL	/425U-EP-EPT	Procedure (Patents)	RAPID DRIVE AWAY	COMPANY	04/21/2014	14/25884.2	2992026		
ADHESIVE COMPOSITIONS, MANUFACTURE AND THE DOW CHEMICAL		United States Of		THE DOW CHEMICAL					
Compositions, Manufacture and the dow chemical	74250-US-PCT	America		COMPANY	04/21/2014	14/781414	2016-0046848		
			COMPOSITIONS,	THE DOW CHEMICAL					
	74305-DE-EPT	Germany			04/07/2014	14724595.5	2986685	08/09/2017 6020140	12845.9

		ADHESIVE COMPOSITIONS,					
74305-EP-EPT	European Procedure (Patents)	MANUFACTURE AND USE THEREOF	THE DOW CHEMICAL COMPANY	04/07/2014	14724595.5	2986685	08/09/2017 2986685
		ADHESIVE COMPOSITIONS,					
	United States Of		THE DOW CHEMICAL				
74305-US-PCT	America	USE THEREOF	COMPANY	04/07/2014	14/781349	2017-0081571	
		STRUCTURAL PU					
		ADHESIVE FOR					
		COMPOSITE	THE DOW CHEMICAL				
74704-CN-PCT	China	BONDING	COMPANY	07/24/2014	201480040246.X	105377936	08/24/2018 201480040246.X
		STRUCTURAL PU ADHESIVE FOR					
	European	COMPOSITE	THE DOW CHEMICAL				
74704-EP-EPT	Procedure (Patents)		COMPANY	07/24/2014	14750277.7	3027669	
	(STRUCTURAL PU					
		ADHESIVE FOR					
	International	COMPOSITE	THE DOW CHEMICAL				
74704-WO-PCT	Procedure	BONDING	COMPANY	07/24/2014	PCT/US14/048000) WO/2015/0172	44
		IMPROVED					
		POLYURETHANE PREPOLYMERS					
		HAVING LITTLE OR					
		NO PLASTICIZER AND					
		THEIR USE IN					
		VEHICULAR GLASS	THE DOW CHEMICAL				
74855-CN-PCT	China	ADHESIVES	COMPANY	11/24/2014	201480064064.6	105764949	
		IMPROVED					
		POLYURETHANE					
		PREPOLYMERS					
		HAVING LITTLE OR NO PLASTICIZER AND					
		THEIR USE IN					
	European	VEHICULAR GLASS	THE DOW CHEMICAL				
74855-EP-EPT	Procedure (Patents)	ADHESIVES	COMPANY	11/24/2014	14812093.4	3080185	
		IMPROVED					
		POLYURETHANE					
		PREPOLYMERS HAVING LITTLE OR					
		NO PLASTICIZER AND					
		THEIR USE IN					
	United States Of	VEHICULAR GLASS	THE DOW CHEMICAL				
74855-US-PCT	America	ADHESIVES	COMPANY	11/24/2014	15/022941	2016-0297918	01/16/2018 9868810
		6.07(1) 6.70(B					
		ACTIVATOR COMPOSITION,					
		ADHESIVE SYSTEM					
		COMPRISING THE					
		SAME, AND METHOD					
		OF BONDING					
		SUSTRATES USING	THE DOW CHEMICAL				
74896-CN-PCT	China	THE SAME	COMPANY	09/11/2014	201480048273.1	105518045	
		ACTIVATOR					
		COMPOSITION,					
		ADHESIVE SYSTEM					
		COMPRISING THE					
		SAME, AND METHOD					
		OF BONDING					
	European	SUSTRATES USING	THE DOW CHEMICAL				
74896-EP-EPT	Procedure (Patents)	THE SAME	COMPANY	09/11/2014	14772039.5	3046945	
		ACTIVATOR					
		COMPOSITION,					
		ADHESIVE SYSTEM					
		COMPRISING THE					
		SAME, AND METHOD					
		OF BONDING					
74896-KR-PCT	SOUTH KOREA		THE DOW CHEMICAL COMPANY	anda ta-	10-2016-7008794	10-2016-00588	

	ACTIVATOR COMPOSITION,	
	ADHESIVE SYSTEM	
	COMPRISING THE SAME, AND METHOD	
	OF BONDING	
United States Of 74896-US-PCT America	SUSTRATES USING THE SAME	THE DOW CHEMICAL COMPANY 09/11/2014 14/910077 2016-0194435 08/07/2018 10040895
United States Of	EPOXY TWO-PART	THE DOW CHEMICAL
75476-US-PCT America	FORMULATIONS DELAYED CURING	COMPANY 03/24/2015 15/111976 2018-0163100
	HIGH Tg CRASH	THE DOW CHEMICAL
75477-BR-PCT Brazil	DURABLE ADHESIVE DELAYED CURING	COMPANY 06/30/2015 112017000219-1
20	HIGH Tg CRASH	THE DOW CHEMICAL
75477-CN-PCT China	DURABLE ADHESIVE DELAYED CURING	COMPANY 06/30/2015 201580035818.X 106715577
European 75477-EP-EPT Procedure (Patents	HIGH Tg CRASH	THE DOW CHEMICAL COMPANY 06/30/2015 15744754.1 3167004
75477-EP-EPT Procedure (Patent) DURABLE ADHESIVE DELAYED CURING	COMPANY 06/30/2015 15744754.1 3167004
United States Of 75477-US-PCT America	HIGH Tg CRASH DURABLE ADHESIVE	THE DOW CHEMICAL COMPANY 06/30/2015 15/314209 2017-0107408
73477-03-FC1 America	STRUCTURAL	COMPANY 05/30/2013 13/314203 2017-010/406
	ADHESIVES HAVING IMPROVED WASH-	
	OFF RESISTANCE	
75478-BR-PCT Brazil	AND METHOD FOR DISPENSING SAME	THE DOW CHEMICAL COMPANY 07/14/2015 112017000856-4
	STRUCTURAL	
	ADHESIVES HAVING	
	OFF RESISTANCE	THE DOWN CHRANCE
75478-CN-PCT China	AND METHOD FOR DISPENSING SAME	THE DOW CHEMICAL COMPANY 07/14/2015 201580038491.1 106561190
	STRUCTURAL ADHESIVES HAVING	
	IMPROVED WASH-	
European	OFF RESISTANCE AND METHOD FOR	THE DOW CHEMICAL
·) DISPENSING SAME	COMPANY 07/14/2015 15750850.8 3172289
	STRUCTURAL ADHESIVES HAVING	
	IMPROVED WASH-	
	OFF RESISTANCE AND METHOD FOR	THE DOW CHEMICAL
75478-JP-PCT Japan	DISPENSING SAME STRUCTURAL	COMPANY 07/14/2015 2017-503908 2017-529417
	ADHESIVES HAVING	
	IMPROVED WASH- OFF RESISTANCE	
	AND METHOD FOR	THE DOW CHEMICAL
75478-KR-PCT SOUTH KOREA	DISPENSING SAME STRUCTURAL	COMPANY 07/14/2015 10-2017-7003610 10-2017-0036695
	ADHESIVES HAVING	
	IMPROVED WASH- OFF RESISTANCE	
United States Of	AND METHOD FOR	THE DOW CHEMICAL
United States Of 75478-US-PCT America	AND METHOD FOR DISPENSING SAME POLYURETHANE-	THE DOW CHEMICAL COMPANY 07/14/2015 15/312800 2017-0204301
75478-US-PCT America	DISPENSING SAME POLYURETHANE- ACRYLATE EPOXY	COMPANY 07/14/2015 15/312800 2017-0204301 THE DOW CHEMICAL
75478-US-PCT America 75479-DE-EPT Germany	DISPENSING SAME POLYURETHANE- ACRYLATE EPOXY ADHESIVE POLYURETHANE-	COMPANY 07/14/2015 15/312800 2017-0204301 THE DOW CHEMICAL COMPANY
75478-US-PCT America 75479-DE-EPT Germany European	DISPENSING SAME POLYURETHANE- ACRYLATE EPOXY ADHESIVE POLYURETHANE- ACRYLATE EPOXY	COMPANY 07/14/2015 15/312800 2017-0204301 THE DOW CHEMICAL COMPANY THE DOW CHEMICAL
75478-US-PCT America 75479-DE-EPT Germany	DISPENSING SAME POLYURETHANE- ACRYLATE EPOXY ADHESIVE POLYURETHANE- ACRYLATE EPOXY) ADHESIVE POLYURETHANE-	COMPANY 07/14/2015 15/312800 2017-0204301 THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY 03/31/2015 15716661.2 3134448
75478-US-PCT America 75479-DE-EPT Germany European	DISPENSING SAME POLYURETHANE- ACRYLATE EPOXY ADHESIVE POLYURETHANE- ACRYLATE EPOXY ADHESIVE	COMPANY 07/14/2015 15/312800 2017-0204301 THE DOW CHEMICAL COMPANY THE DOW CHEMICAL
75478-US-PCT America 75479-DE-EPT Germany European 75479-EP-EPT Procedure (Patent	DISPENSING SAME POLYURETHANE- ACRYLATE EPOXY ADHESIVE POLYURETHANE- ACRYLATE EPOXY) ADHESIVE POLYURETHANE- ACRYLATE EPOXY ADHESIVE POLYURETHANE- POLYURETHANE- POLYURETHANE-	COMPANY 07/14/2015 15/312800 2017-0204301 THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY 03/31/2015 15716661.2 3134448 THE DOW CHEMICAL COMPANY
75478-US-PCT America 75479-DE-EPT Germany European 75479-EP-EPT Procedure (Patent	DISPENSING SAME POLYURETHANE- ACRYLATE EPOXY ADHESIVE POLYURETHANE- ACRYLATE EPOXY ADHESIVE POLYURETHANE- ACRYLATE EPOXY ADHESIVE	COMPANY 07/14/2015 15/312800 2017-0204301 THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY 03/31/2015 15716661.2 3134448 THE DOW CHEMICAL
75478-US-PCT America 75479-DE-EPT Germany European 75479-EP-EPT Procedure (Patent	DISPENSING SAME POLYURETHANE- ACRYLATE EPOXY ADHESIVE POLYURETHANE- ACRYLATE EPOXY) ADHESIVE POLYURETHANE- ACRYLATE EPOXY ADHESIVE POLYURETHANE- ACRYLATE EPOXY ADHESIVE POLYURETHANE- ACRYLATE EPOXY ADHESIVE POLYURETHANE-	COMPANY 07/14/2015 15/312800 2017-0204301 THE DOW CHEMICAL COMPANY 03/31/2015 15716661.2 3134448 THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY COMPANY 03/31/2015 15716661.2 3134448
75478-US-PCT America 75479-DE-EPT Germany European 75479-EP-EPT Procedure (Patent	DISPENSING SAME POLYURETHANE- ACRYLATE EPOXY ADHESIVE POLYURETHANE- ACRYLATE EPOXY) ADHESIVE POLYURETHANE- ACRYLATE EPOXY ADHESIVE POLYURETHANE- ACRYLATE EPOXY ADHESIVE POLYURETHANE- ACRYLATE EPOXY ADHESIVE	COMPANY 07/14/2015 15/312800 2017-0204301 THE DOW CHEMICAL COMPANY 03/31/2015 15716661.2 3134448 THE DOW CHEMICAL COMPANY

United States Of 75479-US-PCT America 75697-CN-PCT China	POLYURETHANE- ACRYLATE EPOXY ADHESIVE ACCELERATE CURE OF MOISTURE CURABLE POLYURETHANE ADHESIVE COMPOSITIONS USEFUL FOR BONDING GLASS ACCELERATE CURE OF MOISTURE	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	03/31/2015 15/121663 04/22/2015 201580021258.2	2017-0029673 2017-0029673 106257984	09/04/2018 10066136
	CURABLE POLYURETHANE ADHESIVE				
European 75697-EP-EPT Procedure (Patents)	COMPOSITIONS USEFUL FOR RONDING GLASS	THE DOW CHEMICAL COMPANY	04/22/2015 15719957.1	3140335	
7.3037-FL-FL1 Frozentie (Lateries)	ACCELERATE CURE	COMPAN	04/22/2013 13/1933/.1	2140333	
	OF MOISTURE				
	CURABLE				
	POLYURETHANE ADHESIVE				
	COMPOSITIONS				
	USEFUL FOR	THE DOW CHEMICAL			
75697-JP-PCT Japan	BONDING GLASS	COMPANY	04/22/2015 2016-563994	2017-521502	
	ACCELERATE CURE OF MOISTURE				
	CURABLE				
	POLYURETHANE				
	ADHESIVE				
	COMPOSITIONS USEFUL FOR	THE DOWN CHEMICAL			
75697-KR-PCT SOUTH KOREA	BONDING GLASS	THE DOW CHEMICAL COMPANY	04/22/2015 2016-7032908	10-2017-000542	6
	ACCELERATE CURE				
	OF MOISTURE				
	CURABLE				
	POLYURETHANE ADHESIVE				
	COMPOSITIONS				
United States Of	USEFUL FOR	THE DOW CHEMICAL			
75697-US-PCT America	BONDING GLASS IMPROVED METHOD	COMPANY	04/22/2015 15/116323	2017-0174959	
	AND APPARATUS				
	FOR DISPENSING				
		THE DOW CHEMICAL			
75737-CN-PCT China	SYSTEMS	COMPANY	03/26/2015 201580017127.7	106163931	
	IMPROVED METHOD AND APPARATUS				
	FOR DISPENSING				
European		THE DOW CHEMICAL			
75737-EP-EPT Procedure (Patents)		COMPANY	03/26/2015 15715935.1	3129296	07/18/2018 3129296
	IMPROVED METHOD AND APPARATUS				
	FOR DISPENSING				
		THE DOW CHEMICAL			
	SYSTEMS	COMPANY	03/26/2015 201617036402		
	IMPROVED METHOD AND APPARATUS				
	FOR DISPENSING				
		THE DOW CHEMICAL			
75737-JP-PCT Japan	SYSTEMS	COMPANY	03/26/2015 2016-559336	2017-512726	
	IMPROVED METHOD AND APPARATUS				
	FOR DISPENSING				
		THE DOW CHEMICAL			
75737-KR-PCT SOUTH KOREA	SYSTEMS	COMPANY	03/26/2015 10-2016-7030068	10-2016-014562	9
	METHOD AND APPARATUS FOR				
	DISPENSING				
United States Of		THE DOW CHEMICAL			
75737-US-PCT America	SYSTEMS	COMPANY	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	THE DOW CHEMICAL COMPANY	08/26/2015	14/835761	2016-0060382 03/20/2018 9920199
		IMPROVED ONE				
75930-CN-PCT	China	PART MOISTURE CURABLE ADHESIVES	THE DOW CHEMICAL COMPANY	06/22/2016	201680033051.1	107690464
75930-EP-EPT	European Procedure (Patents)	IMPROVED ONE PART MOISTURE CURABLE ADHESIVES ONE PART	THE DOW CHEMICAL COMPANY	06/22/2016	16733846.6	3313921
	United States Of	MOISTURE CURABLE	THE DOW CHEMICAL			
75930-US-PCT	America	ADHESIVES	COMPANY	06/22/2016	15/579343	2018-0134932
75930-WO-PCT 75968-BR-PCT	International Procedure Brazil	IMPROVED ONE PART MOISTURE CURABLE ADHESIVES EPOXY RESIN COMPOSITIONS FOR PRE-GEL OVENS	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY		PCT/US16/038634 112016023112-0	WO/2016/209873
75565 5111 61		EPOXY RESIN		03, 23, 2023	112010020112	
75968-CN-PCT	China	PRE-GEL OVENS EPOXY RESIN	THE DOW CHEMICAL COMPANY	03/19/2015	201580017920.7	106170525
75968-EP-EPT	European Procedure (Patents)		THE DOW CHEMICAL COMPANY	02/10/2015	1571/121 0	3131996
/3908-EP-EP1	Procedure (Paterits)	EPOXY RESIN	COMPANT	03/19/2015	15/14131.8	2121220
75968-JP-PCT	Japan	PRE-GEL OVENS EPOXY RESIN	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	03/19/2015	2016-560544	2017-518391
75968-KR-PCT	SOUTH KOREA United States Of	PRE-GEL OVENS EPOXY RESIN	COMPANY THE DOW CHEMICAL	03/19/2015	10-2016-7030555	10-2016-0147786
75968-US-PCT	America	PRE-GEL OVENS	COMPANY	03/19/2015	15/121090	20170022402
		DUAL CURE 1K PU ADHESIVE				
		FORMULATIONS USING MATRIX				
		ENCAPSULATED	THE DOW CHEMICAL			
76048-BR-PCT	Brazil	POLYAMINES DUAL CURE 1K PU	COMPANY	07/29/2015	112017001482-3	
		ADHESIVE				
		FORMULATIONS USING MATRIX				
76048-CH-EPT	Switzerland	ENCAPSULATED POLYAMINES	THE DOW CHEMICAL COMPANY	07/29/2015	15750702.2	3186289
7004B CITE	ottine of the second	DUAL CURE 1K PU	CONTRACTOR OF THE CONTRACTOR O	W//23/2015	137,30202.2	3.000
		ADHESIVE FORMULATIONS				
		USING MATRIX				
76048-CN-PCT	China	ENCAPSULATED POLYAMINES	THE DOW CHEMICAL COMPANY	07/29/2015	201580040911.X	106661414
		DUAL CURE 1K PU ADHESIVE				
76048-DE-EPT	Germany	FORMULATIONS USING MATRIX ENCAPSULATED POLYAMINES	THE DOW CHEMICAL COMPANY	07/29/2015	15750202.2	3186289
		DUAL CURE 1K PU ADHESIVE FORMULATIONS				
		USING MATRIX				
76048-EP-EPT	European Procedure (Patents)	ENCAPSULATED POLYAMINES	THE DOW CHEMICAL COMPANY	07/29/2015	15750202.2	3186289

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ADHESIVE	
FORMULATIONS	
USING MATRIX	
	THE COLUMN THE WAY
ENCAPSULATED	THE DOW CHEMICAL
76048-FR-EPT France POLYAMINES	COMPANY 07/29/2015 15750202 2 3186289
DUAL CURE 1K PU	
ADHESIVE	
FORMULATIONS	
USING MATRIX	
ENCAPSULATED	THE DOW CHEMICAL
76048-IT-EPT Italy POLYAMINES	COMPANY 07/29/2015 15750202.2 3186289
DUAL CURE 1K PU	
ADHESIVE	
FORMULATIONS	
USING MATRIX	
ENCAPSULATED	THE DOW CHEMICAL
76048-JP-PCT Japan POLYAMINES	COMPANY 07/29/2015 2017-504732 2017-528557
DUAL CURE 1K PU	57,57,500 201 301 32 E01 32000
ADHESIVE	
FORMULATIONS	
USING MATRIX	
ENCAPSULATED	THE DOW CHEMICAL
76048-KR-PCT SOUTH KOREA POLYAMINES	COMPANY 07/29/2015 10-2017-7004143 10-2017-0039679
DUAL CURE 1K PU	
ADHESIVE	
FORMULATIONS	
USING MATRIX	
	ALCON MICHAEL
United States Of ENCAPSULATED	THE DOW CHEMICAL
76048-US-PCT America POLYAMINES	COMPANY 07/29/2015 15/324360 2017-0204300
ONE-COMPONENT	
STRUCTURAL	
ADHESIVE	
CONTAINING	
ISOCYANATE-	
TERMINATED	THE DOW CHEMICAL
76051-BR-PCT Brazil PREPOLYMER	COMPANY 07/14/2015 112017000946-3
ONE-COMPONENT	3//14/2013 11201/0003403
CIVE-COMPONENT	
CTED 14CT LOGAL	
STRUCTURAL	
ADHESIVE	
ADHESIVE CONTAINING	
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ADHESIVE CONTAINING	THE DOW CHEMICAL
ADHESIVE CONTAINING ISOCYANATE-	THE DOW CHEMICAL COMPANY 07/14/2015 201580039174.1 106536586
ADHESIVE CONTAINING ISOCYANATE- TERMINATED	
ADHESIVE CONTAINING ISOCYANATE- TERMINATED 76051-CN-PCT China PREPOLYMER ONE-COMPONENT	
ADHESIVE CONTAINING ISOCYANATE- TERMINATED 76051-CN-PCT China PREPOLYMER ONE-COMPONENT STRUCTURAL	
ADHESIVE CONTAINING ISOCYANATE- TERMINATED 76051-CN-PCT China PREPOLYMER ONE-COMPONENT STRUCTURAL ADHESIVE	
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ADHESIVE CONTAINING ISOCYANATE- TERMINATED 76051-CN-PCT China PREPOLYMER ONE-COMPONENT STRUCTURAL ADHESIVE CONTAINING ISOCYANATE-	COMPANY 07/14/2015 201580039174.1 106536586
ADHESIVE CONTAINING ISOCYANATE- TERMINATED 76051-CN-PCT China PREPOLYMER ONE-COMPONENT STRUCTURAL ADHESIVE CONTAINING ISOCYANATE- European TERMINATED	COMPANY 07/14/2015 201580039174.1 106536586 THE DOW CHEMICAL
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ADHESIVE CONTAINING ISOCYANATE- TERMINATED 76051-CN-PCT China PREPOLYMER ONE-COMPONENT STRUCTURAL ADHESIVE CONTAINING ISOCYANATE- European TERMINATED 76051-EP-EPT Procedure (Patents) PREPOLYMER ONE-COMPONENT	COMPANY 07/14/2015 201580039174.1 106536586 THE DOW CHEMICAL
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ADHESIVE CONTAINING ISOCYANATE- TERMINATED 76051-CN-PCT China PREPOLYMER ONE-COMPONENT STRUCTURAL ADHESIVE CONTAINING ISOCYANATE- European TERMINATED 76051-EP-EPT Procedure (Patents) PREPOLYMER ONE-COMPONENT STRUCTURAL ADHESIVE	COMPANY 07/14/2015 201580039174.1 106536586 THE DOW CHEMICAL
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ADHESIVE CONTAINING ISOCYANATE- TERMINATED TERMINATED PREPOLYMER ONE-COMPONENT STRUCTURAL ADHESIVE CONTAINING ISOCYANATE- European TERMINATED TERMINATED PREPOLYMER ONE-COMPONENT STRUCTURAL ADHESIVE CONTAINING ISOCYANATE- TERMINATED STRUCTURAL ADHESIVE CONTAINING ISOCYANATE- TERMINATED	COMPANY 07/14/2015 201580039174.1 106536586 THE DOW CHEMICAL COMPANY 07/14/2015 15742483.9 3172254 THE DOW CHEMICAL
ADHESIVE CONTAINING ISOCYANATE- TERMINATED TERMINATED PREPOLYMER ONE-COMPONENT STRUCTURAL ADHESIVE CONTAINING ISOCYANATE- European TERMINATED T6051-EP-EPT Procedure (Patents) PREPOLYMER ONE-COMPONENT STRUCTURAL ADHESIVE CONTAINING ISOCYANATE- TERMINATED ADHESIVE CONTAINING ISOCYANATE- TERMINATED T6051-IP-PCT Japan PREPOLYMER	COMPANY 07/14/2015 201580039174.1 106536586 THE DOW CHEMICAL COMPANY 07/14/2015 15742483.9 3172254
ADHESIVE CONTAINING ISOCYANATE- TERMINATED 76051-CN-PCT China PREPOLYMER ONE-COMPONENT STRUCTURAL ADHESIVE CONTAINING ISOCYANATE- European TERMINATED 76051-EP-EPT Procedure (Patents) PREPOLYMER ONE-COMPONENT STRUCTURAL ADHESIVE CONTAINING ISOCYANATE- TERMINATED TOTAL ADHESIVE CONTAINING ISOCYANATE- TERMINATED TERMINATED TERMINATED TERMINATED TERMINATED TERMINATED ONE-COMPONENT	COMPANY 07/14/2015 201580039174.1 106536586 THE DOW CHEMICAL COMPANY 07/14/2015 15742483.9 3172254 THE DOW CHEMICAL
ADHESIVE CONTAINING ISOCYANATE- TERMINATED TERMINATED PREPOLYMER ONE-COMPONENT STRUCTURAL ADHESIVE CONTAINING ISOCYANATE- TERMINATED T6051-EP-EPT Procedure (Patents) PREPOLYMER ONE-COMPONENT STRUCTURAL ADHESIVE CONTAINING ISOCYANATE- TERMINATED TRUCTURAL ADHESIVE CONTAINING ISOCYANATE- TERMINATED TERMINATED TERMINATED TERMINATED TERMINATED TERMINATED TONE-COMPONENT STRUCTURAL ONE-COMPONENT STRUCTURAL TERMINATED TONE-COMPONENT STRUCTURAL	COMPANY 07/14/2015 201580039174.1 106536586 THE DOW CHEMICAL COMPANY 07/14/2015 15742483.9 3172254 THE DOW CHEMICAL
ADHESIVE CONTAINING ISOCYANATE- TERMINATED 76051-CN-PCT China PREPOLYMER ONE-COMPONENT STRUCTURAL ADHESIVE CONTAINING ISOCYANATE- European TERMINATED 76051-EP-EPT Procedure (Patents) PREPOLYMER ONE-COMPONENT STRUCTURAL ADHESIVE CONTAINING ISOCYANATE- TERMINATED PREPOLYMER ONE-COMPONENT STRUCTURAL ADHESIVE CONTAINING ISOCYANATE- TERMINATED PREPOLYMER ONE-COMPONENT STRUCTURAL ADHESIVE ONE-COMPONENT STRUCTURAL ADHESIVE	COMPANY 07/14/2015 201580039174.1 106536586 THE DOW CHEMICAL COMPANY 07/14/2015 15742483.9 3172254 THE DOW CHEMICAL
ADHESIVE CONTAINING ISOCYANATE- TERMINATED 76051-CN-PCT China PREPOLYMER ONE-COMPONENT STRUCTURAL ADHESIVE CONTAINING ISOCYANATE- European TERMINATED 76051-EP-EPT Procedure (Patents) PREPOLYMER ONE-COMPONENT STRUCTURAL ADHESIVE CONTAINING ISOCYANATE- TERMINATED PREPOLYMER ONE-COMPONENT STRUCTURAL ADHESIVE CONTAINING ISOCYANATE- TERMINATED PREPOLYMER ONE-COMPONENT STRUCTURAL ADHESIVE CONTAINING STRUCTURAL ADHESIVE CONTAINING	COMPANY 07/14/2015 201580039174.1 106536586 THE DOW CHEMICAL COMPANY 07/14/2015 15742483.9 3172254 THE DOW CHEMICAL
ADHESIVE CONTAINING ISOCYANATE- TERMINATED 76051-CN-PCT China PREPOLYMER ONE-COMPONENT STRUCTURAL ADHESIVE CONTAINING ISOCYANATE- European TERMINATED 76051-EP-EPT Procedure (Patents) PREPOLYMER ONE-COMPONENT STRUCTURAL ADHESIVE CONTAINING ISOCYANATE- TERMINATED PREPOLYMER ONE-COMPONENT STRUCTURAL ADHESIVE CONTAINING ISOCYANATE- TERMINATED PREPOLYMER ONE-COMPONENT STRUCTURAL ADHESIVE CONTAINING ISOCYANATE- STRUCTURAL ADHESIVE CONTAINING ISOCYANATE- STRUCTURAL ADHESIVE CONTAINING ISOCYANATE-	COMPANY 07/14/2015 201580039174.1 106536586 THE DOW CHEMICAL COMPANY 07/14/2015 15742483.9 3172254 THE DOW CHEMICAL COMPANY 07/14/2015 2017-503526 2017-528553
ADHESIVE CONTAINING ISOCYANATE- TERMINATED 76051-CN-PCT China PREPOLYMER ONE-COMPONENT STRUCTURAL ADHESIVE CONTAINING ISOCYANATE- European TERMINATED 76051-EP-EPT Procedure (Patents) PREPOLYMER ONE-COMPONENT STRUCTURAL ADHESIVE CONTAINING ISOCYANATE- TERMINATED PREPOLYMER ONE-COMPONENT STRUCTURAL ADHESIVE CONTAINING ISOCYANATE- TERMINATED PREPOLYMER ONE-COMPONENT STRUCTURAL ADHESIVE CONTAINING ISOCYANATE- TERMINATED CONTAINING ISOCYANATE- TERMINATED	THE DOW CHEMICAL COMPANY 07/14/2015 201580039174.1 106536586 THE DOW CHEMICAL COMPANY 07/14/2015 15742483.9 3172254 THE DOW CHEMICAL COMPANY 07/14/2015 2017-503526 2017-528553
ADHESIVE CONTAINING ISOCYANATE- TERMINATED TERMINATED PREPOLYMER ONE-COMPONENT STRUCTURAL ADHESIVE CONTAINING ISOCYANATE- EUROPEAN EUROPEAN FREPOLYMER ONE-COMPONENT STRUCTURAL ADHESIVE CONTAINING ISOCYANATE- TERMINATED PREPOLYMER ONE-COMPONENT STRUCTURAL ADHESIVE CONTAINING ISOCYANATE TERMINATED TERMINATED PREPOLYMER ONE-COMPONENT STRUCTURAL ADHESIVE CONTAINING ISOCYANATE TERMINATED PREPOLYMER ONE-COMPONENT STRUCTURAL ADHESIVE CONTAINING ISOCYANATE TERMINATED FREPOLYMER ONE-COMPONENT STRUCTURAL ADHESIVE CONTAINING ISOCYANATE- TERMINATED TERMINATED PREPOLYMER ONE-COMPONENT STRUCTURAL ADHESIVE CONTAINING ISOCYANATE- TERMINATED PREPOLYMER	COMPANY 07/14/2015 201580039174.1 106536586 THE DOW CHEMICAL COMPANY 07/14/2015 15742483.9 3172254 THE DOW CHEMICAL COMPANY 07/14/2015 2017-503526 2017-528553
ADHESIVE CONTAINING ISOCYANATE- TERMINATED 76051-CN-PCT China PREPOLYMER ONE-COMPONENT STRUCTURAL ADHESIVE CONTAINING ISOCYANATE- European TERMINATED 76051-EP-EPT Procedure (Patents) PREPOLYMER ONE-COMPONENT STRUCTURAL ADHESIVE CONTAINING ISOCYANATE- TERMINATED PREPOLYMER ONE-COMPONENT STRUCTURAL ADHESIVE CONTAINING ISOCYANATE- TERMINATED PREPOLYMER ONE-COMPONENT STRUCTURAL ADHESIVE CONTAINING ISOCYANATE- TERMINATED CONTAINING ISOCYANATE- TERMINATED	THE DOW CHEMICAL COMPANY 07/14/2015 201580039174.1 106536586 THE DOW CHEMICAL COMPANY 07/14/2015 15742483.9 3172254 THE DOW CHEMICAL COMPANY 07/14/2015 2017-503526 2017-528553
ADHESIVE CONTAINING ISOCYANATE- TERMINATED TERMINATED PREPOLYMER ONE-COMPONENT STRUCTURAL ADHESIVE CONTAINING ISOCYANATE- European TERMINATED TERMINATED PREPOLYMER ONE-COMPONENT STRUCTURAL ADHESIVE CONTAINING ISOCYANATE- TERMINATED PREPOLYMER CONTAINING ISOCYANATE- TERMINATED TERMINATED TERMINATED TERMINATED TERMINATED TERMINATED TERMINATED TERMINATED TERMINATED TOMPONENT STRUCTURAL ADHESIVE CONTAINING ISOCYANATE TERMINATED TOMPONENT STRUCTURAL ADHESIVE CONTAINING ISOCYANATE- TERMINATED TERMINATED TERMINATED TERMINATED TERMINATED TERMINATED TERMINATED	THE DOW CHEMICAL COMPANY 07/14/2015 201580039174.1 106536586 THE DOW CHEMICAL COMPANY 07/14/2015 15742483.9 3172254 THE DOW CHEMICAL COMPANY 07/14/2015 2017-503526 2017-528553
ADHESIVE CONTAINING ISOCYANATE- TERMINATED PREPOLYMER ONE-COMPONENT STRUCTURAL ADHESIVE CONTAINING ISOCYANATE- TERMINATED TERMINATED PREPOLYMER ONE-COMPONENT	THE DOW CHEMICAL COMPANY 07/14/2015 201580039174.1 106536586 THE DOW CHEMICAL COMPANY 07/14/2015 15742483.9 3172254 THE DOW CHEMICAL COMPANY 07/14/2015 2017-503526 2017-528553
ADHESIVE CONTAINING ISOCYANATE- TERMINATED TERMINATED PREPOLYMER ONE-COMPONENT STRUCTURAL ADHESIVE CONTAINING ISOCYANATE- TERMINATED TERMINATED PREPOLYMER ONE-COMPONENT STRUCTURAL ADHESIVE CONTAINING ISOCYANATE- TERMINATED PREPOLYMER ONE-COMPONENT STRUCTURAL ADHESIVE CONTAINING ISOCYANATE- TERMINATED PREPOLYMER ONE-COMPONENT STRUCTURAL ADHESIVE CONTAINING ISOCYANATE- TERMINATED PREPOLYMER ONE-COMPONENT STRUCTURAL	THE DOW CHEMICAL COMPANY 07/14/2015 201580039174.1 106536586 THE DOW CHEMICAL COMPANY 07/14/2015 15742483.9 3172254 THE DOW CHEMICAL COMPANY 07/14/2015 2017-503526 2017-528553
ADHESIVE CONTAINING ISOCYANATE- TERMINATED FREPOLYMER ONE-COMPONENT STRUCTURAL ADHESIVE CONTAINING ISOCYANATE- TERMINATED ONE-COMPONENT STRUCTURAL ADHESIVE CONTAINING ISOCYANATE- TERMINATED PREPOLYMER ONE-COMPONENT STRUCTURAL ADHESIVE CONTAINING ISOCYANATE- TERMINATED FREPOLYMER ONE-COMPONENT STRUCTURAL ADHESIVE CONTAINING ISOCYANATE- TERMINATED PREPOLYMER ONE-COMPONENT STRUCTURAL ADHESIVE CONTAINING ISOCYANATE- TERMINATED PREPOLYMER ONE-COMPONENT STRUCTURAL ADHESIVE CONTAINING STRUCTURAL ADHESIVE ONE-COMPONENT STRUCTURAL ADHESIVE STRUCTURAL ADHESIVE STRUCTURAL ADHESIVE CONTAINING	THE DOW CHEMICAL COMPANY 07/14/2015 201580039174.1 106536586 THE DOW CHEMICAL COMPANY 07/14/2015 15742483.9 3172254 THE DOW CHEMICAL COMPANY 07/14/2015 2017-503526 2017-528553
ADHESIVE CONTAINING ISOCYANATE- TERMINATED PREPOLYMER ONE-COMPONENT STRUCTURAL ADHESIVE CONTAINING	THE DOW CHEMICAL COMPANY 07/14/2015 15742483.9 THE DOW CHEMICAL COMPANY 07/14/2015 2017-503526 THE DOW CHEMICAL COMPANY 07/14/2015 10-2017-7003458 10-2017-0039186
ADHESIVE CONTAINING ISOCYANATE- TERMINATED PREPOLYMER ONE-COMPONENT STRUCTURAL ADHESIVE CONTAINING ISOCYANATE- TERMINATED PREPOLYMER ONE-COMPONENT STRUCTURAL ADHESIVE CONTAINING ISOCYANATE- TERMINATED PREPOLYMER ONE-COMPONENT STRUCTURAL ADHESIVE CONTAINING ISOCYANATE- TERMINATED TERMINATED PREPOLYMER ONE-COMPONENT STRUCTURAL ADHESIVE CONTAINING ISOCYANATE- TERMINATED PREPOLYMER ONE-COMPONENT STRUCTURAL ADHESIVE CONTAINING ISOCYANATE- TERMINATED PREPOLYMER ONE-COMPONENT STRUCTURAL ADHESIVE CONTAINING STRUCTURAL ADHESIVE STRUCTURAL ADHESIVE STRUCTURAL ADHESIVE CONTAINING	THE DOW CHEMICAL COMPANY 07/14/2015 201580039174.1 106536586 THE DOW CHEMICAL COMPANY 07/14/2015 15742483.9 3172254 THE DOW CHEMICAL COMPANY 07/14/2015 2017-503526 2017-528553

76258-CN-PCT China	CRASH DURABLE EPOXY ADHESIVE COMPOSITIONS HAVING IMPROVED LOW-TEMPERATURE IMPACT RESISTANCE AND WASH OFF RESISTANCE CRASH DURABLE EPOXY ADHESIVE COMPOSITIONS		08/13/2015 201	580069173.1	107001897	
European 76258-EP-EPT Procedure (Patents	HAVING IMPROVED LOW-TEMPERATURE IMPACT RESISTANCE AND WASH OFF) RESISTANCE		08/13/2015 157	54083.2	3240830	
	CRASH DURABLE EPOXY ADHESIVE COMPOSITIONS HAVING IMPROVED LOW-TEMPERATURE IMPACT RESISTANCE					
United States Of 76258-US-PCT America	AND WASH OFF RESISTANCE REACTIVE POLYURETHANE PLASTICIZERS AND ADHESIVES MADE	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	08/13/2015 15/		2017-0292049	
76595-BR-PCT Brazil 76595-CN-PCT China	THEREFROM REACTIVE POLYURETHANE PLASTICIZERS AND ADHESIVES MADE THEREFROM	COMPANY THE DOW CHEMICAL COMPANY	05/03/2016 112 05/03/2016 201		107849309	
European 76595-EP-EPT Procedure (Patents	REACTIVE POLYURETHANE PLASTICIZERS AND ADHESIVES MADE) THEREFROM REACTIVE	THE DOW CHEMICAL COMPANY	05/03/2016 167	21053.3		
United States Of 76595-US-PCT America	POLYURETHANE PLASTICIZERS AND ADHESIVES MADE THEREFROM REACTIVE	THE DOW CHEMICAL COMPANY	05/03/2016 15/	556012	2018-0051122	
International 76595-WO-PCT Procedure	POLYURETHANE PLASTICIZERS AND ADHESIVES MADE THEREFROM	THE DOW CHEMICAL COMPANY	05/03/2016 PCT	/US16/030494	WO/2016/179131	
76661-BR-PCT Brazil United States Of 76661-US-PCT America	AND USE THEREOF	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	02/08/2016 112 02/08/2016 15/		2017-0349795	
International 76661-WO-PCT Procedure	AND USE THEREOF ADHESIVE	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	02/08/2016 PCT	r/US16/016947	WO/2016/130455	
76662-BR-PCT Brazil 76662-CN-PCT China	GLASS SPHERES ADHESIVE	COMPANY THE DOW CHEMICAL COMPANY	11/03/2015 112 11/03/2015 201		107075328	

		ADHESIVE					
76662-EP-EPT	European Procedure (Patents)		THE DOW CHEMICAL COMPANY	11/03/2015 157940.	28.9	3218433	
76662-JP-PCT	Japan	ADHESIVE COMPOSITION WITH GLASS SPHERES	THE DOW CHEMICAL	11/03/2015 2017-52))))	2017-537180	
76662 31 1 61	sapan	ADHESIVE		11,03/2013 2017 32		2017 337100	
76662-KR-PCT	SOUTH KOREA	COMPOSITION WITH GLASS SPHERES	THE DOW CHEMICAL COMPANY	11/03/2015 10-2017	7-7013580	10-2017-0084103	
	United States Of	ADHESIVE COMPOSITION WITH	THE DOW CHEMICAL				
76662-US-PCT	America	GLASS SPHERES BLOCKED	COMPANY	11/03/2015 15/3252	237 :	2017-0240778 08	/14/2018 10047250
		POLYURETHANE TOUGHENERS FOR	THE DOW CHEMICAL				
77137-BR-PCT	Brazil	BLOCKED POLYURETHANE	COMPANY	05/31/2016 112017	024945-6		
77137-CN-PCT	China	TOUGHENERS FOR EPOXY ADHESIVES	THE DOW CHEMICAL	05/31/2016 201680	029849 9 · ·	107646043	
77137 CN T C1	Cima	BLOCKED POLYURETHANE		03/31/2010 201000	025045.5	107040043	
77137-EP-EPT	European Procedure (Patents)	TOUGHENERS FOR	THE DOW CHEMICAL COMPANY	05/31/2016 167282	01.1	3303432	
		BLOCKED POLYURETHANE					
77137-JP-PCT	Japan	TOUGHENERS FOR EPOXY ADHESIVES	THE DOW CHEMICAL COMPANY	05/31/2016 2017-56	50658	2018-522963	
		BLOCKED POLYURETHANE TOUGHENERS FOR	THE DOW CHEMICAL				
77137-KR-PCT	SOUTH KOREA	EPOXY ADHESIVES BLOCKED	COMPANY	05/31/2016 2017-70	036372	10-2018-0022673	
	United States Of	POLYURETHANE TOUGHENERS FOR	THE DOW CHEMICAL				
77137-US-PCT	America	EPOXY ADHESIVES BLOCKED	COMPANY	05/31/2016 2018-01	163104		
	International	POLYURETHANE TOUGHENERS FOR	THE DOW CHEMICAL				
77137-WO-PCT	Procedure	EPOXY ADHESIVES LATENT TWO-PART	COMPANY	05/31/2016 PCT/US	16/034988 1	WO/2016/196448	
77139-BR-PCT	Brazil	POLYURETHANE ADHESIVES LATENT TWO-PART	THE DOW CHEMICAL COMPANY	06/14/2016 1120170	025886-2		
77139-CN-PCT	China	POLYURETHANE ADHESIVES	THE DOW CHEMICAL COMPANY	06/14/2016 201680	033341.6	107709394	
	European	LATENT TWO-PART POLYURETHANE	THE DOW CHEMICAL				
77139-EP-EPT	Procedure (Patents)	LATENT TWO-PART	COMPANY	06/14/2016 167414	07.7	3310869	
77139-JP-PCT	Japan	POLYURETHANE ADHESIVES	THE DOW CHEMICAL COMPANY	06/14/2016 2017-56	53974	2018-522098	
77139-KR-PCT	SOUTH KOREA	LATENT TWO-PART POLYURETHANE ADHESIVES	THE DOW CHEMICAL	06/14/2016 10-2018	2-7000285	10-2018-0019150	
77133 KK T C1	United States Of	LATENT TWO-PART POLYURETHANE	THE DOW CHEMICAL	00/14/2010 10 2010	5 7000203	10 2010 0013130	
77139-US-PCT	America	ADHESIVES LATENT TWO-PART	COMPANY	06/14/2016 15/5797	744	2018-0179426	
77139-WO-PCT	International Procedure	POLYURETHANE ADHESIVES	THE DOW CHEMICAL COMPANY	06/14/2016 PCT/US:	16/037449	WO/2016/205254	200200000000000000000000000000000000000
		TWO-PART POLYURETHANE					
		ADHESIVES MADE USING ISOCYANATE- TERMINATED QUASI-					
		PREPOLYMERS BASED ON					
77140-BR-PCT	Brazil	POLY(BUTYLENE OXIDE)	THE DOW CHEMICAL COMPANY	06/02/2016 1120170	025330-5		

TWO-PART POLYURETH <i>I</i>	NE.
ADHESIVES N	MADE
USING ISOCY TERMINATED	
PREPOLYMEI BASED ON	KS.
POLY(BUTYLI	
77140-CN-PCT China OXIDE) TWO-PART	COMPANY 06/02/2016 201680029927.5 107660218
POLYURETH/ ADHESIVES N	
USING ISOCY TERMINATEL	
PREPOLYMEI BASED ON	
European POLY(BUTYLI	
77140-EP-EPT Procedure (Patents) OXIDE) TWO-PART	COMPANY 06/02/2016 15730145.6 3310825
POLYURETHA ADHESIVES N	
USING ISOCY	ANATE-
TERMINATEI PREPOLYMEI	
BASED ON POLY(BUTYLI	ENE THE DOW CHEMICAL
77140-JP-PCT Japan OXIDE) TWO-PART	COMPANY 06/02/2016 2017-563063 2018-524429
POLYURETHA	
ADHESIVES N USING ISOCY	ANATE-
TERMINATEI PREPOLYMEI	
BASED ON POLY(BUTYL)	ENE THE DOW CHEMICAL
77140-KR-PCT SOUTH KOREA OXIDE) TWO-PART	COMPANY 06/02/2016 10-2018-7000286 10-2018-0019644
POLYURETH <i>A</i>	
ADHESIVES N USING ISOCY	
TERMINATEI PREPOLYMEI	
BASED ON United States Of POLY(BUTYLI	
77140-US-PCT America OXIDE)	COMPANY 06/02/2016 15/735175 2018-0155590
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ADHESIVES N USING ISOCY	
TERMINATEE PREPOLYMEI	
BASED ON	
International POLY(BUTYLI 77140-WO-PCT Procedure OXIDE)	COMPANY 06/02/2016 PCT/US16/035564
METHOD FO MAKING	3
ELECTRORHE 77567-BR-PCT Brazil AL FLUIDS	OLOGIC THE DOW CHEMICAL COMPANY 06/02/2016 112017025214-7
METHOD FO MAKING	***************************************
ELECTRORHE	OLOGIC: THE DOW CHEMICAL
77567-CN-PCT China AL FLUIDS METHOD FO	COMPANY 06/02/2016 201680029644.0 107667125 R
MAKING European ELECTRORHE	OLOGIC THE DOW CHEMICAL
77567-EP-EPT Procedure (Patents) AL FLUIDS METHOD FO	COMPANY 06/02/2016 16732801.2 3310886
MAKING	
ELECTRORHE 77567-IN-PCT India AL FLUIDS	OLOGIC THE DOW CHEMICAL COMPANY 06/02/2016 201717046854 201717046854
METHOD FO MAKING	3
ELECTRORHE	OLOGIC THE DOW CHEMICAL COMPANY 06/02/2016 2017-563343 2018-521165
77567-JP-PCT Japan AL FLUIDS	COMPANY 06/02/2016 2017-563343 2018-521165

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		METHOD FOR					
		MAKING ELECTRORHEOLOGIC	THE DOM/CHEMICAL				
77567-KR-PCT	SOUTH KOREA	AL FLUIDS	COMPANY	06/02/2016 1	0-2018-7000287	10-2018-0021782	
//30/-KN-PC(JOOTH NOREA	METHOD FOR	COMPANI	00)02/2010 1	0-2010-7000207	10-2016-0021782	3333555
		MAKING					
	United States Of	ELECTRORHEOLOGIC	THE DOW/ CHEMICAL				
77567-US-PCT	America	AL FLUIDS	COMPANY	06/02/2016 1	5/570507	2018-0142182	
77307-03-1 01	America	METHOD FOR	Mark P. S. F. C. S.	00/02/2010 1	3/3/7337	2010-0142102	999999
		MAKING					
	International	ELECTRORHEOLOGIC	THE DOW CHEMICAL				
77567-WO-PCT	Procedure	AL FLUIDS	COMPANY	06/02/2016 P	CT/US16/035568		
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		DYNAMIC MIXER					
		FOR VISCOUS	THE DOW CHEMICAL				
77757-CN-PCT	China	CURABLE MATERIALS	COMPANY	03/01/2016 2	01680067889.2	108307622	
		DYNAMIC MIXER					
	European	FOR VISCOUS	THE DOW CHEMICAL				
77757-EP-EPT	Procedure (Patents)	CURABLE MATERIALS	COMPANY	03/01/2016 1	6713651.4	3383525	
		DYNAMIC MIXER					
		FOR VISCOUS	THE DOW CHEMICAL				
77757-KR-PCT	SOUTH KOREA	CURABLE MATERIALS	COMPANY	03/01/2016 1	.0-2018-7017028	10-2018-0090287	0000000
		BUNGAL VIOLENCER					
	11-12-3 64-4 66	DYNAMIC MIXER	THE BOW CHEMICAL				
222F2 tic pct	United States Of	FOR VISCOUS	THE DOW CHEMICAL	02/01/2016 4	E /37030E		
77757-US-PCT	America	CURABLE MATERIALS	COMPANT	03/01/2016 1	2/11/2225		333333
		DYNAMIC MIXER					
	International	FOR VISCOUS	THE DOW CHEMICAL				
77757-WO-PCT	Procedure	CURABLE MATERIALS		03/01/2016 P	CT/US16/020204	WO/2017/095459	
77737				03,01,2010 1	01,0310,020204		
		CRASH DURABLE					
		EPOXY ADHESIVE					
		HAVING IMPROVED					
	International	LOW-TEMPERATURE	THE DOW CHEMICAL				
77946-WO-PCT	International Procedure	LOW-TEMPERATURE IMPACT RESISTANCE		10/06/2017 P	CT/US17/055479	WO/2018/080760	
77946-WO-PCT				10/06/2017 P	CT/US17/055479	WO/2018/080760	
77946-WO-PCT		IMPACT RESISTANCE		10/06/2017 P	CT/US17/055479	WO/2018/080760	
	Procedure	IMPACT RESISTANCE BLOCKED POLYURETHANE TOUGHENERS FOR	COMPANY THE DOW CHEMICAL			WO/2018/080760	
77946-WO-PCT 77948-BR-PCT		IMPACT RESISTANCE BLOCKED POLYURETHANE TOUGHENERS FOR EPOXY ADHESIVES	COMPANY		CT/US17/055479 12018003350-2	WO/2018/080760	
	Procedure	IMPACT RESISTANCE BLOCKED POLYURETHANE TOUGHENERS FOR EPOXY ADHESIVES BLOCKED	COMPANY THE DOW CHEMICAL			WO/2018/080760	
	Procedure	IMPACT RESISTANCE BLOCKED POLYURETHANE TOUGHENERS FOR EPOXY ADHESIVES BLOCKED POLYURETHANE	COMPANY THE DOW CHEMICAL COMPANY			WO/2018/080760	
77948-BR-PCT	Procedure Brazil	IMPACT RESISTANCE BLOCKED POLYURETHANE TOUGHENERS FOR EPOXY ADHESIVES BLOCKED POLYURETHANE TOUGHENERS FOR	COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	09/06/2016 1	12018003350-2	WO/2018/080760	
	Procedure	IMPACT RESISTANCE BLOCKED POLYURETHANE TOUGHENERS FOR EPOXY ADHESIVES BLOCKED POLYURETHANE TOUGHENERS FOR EPOXY ADHESIVES	COMPANY THE DOW CHEMICAL COMPANY	09/06/2016 1		WO/2018/080760	
77948-BR-PCT	Procedure Brazil	IMPACT RESISTANCE BLOCKED POLYURETHANE TOUGHENERS FOR EPOXY ADHESIVES BLOCKED POLYURETHANE TOUGHENERS FOR EPOXY ADHESIVES BLOCKED	COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	09/06/2016 1	12018003350-2	WO/2018/080760	
77948-BR-PCT	Procedure Brazil China	IMPACT RESISTANCE BLOCKED POLYURETHANE TOUGHENERS FOR EPOXY ADHESIVES BLOCKED POLYURETHANE TOUGHENERS FOR EPOXY ADHESIVES BLOCKED POLYURETHANE	COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	09/06/2016 1	12018003350-2	WO/2018/080760	
77948-BR-PCT 77948-CN-PCT	Procedure Brazil China European	IMPACT RESISTANCE BLOCKED POLYURETHANE TOUGHENERS FOR EPOXY ADHESIVES BLOCKED POLYURETHANE TOUGHENERS FOR EPOXY ADHESIVES BLOCKED POLYURETHANE TOUGHENERS FOR	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	09/06/2016 1 09/06/2016 2	.12018003350-2 .01680048459.6		
77948-BR-PCT	Procedure Brazil China	IMPACT RESISTANCE BLOCKED POLYURETHANE TOUGHENERS FOR EPOXY ADHESIVES BLOCKED POLYURETHANE TOUGHENERS FOR EPOXY ADHESIVES BLOCKED POLYURETHANE TOUGHENERS FOR EPOXY ADHESIVES	COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	09/06/2016 1	.12018003350-2 .01680048459.6	WO/2018/080760 3347391	
77948-BR-PCT 77948-CN-PCT	Procedure Brazil China European	IMPACT RESISTANCE BLOCKED POLYURETHANE TOUGHENERS FOR EPOXY ADHESIVES BLOCKED POLYURETHANE TOUGHENERS FOR EPOXY ADHESIVES BLOCKED POLYURETHANE TOUGHENERS FOR	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	09/06/2016 1 09/06/2016 2	.12018003350-2 .01680048459.6		
77948-BR-PCT 77948-CN-PCT	Procedure Brazil China European	IMPACT RESISTANCE BLOCKED POLYURETHANE TOUGHENERS FOR EPOXY ADHESIVES BLOCKED POLYURETHANE TOUGHENERS FOR EPOXY ADHESIVES BLOCKED POLYURETHANE TOUGHENERS FOR EPOXY ADHESIVES BLOCKED BLOCKED	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	09/06/2016 1 09/06/2016 2	.12018003350-2 .01680048459.6		
77948-BR-PCT 77948-CN-PCT	Procedure Brazil China European	IMPACT RESISTANCE BLOCKED POLYURETHANE TOUGHENERS FOR EPOXY ADHESIVES BLOCKED POLYURETHANE TOUGHENERS FOR EPOXY ADHESIVES BLOCKED POLYURETHANE TOUGHENERS FOR EPOXY ADHESIVES BLOCKED POLYURETHANE FOR EPOXY ADHESIVES BLOCKED POLYURETHANE	COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	09/06/2016 1 09/06/2016 2	.12018003350-2 .01680048459.6 .6767105.6		
77948-BR-PCT 77948-CN-PCT 77948-EP-EPT	Procedure Brazil China European Procedure (Patents)	IMPACT RESISTANCE BLOCKED POLYURETHANE TOUGHENERS FOR EPOXY ADHESIVES BLOCKED POLYURETHANE TOUGHENERS FOR	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	09/06/2016 1 09/06/2016 2 09/06/2016 1	.12018003350-2 .01680048459.6 .6767105.6		
77948-BR-PCT 77948-CN-PCT 77948-EP-EPT	Procedure Brazil China European Procedure (Patents)	IMPACT RESISTANCE BLOCKED POLYURETHANE TOUGHENERS FOR EPOXY ADHESIVES	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	09/06/2016 1 09/06/2016 2 09/06/2016 1	.12018003350-2 .01680048459.6 .6767105.6		
77948-BR-PCT 77948-CN-PCT 77948-EP-EPT	Procedure Brazil China European Procedure (Patents)	IMPACT RESISTANCE BLOCKED POLYURETHANE TOUGHENERS FOR EPOXY ADHESIVES BLOCKED	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	09/06/2016 1 09/06/2016 2 09/06/2016 1	.12018003350-2 .01680048459.6 .6767105.6		
77948-BR-PCT 77948-CN-PCT 77948-EP-EPT	Procedure Brazil China European Procedure (Patents)	IMPACT RESISTANCE BLOCKED POLYURETHANE TOUGHENERS FOR EPOXY ADHESIVES	COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	09/06/2016 1 09/06/2016 2 09/06/2016 1 09/06/2016 2	.12018003350-2 .01680048459.6 .6767105.6		
77948-BR-PCT 77948-CN-PCT 77948-EP-EPT 77948-JP-PCT	Procedure Brazil China European Procedure (Patents)	IMPACT RESISTANCE BLOCKED POLYURETHANE TOUGHENERS FOR EPOXY ADHESIVES BLOCKED	COMPANY THE DOW CHEMICAL COMPANY	09/06/2016 1 09/06/2016 2 09/06/2016 1 09/06/2016 2	.12018003350-2 .01680048459.6 .6767105.6 .018-508154	3347391	
77948-BR-PCT 77948-CN-PCT 77948-EP-EPT 77948-JP-PCT	Procedure Brazil China European Procedure (Patents) Japan	IMPACT RESISTANCE BLOCKED POLYURETHANE TOUGHENERS FOR EPOXY ADHESIVES BLOCKED POLYURETHANE	COMPANY THE DOW CHEMICAL COMPANY	09/06/2016 1 09/06/2016 2 09/06/2016 1 09/06/2016 2	.12018003350-2 .01680048459.6 .6767105.6 .018-508154	3347391	
77948-BR-PCT 77948-CN-PCT 77948-EP-EPT 77948-JP-PCT 77948-KR-PCT	Procedure Brazil China European Procedure (Patents) Japan SOUTH KOREA	IMPACT RESISTANCE BLOCKED POLYURETHANE TOUGHENERS FOR EPOXY ADHESIVES BLOCKED POLYURETHANE TOUGHENERS FOR	THE DOW CHEMICAL COMPANY	09/06/2016 1 09/06/2016 2 09/06/2016 1 09/06/2016 2	12018003350-2 01680048459.6 6767105.6 018-508154 0-2018-7008091	3347391 10-2018-0052645	
77948-BR-PCT 77948-CN-PCT 77948-EP-EPT 77948-JP-PCT	Procedure Brazil China European Procedure (Patents) Japan	IMPACT RESISTANCE BLOCKED POLYURETHANE TOUGHENERS FOR EPOXY ADHESIVES	THE DOW CHEMICAL COMPANY	09/06/2016 1 09/06/2016 2 09/06/2016 1 09/06/2016 2	12018003350-2 01680048459.6 6767105.6 018-508154 0-2018-7008091	3347391	
77948-CN-PCT 77948-CN-PCT 77948-EP-EPT 77948-JP-PCT 77948-KR-PCT	Brazil China European Procedure (Patents) Japan SOUTH KOREA United States Of America	IMPACT RESISTANCE BLOCKED POLYURETHANE TOUGHENERS FOR EPOXY ADHESIVES ADHESIVES	THE DOW CHEMICAL COMPANY	09/06/2016 1 09/06/2016 1 09/06/2016 2 09/06/2016 1	.12018003350-2 .01680048459.6 .6767105.6 .018-508154 .0-2018-7008091	3347391 10-2018-0052645 US-2018-0251633-A1	
77948-BR-PCT 77948-CN-PCT 77948-EP-EPT 77948-JP-PCT 77948-KR-PCT	Procedure Brazil China European Procedure (Patents) Japan SOUTH KOREA	IMPACT RESISTANCE BLOCKED POLYURETHANE TOUGHENERS FOR EPOXY ADHESIVES	THE DOW CHEMICAL COMPANY	09/06/2016 1 09/06/2016 1 09/06/2016 2 09/06/2016 1	12018003350-2 01680048459.6 6767105.6 018-508154 0-2018-7008091	3347391 10-2018-0052645	
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ADHESIVES WITH HIGH ASPECT RATIO THE DOW CHEMICAL FILLERS COMPANY 08/31/2016 15/755080 US-2018-0258329-A1 LONG OPEN-TIME WATER BASED PRIMER COMPOSITION FOR ISOCYANATE AND SILANE FUNCTIONAL THE DOW CHEMICAL COMPANY LONG OPEN-TIME WATER BASED FILLERS COMPANY 18-02-18-0258329-A1 LONG OPEN-TIME WATER BASED LONG OPEN-TIME WATER BASED
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		LONG OPEN-TIME	
		WATER BASED PRIMER	
		COMPOSITION FOR	
		ISOCYANATE AND	
77977-KR-PCT	SOUTH KOREA	ADHESIVE	THE DOW CHEMICAL COMPANY
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		LONG OPEN-TIME	
		WATER BASED PRIMER	
		COMPOSITION FOR	
		ISOCYANATE AND	
77977-US-PCT	United States Of America	ADHESIVE	THE DOW CHEMICAL COMPANY

		LONG OPEN-TIME	
		WATER BASED PRIMER	
		COMPOSITION FOR	
		ISOCYANATE AND	
77977-WO-PCT	International Procedure	ADHESIVE	. THE DOW CHEMICAL COMPANY 04/13/2017 PCT/US17/027323 WO/2017/184416
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		FOR ADHERING	
	United States Of	GLASS TO METAL MOUNTING	THE DOW CHEMICAL
78048-US-PCT	America	BRACKETS	COMPANY 09/08/2016 15/757882
		LATENT TWO-PART	
		POLYURETHANE ADHESIVES CURED	
		WITH INFRARED	THE DOW CHEMICAL
78051-BR-PCT	Brazil	RADIATION	COMPANY 06/14/2016 112017026296-7
		POLYURETHANE	
		ADHESIVES CURED	
780F1 CN DCT	China	WITH INFRARED RADIATION	THE DOW CHEMICAL COMPANY 06/14/2016 201680034235.X 107735475
78051-CN-PCT	China	LATENT TWO-PART	COMPANY 06/14/2016 201680034235.X 107735475
		POLYURETHANE	
	European	ADHESIVES CURED WITH INFRARED	THE DOW CHEMICAL
78051-EP-EPT	Procedure (Patents)		COMPANY 06/14/2016 16734095.9 3310868
		LATENT TWO-PART	
		POLYURETHANE ADHESIVES CURED	
		WITH INFRARED	THE DOW CHEMICAL
78051-JP-PCT	Japan	RADIATION	COMPANY 06/14/2016 2017-563932 2018-522096
		LATENT TWO-PART POLYURETHANE	
		ADHESIVES CURED	
700F4 VP PCT	COLITILICOREA	WITH INFRARED	THE DOW CHEMICAL
78051-KR-PCT	SOUTH KOREA	RADIATION LATENT TWO-PART	COMPANY 06/14/2016 10-2018-7000134 10-2018-0019638
		POLYURETHANE	
	United States Of	ADHESIVES CURED WITH INFRARED	THE DOWN CHEMICAL
78051-US-PCT	America	RADIATION	THE DOW CHEMICAL COMPANY 06/14/2016 15/579745 2018-0179320
		LATENT TWO-PART	
		POLYURETHANE ADHESIVES CURED	
	International	WITH INFRARED	THE DOW CHEMICAL
78051-WO-PCT	Procedure	RADIATION	COMPANY 06/14/2016 PCT/US16/037451 WO/2016/205255
		ONE-COMPONENT TOUGHENED EPOXY	
		ADHESIVES WITH	
		IMPROVED	
		ADHESION TO OILY SURFACES AND HIGH	1
		WASH-OFF	THE DOW CHEMICAL
78052-BR-PCT	Brazil	RESISTANCE	COMPANY 09/05/2015 112018003401-0

		ONE-COMPONENT TOUGHENED EPOXY ADHESIVES WITH IMPROVED		
		ADHESION TO OILY		
		SURFACES AND HIGH		
		WASH-OFF	THE DOW CHEMICAL	
78052-CN-PCT	China	RESISTANCE ONE-COMPONENT	COMPANY	09/06/2016 201680049123.1
		TOUGHENED EPOXY ADHESIVES WITH IMPROVED ADHESION TO OILY SURFACES AND HIGH		
	European	WASH-OFF	THE DOW CHEMICAL	
78052-EP-EPT	Procedure (Patents)	RESISTANCE	COMPANY	09/06/2016 16767104.9 3347398
		ONE-COMPONENT TOUGHENED EPOXY ADHESIVES WITH IMPROVED ADHESION TO OILY SURFACES AND HIGH		
		WASH-OFF	THE DOW CHEMICAL	
78052-JP-PCT	Japan	RESISTANCE	COMPANY	09/06/2016 2018-509558
		ONE-COMPONENT TOUGHENED EPOXY ADHESIVES WITH IMPROVED ADHESION TO OILY SURFACES AND HIGH		
		WASH-OFF	THE DOW CHEMICAL	
78052-KR-PCT	SOUTH KOREA United States Of	RESISTANCE ONE-COMPONENT TOUGHENED EPOXY ADHESIVES WITH IMPROVED ADHESION TO OILY SURFACES AND HIGH WASH-OFF	THE DOW CHEMICAL	09/06/2016 10-2018-7008194 10-2018-0052648
78052-US-PCT	America	RESISTANCE	COMPANY	09/06/2016 15/757877
		ONE-COMPONENT EPOXY-MODIFIED POLYURETHANE AND/OR POLYUREA ADHESIVES HAVING HIGH ELONGATION AND EXCELLENT THERMAL STABILITY, AND ASSEMBLY PROCESSES USING	THE DOW CHEMICAL	
78061-CN-PCT	China	SAME	COMPANY	12/09/2015 2017800051880
	European	ONE-COMPONENT EPOXY-MODIFIED POLYURETHANE AND/OR POLYUREA ADHESIVES HAVING HIGH ELONGATION AND EXCELLENT THERMAL STABILITY, AND ASSEMBLY PROCESSES USING	THE DOW CHEMICAL	
78061-EP-EPT	Procedure (Patents)	SAME	COMPANY	12/09/2016 17702189.6

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 ONE-COMPONENT EPOXY-MODIFIED POLYURETHANE AND/OR POLYUREA ADHESIVES HAVING HIGH ELONGATION AND EXCELLENT THERMAL STABILITY,	THE DOW CHEMICAL COMPANY	12/09/2016 10	5/064578		
	International	AND ASSEMBLY PROCESSES USING	THE DOW CHEMICAL				
78061-WO-PCT	Procedure	SAME	COMPANY	12/09/2016 PG	CT/US17/012762	WO/2017/127253	
		COMPOSITIONS					
		CONTAINING ISOCYANATE					
		FUNCTIONAL					
		PREPOLYMERS AND					
		QUATERNARY AMMONIUM					
		MODIFIED	THE DOW CHEMICAL				
78311-BR-PCT	Brazil	NANOCLAYS COMPOSITIONS	COMPANY	02/03/2017 1	120180161977		
		CONTAINING					
		ISOCYANATE FUNCTIONAL					
		PREPOLYMERS AND					
		QUATERNARY					
		AMMONIUM MODIFIED	THE DOW CHEMICAL				
78311-CN-PCT	China	NANOCLAYS	COMPANY	02/03/2017 20	01780010873.2		
		COMPOSITIONS CONTAINING					
		ISOCYANATE					
		PREPOLYMERS AND					
		QUATERNARY					
	European	AMMONIUM MODIFIED	THE DOW CHEMICAL				
78311-EP-EPT	Procedure (Patents)	NANOCLAYS	COMPANY	02/03/2017 1	7705271.9		
		COMPOSITIONS CONTAINING					
		ISOCYANATE					
		PREPOLYMERS AND					
		QUATERNARY					
	United States Of	AMMONIUM MODIFIED	THE DOW CHEMICAL				
78311-US-PCT	America	NANOCLAYS	COMPANY	02/03/2017 PG	CT/US17/016369		
		COMPOSITIONS CONTAINING					
		ISOCYANATE					
		FUNCTIONAL PREPOLYMERS AND					
		QUATERNARY					
	Interpational	AMMONIUM MODIFIED	THE DOW CHERMICAL				
78311-WO-PCT	International Procedure	NANOCLAYS IMPROVED	THE DOW CHEMICAL COMPANY	02/03/2017 Po	CT/US17/016369	WO/2017/0142714	
		ADHESIVE					
	International	COMPOSITION FOR BONDING RUBBER	THE DOW CHEMICAL				
78668-WO-PCT	Procedure	TO METAL	COMPANY	04/03/2017 PC	CT/US17/025712	WO/2017/176625	

		ISOCYANATE-		
		BLOCKED AMIDINES		
	International	AS LATENT POLYURETHANE	THE DOW CHEMICAL	
78705-WO-PCT	Procedure	CATALYSTS	COMPANY	11/29/2017 PCT/US17/063577 WO/2018/102333
		LATENT TWO-PART		
		POLYURETHANE		
		ADHESIVES CURABLE WITH INFRARED	THE DOWN CHEMICAL	
78708-BR-PCT	Brazil	RADIATION	THE DOW CHEMICAL COMPANY	06/14/2016 112017026192-8
		POLYURETHANE		
		ADHESIVES CURABLE		
78708-CN-PCT	China	WITH INFRARED RADIATION	THE DOW CHEMICAL COMPANY	06/14/2016 201680034740.4 107787341
		LATENT TWO-PART POLYURETHANE		
		ADHESIVES CURABLE		
70700 ED EDT	European	WITH INFRARED	THE DOW CHEMICAL COMPANY	06/14/2016 16744405 1 2240022
78708-EP-EPT	Procedure (Patents)	KADIATION	COMPANY	06/14/2016 16741405.1 3310833
		LATENT TWO-PART		
		POLYURETHANE ADHESIVES CURABLE		
		WITH INFRARED	THE DOW CHEMICAL	
78708-JP-PCT	Japan	RADIATION	COMPANY	06/14/2016 2017-563254 2018-522095
		LATENT TWO-PART		
		POLYURETHANE ADHESIVES CURABLE		
		WITH INFRARED	THE DOW CHEMICAL	
78708-KR-PCT	SOUTH KOREA	RADIATION	COMPANY	06/14/2016 10-2018-7000141 10-2018-0018652
		LATENT TWO-PART		
		POLYURETHANE ADHESIVES CURABLE		
	United States Of	WITH INFRARED	THE DOW CHEMICAL	
78708-US-PCT	America	RADIATION	COMPANY	06/14/2016 15/579738 2018-0179319
		LATENT TWO-PART		
		POLYURETHANE ADHESIVES CURABLE		
	International	WITH INFRARED	THE DOW CHEMICAL	
78708-WO-PCT	Procedure	RADIATION IN-SITU PROCESS	COMPANY	06/14/2016 PCT/US16/037446 WO/2016/205251
		FOR FORMING		
		MIXTURES OF AN EPOXIDIZED		
		POLY(PHENYLENE		
79700 MO DCT	International Procedure	ETHER) AND AN EPOXY RESIN	THE DOW CHEMICAL COMPANY	06/22/2017 PCT/US17/038862 WO/2018/017280
78709-WO-PCT	. TWGCMMIC	C. OAL BESTIN	CORRECTION	06/22/2017 PCT/US17/038862 WO/2018/017280
		LATENT TWO-PART POLYURETHANE		
		ADHESIVES CURABLE		
70710 BB BCT	Bussil	WITH INFRARED	THE DOW CHEMICAL COMPANY	06/44/2046 442047036700 0
78710-BR-PCT	Brazil	RADIATION	COMEWA)	06/14/2016 112017026790-0
		LATENT TWO-PART		
		POLYURETHANE ADHESIVES CURABLE		
70740 61 677	China	WITH INFRARED	THE DOW CHEMICAL	0.0141000.00400000000000000000000000000
78710-CN-PCT	China	RADIATION	COMPANY	06/14/2016 201680034343.7 107735424
		LATENT TWO-PART		
		POLYURETHANE ADHESIVES CURABLE		
	European	WITH INFRARED	THE DOW CHEMICAL	
78710-EP-EPT	Procedure (Patents)	KADIATION	COMPANY	06/14/2016 16741406.9 3310826

	LATENT TWO-PART POLYURETHANE ADHESIVES CURABLE WITH INFRARED THE DOW CHEMICAL RADIATION COMPANY 06/14/2016 2017-563250 2018-522094
78710-KR-PCT SOUTH KOREA United States Of	LATENT TWO-PART POLYURETHANE ADHESIVES CURABLE WITH INFRARED THE DOW CHEMICAL RADIATION COMPANY 06/14/2016 10-2018-7000696 10-2018-0019651 LATENT TWO-PART POLYURETHANE ADHESIVES CURABLE WITH INFRARED THE DOW CHEMICAL RADIATION COMPANY 06/14/2016 15/579742 2018-0171059
International 78710-WO-PCT Procedure	LATENT TWO-PART POLYURETHANE ADHESIVES CURABLE WITH INFRARED THE DOW CHEMICAL RADIATION COMPANY 06/14/2016 PCT/US16/037447 WO/2016/205252 EPOXY ADHESIVE HAVING IMPROVED LOW-TEMPERATURE THE DOW CHEMICAL IMPACT RESISTANCE COMPANY 10/24/2017 PCT/US17/057951 WO/2018/081032
78713-WO-PCT Procedure International 79236-WO-PCT Procedure	ADHESIVE COMPOSITION WITH THE DOW CHEMICAL GROUND RUBBER COMPANY 08/28/2017 PCT/US17/048871 WO/2018/048655 SILANE CONTAINING HIGH MODULUS URETHANE THE DOW CHEMICAL ADHESIVES COMPANY 01/04/2017 PCT/US17/012165 WO/2017/189057
International 79367-WO-PCT Procedure	ALDIMINE CONTAINING GLASS THE DOW CHEMICAL BONDING PRIMER COMPANY 10/02/2017 PCT/US17/054690 WO/2018/075228 COMPOSITIONS CONTAINING HYDROPHOBIC MODIFIED ISOCYANATE FUNCTIONAL PREPOLYMER
79368-WO-PCT Procedure International 79383-WO-PCT Procedure International	CONTAINING THE DOW CHEMICAL ADHESIVES COMPANY 06/12/2018 PCT/US18/037754 EPOXY ADHESIVE RESISTANT TO OPEN BEAD HUMIDITY THE DOW CHEMICAL EXPOSURE COMPANY 10/04/2017 PCT/US17/055052 WO-2018-080747 GLASS BONDING ADHESIVE WITH THE DOW CHEMICAL REDUCED SLIPPAGE COMPANY 12/21/2017 PCT/US17/067788 WO/2018/132242
International 80024-WO-PCT Procedure International	ONE-COMPONENT TOUGHENED EPOXY ADHESIVES CONTAINING A MIXTURE OF LATENT CURING AGENTS COMPANY 02/19/2018 PCT/US18/015639 EPOXY-ACRYLIC HYBRID ADHESIVE COMPANY 01/29/2018 PCT/US18/015639
International 80026-WO-PCT Procedure	HIGH TEMPERATURE EPOXY ADHESIVE THE DOW CHEMICAL FORMULATIONS COMPANY 04/10/2018 PCT/US18/026784 SILYLAMMONIUM SALTS AS LATENT

		WATERBASED ONE	
80129-US-PSP	United States Of America	COAT ADHESIVE COMPOSITION	THE DOW CHEMICAL COMPANY 04/23/2018 62/661183
80129-03-P3P	America	CONFOSITION	COMPART 04/23/2016 02/001165
		LATENT TWO-PART	
		POLYURETHANE ADHESIVES CURABLE	
	International	UNDER AMBIENT	THE DOW CHEMICAL
80246-WO-PCT	Procedure	CONDITIONS	COMPANY 07/10/2018: PCT/US18/041381
		ORGANOZINC COCATALYSTS FOR	
		IMPROVED LATENCY	
	International	IN POLYURETHANE	THE DOW CHEMICAL
80371-WO-PCT	Procedure	CURING TWO-COMPONENT	COMPANY 07/13/2018 PCT/US18/042087
		ROOM	
		TEMPERATURE	
	International	CURABLE TOUGHENED EPOXY	THE DOW CHEMICAL
80485-WO-PCT	Procedure	ADHESIVES	COMPANY 08/04/2018 PCT/US2018/045292
		ONE-COMPONENT	
80487-WO-PCT	International Procedure	TOUGHENED EPOXY ADHESIVES	THE DOW CHEMICAL COMPANY 07/20/2018 PCT/US18/043022
80 - 87 - W8-1 C1	Troccadic	EPOXY RESIN	07/20/2010 1 (17/0318) 043022
	United States Of	ADHESIVE	THE DOW CHEMICAL
80489-US-PSP	America	COMPOSITIONS	COMPANY 01/08/2018: 52/514660
		THREE-COMPONENT	
	1	POLYURETHANE	
80577-WO-PCT	International Procedure	ADHESIVE COMPOSITIONS	THE DOW CHEMICAL COMPANY 06/13/2018 PCT/US18/037317
	International	ADHESIVE	THE DOW CHEMICAL
80578-WO-PCT	Procedure	FORMULATION	COMPANY 07/20/2018 PCT/US18/043029
	United States Of	ADHESIVE USEFUL FOR INSTALLING	THE DOW CHEMICAL
80588-US-PSP	America	VEHICLE WINDOWS	COMPANY 02/02/2018 62/625488
grove his bea	United States Of	ADHESIVE	THE DOW CHEMICAL COMPANY 10/18/2017 62/573816
81006-US-PSP	America	COMPOSITION TWO-COMPONENT	COMPANY 10/18/2017 62/573816
		POLYURETHANE	
81007-US-PSP	United States Of America	ADHESIVE COMPOSITIONS	THE DOW CHEMICAL COMPANY 04/02/2018 62/651286
01007-03-131	United States Of	ADHESIVE	THE DOW CHEMICAL
81008-US-PSP	America	COMPOSITION	COMPANY 03/07/2018 62/639670
		METHOD FOR BONDING USING	
		ONE-COMPONENT	
01000 HC DCD	United States Of	EPOXY ADHESIVE	THE DOW CHEMICAL
81009-US-PSP	America	MIXTURES ISOCYANATE	COMPANY 05/29/2018 62/677450
		FUNCTIONAL	
		ADHESIVE WHICH BONDS PRIMERLESS	
		TO SILANATED	
	International	ACRYLIC POLYOL	THE DOW CHEMICAL
81010-WO-PCT	Procedure	BASED COATINGS ADHESIVE USEFUL	COMPANY
	United States Of	FOR INSTALLING	THE DOW CHEMICAL
81018-US-PSP	America	VEHICLE WINDOWS	COMPANY 02/02/2018 62/625516
81624-US-PSP	United States Of America	HEAT TRANSFER FLUID	THE DOW CHEMICAL COMPANY 01/24/2018 62/621319
40.000.0000000000000000000000000000000		ONE-COMPONENT	
	United States Of	HOT MELT	THE DOM/CHEMICAL
81636-US-PSP	America	POLYURETHANE ADHESIVE	THE DOW CHEMICAL COMPANY 08/24/2018 62/722226
		POLYURETHANE	
81637-US-PSP	United States Of America	ADHESIVE COMPOSITIONS	THE DOW CHEMICAL COMPANY 02/12/2018 62/629307
ernev.coa.cok	AUDING	LATENT TWO-PART	20/11/10/10 VELVE JULY
	United States Of	POLYURETHANE	THE DOW CHEMICAL
81640-US-PSP	America United States Of	ADHESIVES ADHESIVE	COMPANY 03/19/2018 62/644775 THE DOW CHEMICAL
81641-US-PSP	America	COMPOSITION	COMPANY 03/07/2018 62/639675

81961-US-PSP	United States Of America	POLYPROPYLENE BONDING ADHESIVE AND PROCESS	THE DOW CHEMICAL COMPANY	06/20/2018	62/687492			
81962-US-PSP	United States Of America	PRIMERLESS POLYURETHANE ADHESIVE COMPOSITIONS	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	07/02/2018	62/693006			
43991-CA-PCT	Canada	MULTILAYER FOAMS	COMPANY	11/11/1998	2312950		09/25/2007	2312950
43991-CN-PCT	China	MULTILAYER FOAMS	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	11/11/1998	98811967.6	1281401	05/23/2007	98811967.6
43991-TR-PCT 43991-US-NP	Turkey United States Of America	MULTILAYER FOAMS MULTILAYER FOAMS	THE DOW CHEMICAL	11/11/1998 11/12/1998		2002-0026977	08/21/2003 08/27/2002	
		INSECTICIDE- CONTAINING FOAM SHEET AND PROCESS FOR THE PREPARATION	THE DOW CHEMICAL					
44248-JP-PCT	Japan	THEREOF FOAMS USEFUL IN	COMPANY	12/10/1999	2000-595537		02/25/2011	4689835
44306A-AU-PCT	Australia	SOUND MANAGEMENT FOAMS USEFUL IN SOUND	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	05/27/1999	42124/99	768157	03/18/2004	768157
44306A-CA-PCT	Canada	MANAGEMENT	COMPANY	05/27/1999	2340217		10/06/2009	2340217
44306A-CH-EPT	Switzerland	FOAMS USEFUL IN SOUND MANAGEMENT FOAMS USEFUL IN	THE DOW CHEMICAL COMPANY	05/27/1999	99925939.3	1115777	07/24/2002	1115777
44306A-CN-PCT	China	SOUND MANAGEMENT	THE DOW CHEMICAL COMPANY	05/27/1999	99810985.1	1318078	12/21/2005	99810985.1
44306A-DE-EPT	Germany	FOAMS USEFUL IN SOUND MANAGEMENT FOAMS USEFUL IN	THE DOW CHEMICAL COMPANY	05/27/1999		1115777	07/24/2002	
44306A-ES-EPT	Spain France	SOUND MANAGEMENT FOAMS USEFUL IN SOUND MANAGEMENT FOAMS USEFUL IN	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	05/27/1999 05/27/1999		1115777 1115777	07/24/2002	
		SOUND	THE DOW CHEMICAL					
44306A-GB-EPT	United Kingdom	MANAGEMENT FOAMS USEFUL IN SOUND	THE DOW CHEMICAL	05/27/1999 05/27/1999		1115777	07/24/2002	
44306A-IE-EPT	Ireland	MANAGEMENT FOAMS USEFUL IN SOUND	THE DOW CHEMICAL			1115777	07/24/2002	
44306A-IT-EPT	Italy	MANAGEMENT FOAMS USEFUL IN	COMPANY	05/27/1999	99925939.3	1115777	07/24/2002	1115777
44306A-US-PCT	United States Of America	SOUND MANAGEMENT EXTRUDED FOAMS HAVING A MONOVINYL AROMATIC POLYMER WITH A BROAD MOLECULAR WEIGHT	THE DOW CHEMICAL	05/27/1999			04/13/2004	
60110-CA-PCT	Canada	DISTRIBUTION EXTRUDED FOAMS	COMPANY	09/01/2000	2381559		05/11/2010	2381559
60110-CN-PCT	China	HAVING A MONOVINYL AROMATIC POLYMER WITH A BROAD MOLECULAR WEIGHT DISTRIBUTION	THE DOW CHEMICAL COMPANY	09/01/2000	00812063.3	1371402	12/12/2007	00812063.3

	EXTRUDED FOAMS	
	HAVING A	
	MONOVINYL AROMATIC POLYMEI	R
	WITH A BROAD	
	MOLECULAR WEIGHT	THE DOW CHEMICAL
60110-JP-PCT Japan	DISTRIBUTION	COMPANY 09/01/2000 2001-522316 2003-508613 08/05/2011 4794791
	EXTRUDED FOAMS	
	HAVING A MONOVINYL	
	AROMATIC POLYMEI	R
	WITH A BROAD MOLECULAR	
	WEIGHT	THE DOW CHEMICAL
60110-TR-PCT Turkey	DISTRIBUTION MACROCELLULAR	COMPANY 09/01/2000 02/00531 07/21/2006 200200531
	POLYOLEFIN FOAM	
	HAVING A HIGH SERVICE	
	TEMPERATURE FOR	
United States Of 60529A-US-NP America	ACOUSTICAL APPLICATIONS	THE DOW CHEMICAL COMPANY 02/13/2001 09/782231 07/08/2003 6590006
00323A-03-NF America		- THE DOW CHEMICAL
60585-AT-EPT Austria	PAK KIT	COMPANY
60585-BE-EPT Belgium	PAK KIT	- THE DOW CHEMICAL COMPANY
		- THE DOW CHEMICAL
60585-CH-EPT Switzerland	PAK KIT HANDLE FOR FROTH	COMPANY - THE DOW CHEMICAL
60585-DE-EPT Germany	PAK KIT	COMPANY
60585-DK-EPT Denmark	PAK KIT	- THE DOW CHEMICAL COMPANY
		- The DOW Chemical
60585-FR-EPT France	PAK KIT HANDLE FOR FROTH	COMPANY THE DOW CHEMICAL
60585-GB-EPT United Kingdom	PAK KIT	COMPANY
60585-MX-PCT Mexico	HANDLE FOR FROTH	- THE DOW CHEMICAL COMPANY 10/26/2001 PA/A/03/004261 03/09/2009 264969 03/09/2009 264969
	HANDLE FOR FROTH	- THE DOW CHEMICAL
60585-NL-EPT Netherlands	PAK KIT HANDI F FOR FROTH	COMPANY - THE DOW CHEMICAL
60585-SE-EPT Sweden	PAK KIT	COMPANY
	POLYURETHANE FOAM	THE DOW CHEMICAL
60911A-AT-EPT Austria	COMPOSITION	COMPANY 08/08/2001 01959670.9 1311573 04/14/2010 1311573
	POLYURETHANE FOAM	THE DOW CHEMICAL
60911A-CA-PCT Canada	COMPOSITION	COMPANY 08/08/2001 2419059 2419059 02/02/2010 2419059
	POLYURETHANE FOAM	THE DOW CHEMICAL
60911A-DE-EPT Germany	COMPOSITION	COMPANY 08/08/2001 01959670.9 1311573 04/14/2010 60141838.7
	POLYURETHANE FOAM	THE DOW CHEMICAL
60911A-ES-EPT Spain	COMPOSITION	COMPANY 08/08/2001 01959670.9 1311573 04/14/2010 1311573
	POLYURETHANE FOAM	THE DOW CHEMICAL
60911A-FR-EPT France	COMPOSITION	COMPANY 08/08/2001 01959670.9 1311573 04/14/2010 1311573
	POLYURETHANE FOAM	THE DOW CHEMICAL
60911A-GB-EPT United Kingdom	COMPOSITION	COMPANY: 08/08/2001 01959670.9 1311573 04/14/2010 1311573
	POLYURETHANE FOAM	THE DOWN CHEMICAL
60911A-IT-EPT Italy	COMPOSITION	THE DOW CHEMICAL COMPANY 08/08/2001 01959670.9 1311573 04/14/2010 1311573
	POLYURETHANE	TUE DOIN CUENTAI
60911A-JP-PCT Japan	FOAM COMPOSITION	THE DOW CHEMICAL COMPANY 08/08/2001 2002-518335 09/13/2013 5362939
	POLYURETHANE	THE POW CHEATER
60911A-MX-PCT Mexico	FOAM COMPOSITION	THE DOW CHEMICAL COMPANY 08/08/2001 PA/a/03/001225 11/13/2006 241950
	POLYURETHANE	
60911A-NO-PCT Norway	FOAM COMPOSITION	THE DOW CHEMICAL COMPANY 08/08/2001 20030630 08/13/2012 332274
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			POLYURETHANE FOAM	THE DOW CHEMICAL					
609	111A-PL-PCT	Poland	COMPOSITION POLYURETHANE FOAM	COMPANY THE DOW CHEMICAL	08/08/2001	359869		08/21/2012	1
609	11A-SE-EPT	Sweden	COMPOSITION POLYURETHANE	COMPANY	08/08/2001	01959670.9	1311573	04/14/2010 1311573	
609	011A-TR-EPT	Turkey	FOAM COMPOSITION POLYURETHANE	THE DOW CHEMICAL COMPANY	08/08/2001	01959670.9	1311573	04/14/2010 1311573	
609	11A-US-REI	United States Of America	FOAM COMPOSITION	THE DOW CHEMICAL COMPANY	10/20/2009	12/581976		05/29/2012 RE43432	
cor	1117 LIC CNIT	United States Of America	POLYURETHANE FOAM COMPOSITION	THE DOW CHEMICAL COMPANY	10/10/2006	11 /EACC7E	2007-0054972	10/06/2015 9150764	
903	11C-US-CNT	America	INSULATING SHEATHING WITH	COMPANY	10/10/2006	11/343073	2007-0054972	10/00/2013 3130/04	i.
621	.08-CA-NP	Canada	TOUGH THREE-PLY FACERS	THE DOW CHEMICAL COMPANY	02/05/1999	2260671		09/16/2008 2260671	8
			INSULATING SHEATHING WITH TOUGH THREE-PLY	THE DOW CHEMICAL					
621	08-CH-EPA	Switzerland	FACERS INSULATING	COMPANY	03/01/1999	99301358.0	0940249	11/05/2008 0940249	1
631	L08-DE-EPA	Germany	SHEATHING WITH TOUGH THREE-PLY FACERS	THE DOW CHEMICAL	03/01/1999	00201259.0	0940249	11/05/2008 69939849.5	
021	100-DC-LFA	Germany	INSULATING SHEATHING WITH	COMPAN	03/01/1999	99301338.0	0340243	11/03/2008 03333843.3	
621	08-DK-EPA	Denmark	TOUGH THREE-PLY FACERS	THE DOW CHEMICAL COMPANY	03/01/1999	99301358.0	0940249	11/05/2008 0940249	
			INSULATING SHEATHING WITH TOUGH THREE-PLY	THE DOW CHEMICAL					
621	.08-ES-EPA	Spain	FACERS INSULATING	COMPANY	03/01/1999	99301358.0	0940249	11/05/2008 2317685	
C34	00 FB FB4	France	SHEATHING WITH TOUGH THREE-PLY FACERS	THE DOW CHEMICAL	02/01/1000	002017F0 0	0049340	11/05/2009 00/07/0	
521	.08-FR-EPA	France	INSULATING SHEATHING WITH	COMPANY	03/01/1999	32001320'N	0940249	11/05/2008 0940249	1
621	.08-GB-EPA	United Kingdom	TOUGH THREE-PLY FACERS	THE DOW CHEMICAL COMPANY	03/01/1999	99301358.0	0940249	11/05/2008 0940249	s.
			INSULATING SHEATHING WITH TOUGH THREE-PLY	THE DOW CHEMICAL					
621	08-MX-NP	Mexico	FACERS INSULATING	COMPANY	02/25/1999	1999/001868		10/24/2005 231570	ri e
621	L08-NL-EPA	Netherlands	SHEATHING WITH TOUGH THREE-PLY FACERS	THE DOW CHEMICAL	03/01/1999	99301358 0	0940249	11/05/2008 0940249	
021	LOO NE LI A	Wedrendings	INSULATING SHEATHING WITH	commun	03/01/1999	33301330.0	0340243	11/03/2000 0340243	
621	.08-SE-EPA	Sweden	TOUGH THREE-PLY FACERS USE OF A LOW	THE DOW CHEMICAL COMPANY	03/01/1999	99301358,0	0940249	11/05/2008 0940249	
			BINDER FIBER MAT WITH A SUPPORT						
			MAT FOR FABRICATING A						
621	46A-US-NP	United States Of America	POLYMERIC FOAM COMPOSITE	THE DOW CHEMICAL	07/09/2003	10/615746	2004-0053035	03/11/2008 7341638	
			BROMINATED BUTADIENE/VINYL						
			AROMATIC COPOLYMERS, BLENDS OF SUCH						
			COPOLYMERS WITH A VINYL AROMATIC						
			POLYMER, AND POLYMERIC FOAMS	THE DOWN CHERMICAL					
642	16A-CA-PCT	Canada	FORMED FROM SUCH BLENDS	THE DOW CHEMICAL COMPANY	10/23/2006	2627253		11/19/2013 2627253	400000

64216A-CN-PCT	China	BROMINATED BUTADIENE/VINYL AROMATIC COPOLYMERS, BLENDS OF SUCH COPOLYMERS WITH A VINYL AROMATIC POLYMER, AND POLYMER, AND POLYMERIC FOAMS FORMED FROM SUCH BLENDS BROMINATED BUTADIENE/VINYL	THE DOW CHEMICAL COMPANY	10/23/2006 200680042226.1	101305022	06/20/2012 200680042226.1
64216A-DE-EPT	Germany	AROMATIC COPOLYMERS, BLENDS OF SUCH COPOLYMERS WITH A VINYL AROMATIC POLYMER, AND POLYMERIC FOAMS FORMED FROM SUCH BLENDS	THE DOW CHEMICAL COMPANY	10/23/2006 05836457.8	1957544	01/20/2010 602006011944.5
CANAGA ES EDT	Smale.	BROMINATED BUTADIENE/VINYL AROMATIC COPOLYMERS, BLENDS OF SUCH COPOLYMERS WITH A VINYL AROMATIC POLYMER, AND POLYMERIC FOAMS FORMED FROM	THE DOW CHEMICAL	10/23/2005 05925457 P	4057544	01/20/2010 1057544
64216A-ES-EPT	Spain	SUCH BLENDS BROMINATED BUTADIENE/VINYL AROMATIC COPOLYMERS, BLENDS OF SUCH COPOLYMERS WITH A VINYL AROMATIC POLYMER, AND POLYMERIC FOAMS	COMPANY	10/23/2006 06836467.8	1957544	01/20/2010 1957544
64216A-FR-EPT	France	FORMED FROM SUCH BLENDS BROMINATED BUTADIENE/VINYL AROMATIC COPOLYMERS, BLENDS OF SUCH COPOLYMERS WITH A VINYL AROMATIC POLYMER, AND POLYMERIC FOAMS	THE DOW CHEMICAL COMPANY	10/23/2006 06835467.8	1957544	01/20/2010 1957544
64216A-GB-EPT	United Kingdom	FORMED FROM SUCH BLENDS BROMINATED BUTADIENE/VINYL AROMATIC COPOLYMERS, BLENDS OF SUCH COPOLYMERS WITH A VINYL AROMATIC POLYMER, AND POLYMER, AND POLYMERIC FOAMS FORMED FROM	THE DOW CHEMICAL THE DOW CHEMICAL	10/23/2006 06836467.8	1957544	01/20/2010 1957544
64216A-GR-EPT	Greece	SUCH BLENDS	COMPANY	10/23/2006 06836467.8	1957544	01/20/2010 3071549

64216A-IN-PCT India 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 BROMINATED BUTADIENE/VINYL AROMATIC COPOLYMERS, BLENDS OF SUCH COPOLYMERS, BUTADIENE/VINYL AVINYL AROMATIC POLYMER, AND POLYMERIC FOAMS FORMED FROM SUCH BLENDS BROMINATED BUTADIENE/VINYL AROMATIC COPOLYMERS, BLENDS BROMINATED BUTADIENE/VINYL AROMATIC COPOLYMERS, BLENDS OF SUCH COPOLYMERS WITH AND SUCH C	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	10/23/2006 10/23/2006	2334/CHENP/2008 06836467.8	1957544	08/09/2016 2 01/20/2010 1	
64216A-JP-PCT Japan	FORMED FROM SUCH BLENDS	THE DOW CHEMICAL COMPANY	10/23/2006	2008-540035	2009-516019	06/28/2013 5	302001
64216A-RU-PCT Russian Federation	BROMINATED BUTADIENE/VINYL AROMATIC COPOLYMERS, BLENDS OF SUCH COPOLYMERS WITH A VINYL AROMATIC POLYMER, AND POLYMER, AND FORMED FROM	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	10/23/2006		1057544	03/20/2011 2	
64216A-TR-EPT Turkey	SUCH BLENDS BROMINATED BUT ADIENE/VINYL AROMATIC	COMPANY	10/23/2006	06836467.8	1957544	01/20/2010 T	R201001581B
United States Of 64216A-US-PCT America	AROMATIC COPOLYMERS, BLENDS OF SUCH COPOLYMERS WITH A VINYL AROMATIC POLYMER, AND POLYMER, END FORMED FROM SUCH BLENDS POLYMERIC FIBER INSULATION BATTS FOR RESIDENTIAL	THE DOW CHEMICAL COMPANY	10/23/2006	12/091346	2008-0287559	12/14/2010 7	851558
64378A-CA-PCT Canada	AND COMMERCIAL CONSTRUCTION APPLICATIONS	THE DOW CHEMICAL COMPANY	04/26/2007	2650454		04/15/2014 2	650454

64378A-DE-EPT Germany European	POLYMERIC FIBER INSULATION BATTS FOR RESIDENTIAL AND COMMERCIAL CONSTRUCTION APPLICATIONS POLYMERIC FIBER INSULATION BATTS FOR RESIDENTIAL AND COMMERCIAL CONSTRUCTION	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	04/26/2007	07825078.4	2013394	09/25/2013 602007033058.0
64378A-EP-EPT Procedure (Patents)		COMPANY	04/26/2007	07825078.4	2013394	09/25/2013 2013394
64378A-FR-EPT France	POLYMERIC FIBER INSULATION BATTS FOR RESIDENTIAL AND COMMERCIAL CONSTRUCTION APPLICATIONS POLYMERIC FIBER INSULATION BATTS FOR RESIDENTIAL AND COMMERCIAL CONSTRUCTION	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	04/26/2007		2013394	09/25/2013 2013394
64378A-GB-EPT United Kingdom	APPLICATIONS	COMPANY	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 POLYMERIC FIBER INSULATION BATTS FOR RESIDENTIAL AND COMMERCIAL	THE DOW CHEMICAL COMPANY	04/26/2007	572265		05/09/2011 572265
United States Of	CONSTRUCTION	THE DOW CHEMICAL				
64378A-US-PCT America	APPLICATIONS	COMPANY	04/26/2007	12/296331	2010-0275543	04/23/2013 8424262
64700A-CA-PCT Canada	EXPANDED STYRENIC POLYMERS CONTAINING AROMATIC PHOSPHONATE FR ADDITIVES EXPANDED STYRENIC POLYMERS CONTAINING AROMATIC PHOSPHONATE FR	THE DOW CHEMICAL COMPANY	09/03/2008	2698602		05/17/2016 2698602
64700A-CN-PCT China	ADDITIVES	COMPANY	09/03/2008	200880106731.7	101802077	03/27/2013 200880106731.7
64700A-DE-EPT Germany	EXPANDED STYRENIC POLYMERS CONTAINING AROMATIC PHOSPHONATE FR ADDITIVES EXPANDED STYRENIC POLYMERS CONTAINING AROMATIC PHOSPHONATE FR	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	09/03/2008		2190915	01/23/2013 602008021896.1
64700A-ES-EPT Spain 64700A-FR-EPT France	ADDITIVES EXPANDED STYRENIC POLYMERS CONTAINING AROMATIC PHOSPHONATE FR ADDITIVES	COMPANY THE DOW CHEMICAL COMPANY	09/03/2008 09/03/2008		2190915	01/23/2013 2190915 01/23/2013 2190915

64700A-GB-EPT United Kingdom 64700A-IN-PCT India	EXPANDED STYRENG POLYMERS CONTAINING AROMATIC PHOSPHONATE FR ADDITIVES EXPANDED STYRENG POLYMERS CONTAINING AROMATIC PHOSPHONATE FR ADDITIVES	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	09/03/2008 08799088.3 09/03/2008 1436/CHENP/2010	2190915	01/23/2013 2190915 06/05/2017 283902
	EXPANDED STYRENK POLYMERS	_			
	CONTAINING AROMATIC				
64700A-IT-EPT Italy	PHOSPHONATE FR ADDITIVES	THE DOW CHEMICAL COMPANY	09/03/2008 08799088.3	2190915	01/23/2013 2190915
,	FV04440F0 2770F41				
64700A-TR-EPT Turkey	EXPANDED STYRENIC POLYMERS CONTAINING AROMATIC PHOSPHONATE FR ADDITIVES STYRENE	THE DOW CHEMICAL COMPANY	09/03/2008 08799088.3	2190915	01/23/2013 2190915
	ACRYLONITRILE				
	COPOLYMER FOAM WITH INFRARED				
United States Of 64835A-US-NP America	ATTENUATING AGENTS	THE DOW CHEMICAL COMPANY	10/15/2007 11/974656	2008-0139682	2 04/05/2011 7919538
64835B-CA-PCT Canada	STYRENE ACRYLONITRILE COPOLYMER FOAM WITH INFRARED ATTENUATING AGENTS	THE DOW CHEMICAL COMPANY	10/15/2007 2671153		07/22/2014 2671153
	STYRENE ACRYLONITRILE				
	COPOLYMER FOAM WITH INFRARED				
64835B-CN-PCT China	ATTENUATING AGENTS	THE DOW CHEMICAL	10/15/2007 200780044503.7	101547964	05/23/2012 200780044503.7
64835B-DE-EPT Germany	STYRENE ACRYLONITRILE COPOLYMER FOAM WITH INFRARED ATTENUATING AGENTS STYRENE	THE DOW CHEMICAL COMPANY	10/15/2007 07839547.2	2099852	06/20/2012 602007023456.5
	ACRYLONITRILE				
	COPOLYMER FOAM WITH INFRARED				
64835B-ES-EPT Spain	ATTENUATING AGENTS	THE DOW CHEMICAL COMPANY	10/15/2007 07839547.2	2099852	06/20/2012 2099852
64835B-FR-EPT France	STYRENE ACRYLONITRILE COPOLYMER FOAM WITH INFRARED ATTENUATING AGENTS STYRENE	THE DOW CHEMICAL COMPANY	10/15/2007 07839547.2	2099852	06/20/2012 2099852
	ACRYLONITRILE COPOLYMER FOAM				
	WITH INFRARED ATTENUATING	THE DOW CHEMICAL			
64835B-GB-EPT United Kingdom	AGENTS	COMPANY	10/15/2007 07839547.2	2099852	06/20/2012 2099852

G4835B-GR-EPT Greece		HE DOW CHEMICAL OMPANY	10/15/2007 07839547.2	2099852	06/20/2012 3078933
64835B-IT-EPT Italy 64835B-TR-EPT Turkey	AGENTS C STYRENE ACRYLONITRILE COPOLYMER FOAM WITH INFRARED ATTENUATING T	HE DOW CHEMICAL OMPANY HE DOW CHEMICAL OMPANY	10/15/2007 07839547.2 10/15/2007 07839547.2	2099852 2099852	06/20/2012 2099852 06/20/2012 2099852
64864B-CN-PCT China European 64864B-EP-EPT Procedure (Patents)	BROMINATING BUTADIENE/VINYL AROMATIC COPOLYMERS CPROCESS FOR BROMINATING BUTADIENE/VINYL AROMATIC T	HE DOW CHEMICAL OMPANY HE DOW CHEMICAL OMPANY	08/14/2007 200780030209.0 08/14/2007 07836890.9	2054446	07/13/2011 200780030209.0
64864B-IL-PCT Israel 64864B-JP-PCT Japan	BUTADIENE/VINYL AROMATIC COPOLYMERS PROCESS FOR BROMINATING BUTADIENE/VINYL AROMATIC T	HE DOW CHEMICAL OMPANY HE DOW CHEMICAL OMPANY	08/14/2007 197019 08/14/2007 2009-524677	197019 2010-514843	02/01/2014 197019 05/09/2014 5536452
United States Of	AROMATIC T	HE DOW CHEMICAL			
64864B-US-PCT America 64874B-CN-PCT China	PROCESS FOR BROMINATING BUTADIENE/VINYL AROMATIC COPOLYMERS PROCESS FOR	OMPANY HE DOW CHEMICAL OMPANY	08/14/2007 12/375656 08/14/2007 200780030191.4	2009-0292079	02/14/2012 8114943 08/08/2012 200780030191.4
64874B-DE-EPT Germany 64874B-FR-EPT France	COPOLYMERS C PROCESS FOR BROMINATING BUTADIENE/VINYL AROMATIC T COPOLYMERS C	HE DOW CHEMICAL OMPANY HE DOW CHEMICAL OMPANY	08/15/2007 07836889.1 08/15/2007 07836889.1	2054445 2054445	06/18/2014 602007037246.1 06/18/2014 2054445
64874B-GB-EPT United Kingdom 64874B-IL-PCT Israel	COPOLYMERS PROCESS FOR BROMINATING BUTADIENE/VINYL AROMATIC COPOLYMERS PROCESS FOR BROMINATING BUTADIENE/VINYL	HE DOW CHEMICAL OMPANY HE DOW CHEMICAL OMPANY HE DOW CHEMICAL	08/15/2007 07836889.1 08/14/2007 197018	2054445 197018	06/18/2014 602007037246.1 05/04/2013 197018
64874B-JP-PCT Japan		HE DOW CHEMICAL OMPANY	08/14/2007 2009-524676		05/09/2014 5536451

PROCESS FOR BROMINATING BUTADIENE/VINYL AROMATIC THE DOW CHEMICAL 648748-NL-EPT Netherlands COPOLYMERS COMPANY 08/15/2007 07836889.1 2054445 06/18/2014 2054445 PROCESS FOR BROMINATING
United States Of AROMATIC THE DOW CHEMICAL COPOLYMERS COMPANY 08/14/2007 12/375679 06/19/2012 8202945
ADDITIVES AND POLYMER SYSTEMS 64942A-CN-PCT
POLYMER SYSTEMS COMPANY 12/05/2007 12152924.2 2514788 02/01/2017 2514788 PHOSPHORUS- SULFUR FR ADDITIVES AND POLYMER SYSTEMS THE DOW CHEMICAL COMPANY 12/05/2007 12152924.2 2514788 02/01/2017 2514788 PHOSPHORUS- SULFUR FR ADDITIVES AND POLYMER SYSTEMS THE DOW CHEMICAL COMPANY 12/05/2007 12152924.2 2514788 02/01/2017 2514788 PHOSPHORUS- SULFUR FR ADDITIVES AND ADDITIVES AND
POLYMER SYSTEMS CONTAINING SAME PHOSPHORUS- SULFUR FR ADDITIVES AND POLYMER SYSTEMS COMPANY 12/05/2007 12152924.2 2514788 02/01/2017 2514788 THE DOW CHEMICAL COMPANY 12/05/2007 12152924.2 2514788 02/01/2017 2514788 THE DOW CHEMICAL COMPANY 12/05/2007 12152924.2 2514788 02/01/2017 50201700004544 PHOSPHORUS- SULFUR FR ADDITIVES AND ADDITIVES AND ADDITIVES AND
POLYMER SYSTEMS THE DOW CHEMICAL 64942A-JP-PCT Japan CONTAINING SAME COMPANY 12/05/2007 2009-542785 2010-513662 03/15/2013 5221559 PHOSPHORUS- SULFUR FR ADDITIVES AND POLYMER SYSTEMS THE DOW CHEMICAL 64942A-NL-ETD Netherlands CONTAINING SAME COMPANY 12/05/2007 12152924.2 2514788 02/01/2017 2514788
PHOSPHORUS- SULFUR FR ADDITIVES AND United States Of POLYMER SYSTEMS THE DOW CHEMICAL COMPANY 10/18/2010 12/906203 11/15/2011 8058332 11/15/2011 805832 11/15/2011 8058582 11/15/2011 805858 11/15/2011 805858 11/15/2011 805858 11/15/2011 80588 11/15/2011
METHOD OF FORMING EXTRUDED POLYSTYRENE FOAMS AND THE United States Of PRODUCTS MADE THE DOW CHEMICAL 65356A-US-NP America THEREROM COMPANY 08/26/2008 12/198322 2009-0062410 01/10/2012 8092727 IMPROVED METHOD OF FORMING EXTRUDED POLYSTYRENE
FOAMS AND THE FOAMS AND THE PRODUCTS MADE THE DOW CHEMICAL 65356B-CA-PCT Canada THEREFROM COMPANY 08/26/2008 2697095 2697095 02/16/2016 2697095

IMPROVED METHOD	
OF FORMING	
EXTRUDED	
POLYSTYRENE FOAMS AND THE	
PRODUCTS MADE	THE DOW CHEMICAL
65356B-CN-PCT China THEREFROM IMPROVED METHOD	COMPANY 08/26/2008 200880104923.4 101795842 03/06/2013 200880104923.4
OF FORMING	
EXTRUDED POLYSTYPENIE	
POLYSTYRENE FOAMS AND THE	
European PRODUCTS MADE	THE DOW CHEMICAL
65356B-EP-EPT Procedure (Patents) THEREFROM IMPROVED METHOD	COMPANY 08/26/2008 08828401.3 2185334
OF FORMING	
EXTRUDED POLYSTYRENE	
FOAMS AND THE	
PRODUCTS MADE 653568-JP-PCT Japan THEREFROM	THE DOW CHEMICAL COMPANY 08/26/2008 2010-523090 2010-538124 06/20/2014 5563458
ALKENYL AROMATIC	00/20/2000 2010 323000 2010 333024 00/20/2014 3300430
FOAM WITH LOW SOLUBILITY	
	THE DOW CHEMICAL
65374A-CA-PCT Canada ON	COMPANY 03/13/2008 2681769 05/24/2016 2681769
ALKENYL AROMATIC FOAM WITH LOW	
SOLUBILITY	TUT DOLL OLD MON
United States Of HYDROFLUOROCARB 65374A-US-PCT America ON	THE DOW CHEMICAL COMPANY 03/13/2008 12/531518 2010-0099783 07/22/2014 8785510
CLOSED-CELL FOAM	
WITH LARGE CELL SIZE AND HIGH	THE DOW CHEMICAL
65377A-CA-PCT Canada FILLER CONTENT	COMPANY 06/12/2008 2692981 11/24/2015 2692981
CLOSED-CELL FOAM WITH LARGE CELL	
SIZE AND HIGH	THE DOW CHEMICAL
65377A-CN-PCT China FILLER CONTENT CLOSED-CELL FOAM	COMPANY 06/12/2008 200880023211.X 101688013 12/28/2011 200880023211.X
WITH LARGE CELL	
SIZE AND HIGH	THE DOW CHEMICAL COMPANY 06/12/2008 08770762.6 2173796 03/21/2012 602008014297.3
SIZE AND HIGH 65377A-DE-EPT Germany FILLER CONTENT CLOSED-CELL FOAM	***************************************
SIZE AND HIGH 65377A-DE-EPT Germany FILLER CONTENT	
SIZE AND HIGH 65377A-DE-EPT Germany FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELL SIZE AND HIGH 65377A-ES-EPT Spain FILLER CONTENT	COMPANY 06/12/2008 08770762.6 2173796 03/21/2012 602008014297.3
SIZE AND HIGH 65377A-DE-EPT Germany FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELL SIZE AND HIGH 65377A-ES-EPT Spain FILLER CONTENT CLOSED-CELL FOAM	COMPANY 06/12/2008 08770762.6 2173796 03/21/2012 602008014297.3 THE DOW CHEMICAL
SIZE AND HIGH 65377A-DE-EPT Germany FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELL SIZE AND HIGH 65377A-ES-EPT Spain FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELL SIZE AND HIGH	COMPANY 06/12/2008 08770762.6 2173796 03/21/2012 602008014297.3 THE DOW CHEMICAL COMPANY 06/12/2008 08770762.6 2173796 03/21/2012 2173796 THE DOW CHEMICAL
SIZE AND HIGH 65377A-DE-EPT Germany FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELL SIZE AND HIGH 65377A-ES-EPT Spain FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELL SIZE AND HIGH 65377A-FR-EPT France FILLER CONTENT	COMPANY 06/12/2008 08770762.6 2173796 03/21/2012 602008014297.3 THE DOW CHEMICAL COMPANY 06/12/2008 08770762.6 2173796 03/21/2012 2173796
SIZE AND HIGH 65377A-DE-EPT Germany FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELL SIZE AND HIGH FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELL SIZE AND HIGH FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELL SIZE AND HIGH FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELL	COMPANY 06/12/2008 08770762.6 2173796 03/21/2012 602008014297.3 THE DOW CHEMICAL COMPANY 06/12/2008 08770762.6 2173796 03/21/2012 2173796 THE DOW CHEMICAL COMPANY 06/12/2008 08770762.6 2173796 03/21/2012 2173796
SIZE AND HIGH 65377A-DE-EPT Germany FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELL SIZE AND HIGH 65377A-ES-EPT Spain FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELL SIZE AND HIGH 65377A-FR-EPT France FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELL SIZE AND HIGH	COMPANY 06/12/2008 08770762.6 2173796 03/21/2012 602008014297.3 THE DOW CHEMICAL COMPANY 06/12/2008 08770762.6 2173796 03/21/2012 2173796 THE DOW CHEMICAL COMPANY 06/12/2008 08770762.6 2173796 03/21/2012 2173796 THE DOW CHEMICAL COMPANY 06/12/2008 08770762.6 2173796 03/21/2012 2173796
65377A-DE-EPT Germany FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELL SIZE AND HIGH 65377A-ES-EPT Spain FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELL SIZE AND HIGH FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELL SIZE AND HIGH FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELL SIZE AND HIGH 65377A-GB-EPT United Kingdom FILLER CONTENT CLOSED-CELL FOAM	COMPANY 06/12/2008 08770762.6 2173796 03/21/2012 602008014297.3 THE DOW CHEMICAL COMPANY 06/12/2008 08770762.6 2173796 03/21/2012 2173796 THE DOW CHEMICAL COMPANY 06/12/2008 08770762.6 2173796 03/21/2012 2173796 THE DOW CHEMICAL COMPANY 06/12/2008 08770762.6 2173796 03/21/2012 2173796
SIZE AND HIGH 65377A-DE-EPT Germany FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELL SIZE AND HIGH 65377A-ES-EPT Spain FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELL SIZE AND HIGH FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELL SIZE AND HIGH FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELL SIZE AND HIGH FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELL SIZE AND HIGH FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELL	COMPANY 06/12/2008 08770762.6 2173796 03/21/2012 602008014297.3 THE DOW CHEMICAL COMPANY 06/12/2008 08770762.6 2173796 03/21/2012 2173796 THE DOW CHEMICAL COMPANY 06/12/2008 08770762.6 2173796 03/21/2012 2173796 THE DOW CHEMICAL COMPANY 06/12/2008 08770762.6 2173796 03/21/2012 2173796
SIZE AND HIGH 65377A-DE-EPT Germany FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELL SIZE AND HIGH FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELL SIZE AND HIGH FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELL SIZE AND HIGH FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELL SIZE AND HIGH FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELL SIZE AND HIGH FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELL SIZE AND HIGH FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELL SIZE AND HIGH FILLER CONTENT	COMPANY 06/12/2008 08770762.6 2173796 03/21/2012 602008014297.3 THE DOW CHEMICAL COMPANY 06/12/2008 08770762.6 2173796 03/21/2012 2173796 THE DOW CHEMICAL COMPANY 06/12/2008 08770762.6 2173796 03/21/2012 2173796 THE DOW CHEMICAL COMPANY 06/12/2008 08770762.6 2173796 03/21/2012 2173796
SIZE AND HIGH 65377A-DE-EPT Germany FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELL SIZE AND HIGH FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELL SIZE AND HIGH FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELL SIZE AND HIGH FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELL SIZE AND HIGH FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELL SIZE AND HIGH FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELL SIZE AND HIGH FILLER CONTENT CLOSED-CELL FOAM FILLER CONTENT CLOSED-CELL FOAM	COMPANY 06/12/2008 08770762.6 2173796 03/21/2012 602008014297.3 THE DOW CHEMICAL COMPANY 06/12/2008 08770762.6 2173796 03/21/2012 2173796 THE DOW CHEMICAL COMPANY 06/12/2008 08770762.6 2173796 03/21/2012 2173796 THE DOW CHEMICAL COMPANY 06/12/2008 08770762.6 2173796 03/21/2012 2173796 THE DOW CHEMICAL COMPANY 06/12/2008 08770762.6 2173796 03/21/2012 2173796
SIZE AND HIGH 65377A-DE-EPT Germany FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELL SIZE AND HIGH FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELL SIZE AND HIGH FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELL SIZE AND HIGH FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELL SIZE AND HIGH FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELL SIZE AND HIGH FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELL SIZE AND HIGH FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELL SIZE AND HIGH FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELL SIZE AND HIGH	COMPANY 06/12/2008 08770762.6 2173796 03/21/2012 602008014297.3 THE DOW CHEMICAL COMPANY 06/12/2008 08770762.6 2173796 03/21/2012 2173796 THE DOW CHEMICAL COMPANY 06/12/2008 08770762.6 2173796 03/21/2012 2173796 THE DOW CHEMICAL COMPANY 06/12/2008 08770762.6 2173796 03/21/2012 2173796 THE DOW CHEMICAL COMPANY 06/12/2008 08770762.6 2173796 03/21/2012 2173796 THE DOW CHEMICAL COMPANY 06/12/2008 08770762.6 2173796 03/21/2012 2173796
SIZE AND HIGH	COMPANY 06/12/2008 08770762.6 2173796 03/21/2012 602008014297.3 THE DOW CHEMICAL COMPANY 06/12/2008 08770762.6 2173796 03/21/2012 2173796 THE DOW CHEMICAL COMPANY 06/12/2008 08770762.6 2173796 03/21/2012 2173796 THE DOW CHEMICAL COMPANY 06/12/2008 08770762.6 2173796 03/21/2012 2173796 THE DOW CHEMICAL COMPANY 06/12/2008 08770762.6 2173796 03/21/2012 2173796
65377A-DE-EPT Germany FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELL SIZE AND HIGH FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELL SIZE AND HIGH FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELL SIZE AND HIGH FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELL SIZE AND HIGH FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELL SIZE AND HIGH FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELL SIZE AND HIGH FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELL SIZE AND HIGH FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELL SIZE AND HIGH FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELL SIZE AND HIGH FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELL SIZE AND HIGH FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELL	COMPANY 06/12/2008 08770762.6 2173796 03/21/2012 602008014297.3 THE DOW CHEMICAL COMPANY 06/12/2008 08770762.6 2173796 03/21/2012 2173796 THE DOW CHEMICAL COMPANY 06/12/2008 08770762.6 2173796 03/21/2012 2173796 THE DOW CHEMICAL COMPANY 06/12/2008 08770762.6 2173796 03/21/2012 2173796 THE DOW CHEMICAL COMPANY 06/12/2008 08770762.6 2173796 03/21/2012 2173796 THE DOW CHEMICAL COMPANY 06/12/2008 08770762.6 2173796 03/21/2012 2173796 THE DOW CHEMICAL COMPANY 06/12/2008 2010-514947 2010-532412 02/28/2014 5485882
65377A-DE-EPT Germany FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELI SIZE AND HIGH FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELI SIZE AND HIGH FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELI SIZE AND HIGH FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELI SIZE AND HIGH FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELI SIZE AND HIGH FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELI SIZE AND HIGH FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELI SIZE AND HIGH FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELI SIZE AND HIGH FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELI SIZE AND HIGH FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELI SIZE AND HIGH FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELI SIZE AND HIGH FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELL SIZE AND HIGH	COMPANY 06/12/2008 08770762.6 2173796 03/21/2012 602008014297.3 THE DOW CHEMICAL COMPANY 06/12/2008 08770762.6 2173796 03/21/2012 2173796 THE DOW CHEMICAL COMPANY 06/12/2008 08770762.6 2173796 03/21/2012 2173796 THE DOW CHEMICAL COMPANY 06/12/2008 08770762.6 2173796 03/21/2012 2173796 THE DOW CHEMICAL COMPANY 06/12/2008 08770762.6 2173796 03/21/2012 2173796 THE DOW CHEMICAL COMPANY 06/12/2008 08770762.6 2173796 03/21/2012 2173796 THE DOW CHEMICAL COMPANY 06/12/2008 2010-514947 2010-532412 02/28/2014 5485882
65377A-DE-EPT Germany FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELL SIZE AND HIGH FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELL SIZE AND HIGH FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELL SIZE AND HIGH FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELL SIZE AND HIGH FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELL SIZE AND HIGH FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELL SIZE AND HIGH FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELL SIZE AND HIGH FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELL SIZE AND HIGH FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELL SIZE AND HIGH FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELL SIZE AND HIGH FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELL SIZE AND HIGH FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELL SIZE AND HIGH FILLER CONTENT CLOSED-CELL FOAM WITH LARGE CELL SIZE AND HIGH FILLER CONTENT FIL	COMPANY 06/12/2008 08770762.6 2173796 03/21/2012 602008014297.3 THE DOW CHEMICAL COMPANY 06/12/2008 08770762.6 2173796 03/21/2012 2173796 THE DOW CHEMICAL COMPANY 06/12/2008 08770762.6 2173796 03/21/2012 2173796 THE DOW CHEMICAL COMPANY 06/12/2008 08770762.6 2173796 03/21/2012 2173796 THE DOW CHEMICAL COMPANY 06/12/2008 08770762.6 2173796 03/21/2012 2173796 THE DOW CHEMICAL COMPANY 06/12/2008 08770762.6 2173796 03/21/2012 2173796 THE DOW CHEMICAL COMPANY 06/12/2008 2010-514947 2010-532412 02/28/2014 5485882
SIZE AND HIGH	COMPANY 06/12/2008 08770762.6 2173796 03/21/2012 602008014297.3 THE DOW CHEMICAL COMPANY 06/12/2008 08770762.6 2173796 03/21/2012 2173796 THE DOW CHEMICAL COMPANY 06/12/2008 08770762.6 2173796 03/21/2012 2173796 THE DOW CHEMICAL COMPANY 06/12/2008 08770762.6 2173796 03/21/2012 2173796 THE DOW CHEMICAL COMPANY 06/12/2008 08770762.6 2173796 03/21/2012 2173796 THE DOW CHEMICAL COMPANY 06/12/2008 08770762.6 2173796 03/21/2012 2173796 THE DOW CHEMICAL COMPANY 06/12/2008 2010-514947 2010-532412 02/28/2014 5485882
SIZE AND HIGH	COMPANY 06/12/2008 08770762.6 2173796 03/21/2012 602008014297.3 THE DOW CHEMICAL COMPANY 06/12/2008 08770762.6 2173796 03/21/2012 2173796 THE DOW CHEMICAL COMPANY 06/12/2008 08770762.6 2173796 03/21/2012 2173796 THE DOW CHEMICAL COMPANY 06/12/2008 08770762.6 2173796 03/21/2012 2173796 THE DOW CHEMICAL COMPANY 06/12/2008 08770762.6 2173796 03/21/2012 2173796 THE DOW CHEMICAL COMPANY 06/12/2008 2010-514947 2010-532412 02/28/2014 5485882 THE DOW CHEMICAL COMPANY 06/12/2008 08770762.6 2173796 03/21/2012 2173796
SIZE AND HIGH	COMPANY 06/12/2008 08770762.6 2173796 03/21/2012 602008014297.3 THE DOW CHEMICAL COMPANY 06/12/2008 08770762.6 2173796 03/21/2012 2173796 THE DOW CHEMICAL COMPANY 06/12/2008 08770762.6 2173796 03/21/2012 2173796 THE DOW CHEMICAL COMPANY 06/12/2008 08770762.6 2173796 03/21/2012 2173796 THE DOW CHEMICAL COMPANY 06/12/2008 08770762.6 2173796 03/21/2012 2173796 THE DOW CHEMICAL COMPANY 06/12/2008 08770762.6 2173796 03/21/2012 2173796 THE DOW CHEMICAL COMPANY 06/12/2008 2010-514947 2010-532412 02/28/2014 5485882

	ALKENYL AROMATIC				
	POLYMER FOAM				
	COMPRISING FLUORINATED				
	ALKENE BLOWING	THE DOW CHEMICAL			
65566A-CN-PCT China	AGENTS	COMPANY	03/10/2008 200880009676.X	101646724	06/20/2012 200880009676.X
	ALKENYL AROMATIC POLYMER FOAM				
	COMPRISING				
	FLUORINATED	THE BOLL CHEMICAL			
65566A-DE-EPT Germany	ALKENE BLOWING AGENTS	THE DOW CHEMICAL COMPANY	03/10/2008 08731812.7	2132257	10/25/2017 602008052642.9
,	ALKENYL AROMATIC		03/10/2005 00/31512.	eraceo.	10/23/2017 00/20005247615
	POLYMER FOAM				
	COMPRISING FLUORINATED				
European	ALKENE BLOWING	THE DOW CHEMICAL			
65566A-EP-EPT Procedure (Patent		COMPANY	03/10/2008 08731812.7	2132257	10/25/2017 2132257
	ALKENYL AROMATIC POLYMER FOAM				
	COMPRISING				
	FLUORINATED				
European 65566A-EP-ETD Procedure (Patent	ALKENE BLOWING	THE DOW CHEMICAL COMPANY	08/22/2016 16186006.9	3135719	
ossooner e.e. kroseoore i alem	ALKENYL AROMATIC		05/22/2015 1015566.5	3133,13	
	POLYMER FOAM				
	COMPRISING FLUORINATED				
	ALKENE BLOWING	THE DOW CHEMICAL			
65566A-ES-EPT Spain	AGENTS	COMPANY	03/10/2008 08731812.7	2132257	10/25/2017 2132257
	ALKENYL AROMATIC POLYMER FOAM				
	COMPRISING				
	FLUORINATED				
65566A-FR-EPT France	ALKENE BLOWING AGENTS	THE DOW CHEMICAL COMPANY	03/10/2008 08731812.7	2132257	10/25/2017 2132257
	ALKENYL AROMATIC		03/10/2005 00/31512./	£+3¢¢Jf	19/23/2011 2132231
	POLYMER FOAM				
	COMPRISING FLUORINATED				
	ALKENE BLOWING	THE DOW CHEMICAL			
65566A-GB-EPT United Kingdom	AGENTS	COMPANY	03/10/2008 08731812.7	2132257	10/25/2017 2132257
	ALKENYL AROMATIC POLYMER FOAM				
	COMPRISING				
	FLUORINATED				
65566A-GR-EPT Greece	ALKENE BLOWING AGENTS	THE DOW CHEMICAL COMPANY	03/10/2008 08731812.7	2132257	10/25/2017 2132257
555000.50051	ALKENYL AROMATIC		03/10/2005 00/31512./	2132231	19/23/2017 2132231
	POLYMER FOAM				
	COMPRISING FLUORINATED				
	ALKENE BLOWING	THE DOW CHEMICAL			
65566A-IT-EPT Italy	AGENTS	COMPANY	03/10/2008 08731812.7	2132257	10/25/2017 50201800000249
	ALKENYL AROMATIC POLYMER FOAM				
	COMPRISING				
	FLUORINATED	THE BOW CHENNESS			
65566A-JP-PCT Japan	ALKENE BLOWING AGENTS	THE DOW CHEMICAL COMPANY	03/10/2008 2010-501049	2010-522808	08/08/2014 5592249
***************************************	ALKENYL AROMATIC				
	POLYMER FOAM				
	COMPRISING FLUORINATED				
	ALKENE BLOWING	THE DOW CHEMICAL			
65566A-NL-EPT Netherlands	AGENTS	COMPANY	03/10/2008 08731812.7	2132257	10/25/2017 2132257
	ALKENYL AROMATIC POLYMER FOAM				
	COMPRISING				
	FLUORINATED	THE DOWN CHEMICAL			
65566A-TR-EPT Turkey	ALKENE BLOWING AGENTS	THE DOW CHEMICAL COMPANY	03/10/2008 08731812.7	2132257	10/25/2017 2132257

		QUALITY POLYMER FOAM FLUORINATED	,			
	United States Of	ALKENE BLOWING	THE DOW CHEMICAL			
65566A-US-PCT	America	AGENTS	COMPANY	03/10/2008 12/527131	2010-0087555 0	6/12/2012 8198340
		PROCESS FOR RECOVERING				
		BROMINATED				
		BUTADIENE				
CEOGRA CN DCT	China	POLYMERS FROM	THE DOW CHEMICAL COMPANY	00/40/2009 200999022444	, 1017E/IDD3 M	r/33/3843 3888800033444 3
65982A-CN-PCT	China	SOLUTION PROCESS FOR	COMPANY	06/19/2008 200880023111.7	7 101754983 0	5/23/2012 200880023111.7
		RECOVERING				
		BROMINATED				
		BUTADIENE POLYMERS FROM	THE DOW CHEMICAL			
65982A-DE-EPT	Germany	SOLUTION	COMPANY	06/19/2008 08771516.5	2170962 0	5/16/2012 602008015692.3
		PROCESS FOR				
		RECOVERING BROMINATED				
		BUTADIENE				
		POLYMERS FROM	THE DOW CHEMICAL			
65982A-FR-EPT	France	SOLUTION PROCESS FOR	COMPANY	06/19/2008 08771516.5	2170962 0	5/16/2012 2170962
		RECOVERING				
		BROMINATED				
		BUTADIENE BOLVMAERS FROM	THE BOWLEHEARCH			
65982A-GB-EPT	United Kingdom	POLYMERS FROM SOLUTION	THE DOW CHEMICAL COMPANY	06/19/2008 08771516.5	2170962 0	5/16/2012 2170962
		PROCESS FOR				
		RECOVERING BROMINATED				
		BUTADIENE				
		POLYMERS FROM	THE DOW CHEMICAL			
65982A-IL-PCT	Israel	SOLUTION PROCESS FOR	COMPANY	06/19/2008 202987	202987 1	1/01/2014 202987
		RECOVERING				
		BROMINATED				
		BUTADIENE POLYMERS FROM	THE DOW CHEMICAL			
65982A-IN-PCT	India	SOLUTION	COMPANY	06/19/2008 13/CHENP/2010	0	7/28/2017 285823
		PROCESS FOR				
		RECOVERING BROMINATED				
		BUTADIENE				
	Second 1 1	POLYMERS FROM	THE DOW CHEMICAL			
65982A-NL-EPT	Netherlands	SOLUTION PROCESS FOR	COMPANY	06/19/2008 08771516.5	2170962 0	5/16/2012 2170962
		RECOVERING				
		BROMINATED				
	United States Of	BUTADIENE POLYMERS FROM	THE DOW CHEMICAL			
65982A-US-NP	America	SOLUTION	COMPANY	06/26/2008 12/146636	1:	1/15/2011 8058389
		EVERURER RADAMER				
		EXTRUDED POLYMER FOAMS CONTAINING				
		BROMINATED FATTY				
		ACID-BASED FLAME				
66074A-CA-PCT	Canada	RETARDANT ADDITIVES	THE DOW CHEMICAL COMPANY	10/08/2008 2703941	1	1/08/2016 2703941
DENEVITY COLUMN	ognicos.		Sec. 11.1.1.1.1	10/00/2000 2/03241	+	1/90/2010 2/03541
		EXTRUDED POLYMER				
		FOAMS CONTAINING BROMINATED FATTY				
		ACID-BASED FLAME				
CC0744 CT - CT	China	RETARDANT	THE DOW CHEMICAL	10/00/2000 2000001100===	104040404	2/27/2012 200000112222
66074A-CN-PCT	China	ADDITIVES	COMPANY	10/08/2008 200880113952.7	7 101842424 0	3/27/2013 200880113952.7
		EXTRUDED POLYMER	l .			
		FOAMS CONTAINING				
		BROMINATED FATTY ACID-BASED FLAME				
		RETARDANT	THE DOW CHEMICAL			
66074A-DE-EPT	Germany	ADDITIVES	COMPANY	10/08/2008 08845889.8	2207841 0	9/14/2011 602008009872.9

66074A-FR-EPT France 66074A-GB-EPT United Kingdom	EXTRUDED POLYMER FOAMS CONTAINING BROMINATED FATTY ACID-BASED FLAME RETARDANT ADDITIVES EXTRUDED POLYMER FOAMS CONTAINING BROMINATED FATTY ACID-BASED FLAME RETARDANT ADDITIVES	THE DOW CHEMICAL COMPANY	10/08/2008 08845889.8 10/08/2008 08845889.8	2207841 2207841	09/14/2011 2207841 09/14/2011 2207841
66074A-JP-PCT Japan	EXTRUDED POLYMER FOAMS CONTAINING BROMINATED FATTY ACID-BASED FLAME RETARDANT ADDITIVES		10/08/2008 2010-532112		01/10/2014 5449177
66074A-TR-EPT Turkey	EXTRUDED POLYMER FOAMS CONTAINING BROMINATED FATTY ACID-BASED FLAME RETARDANT ADDITIVES		10/08/2008 03845889.8	2207841	09/14/2011 TR201110039
United States Of 66074B-US-DIV America	EXTRUDED POLYMER FOAMS CONTAINING BROMINATED FATTY ACID-BASED FLAME RETARDANT ADDITIVES PARTIAL SOLVENT STRIPPING PROCESS FOR RECOVERING BROMINATED BUTADIENE		11/30/2011 13/307728		12/04/2012 8324288
66308A-CN-PCT China	POLYMERS FROM SOLUTION PARTIAL SOLVENT STRIPPING PROCESS FOR RECOVERING BROMINATED BUTADIENE POLYMERS FROM	THE DOW CHEMICAL COMPANY	10/16/2008 200880115024.4	101848942	04/18/2012 200880115024.4
66308A-DE-EPT Germany	POLYMERS FROM SOLUTION PARTIAL SOLVENT	THE DOW CHEMICAL COMPANY	10/16/2008 08848178.3	2207812	11/23/2011 602008011606.9
66308A-FR-EPT France	STRIPPING PROCESS FOR RECOVERING BROMINATED BUTADIENE POLYMERS FROM SOLUTION PARTIAL SOLVENT STRIPPING PROCESS FOR RECOVERING BROMINATED BUTADIENE POLYMERS FROM	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	10/16/2008 08848178.3	2207812	11/23/2011 2207812
66308A-GB-EPT United Kingdom 66308A-IL-PCT Israel	SOLUTION PARTIAL SOLVENT STRIPPING PROCESS FOR RECOVERING BROMINATED BUTADIENE POLYMERS FROM SOLUTION	THE DOW CHEMICAL COMPANY	10/16/2008 08848178.3 10/16/2008 205533	2207812 205533	11/23/2011 2207812 03/01/2014 205533

66308A-IN-PCT India 66308A-NL-EPT Netherlands	SOLUTION PARTIAL SOLVENT STRIPPING PROCESS FOR RECOVERING BROMINATED BUTADIENE POLYMERS FROM T	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	10/16/2008 2683/CHENP/2010 10/16/2008 08848178.3	2207812	09/21/2016 275776 11/23/2011 2207812
	BROMINATED BUTADIENE				
United States Of	POLYMERS FROM T	THE DOW CHEMICAL			
66308B-US-NP America	SOLUTION © POSITIVE SKEW	COMPANY	10/24/2008 12/257661		03/09/2010 7674862
66379A-CA-PCT Canada	STYRENE- ACRYLONITRILE T	THE DOW CHEMICAL	03/30/2009 2721103	2721103	11/24/2015 2721103
66379A-CN-PCT China		FHE DOW CHEMICAL COMPANY	03/30/2009 200980114383.2	102015853	05/08/2013 200980114383.2
00373A-CN-FCT Clinia	POSITIVE SKEW	SOME AND	03/30/2009 200980114383.2	102013033	03/08/2013 200980114383.2
	STYRENE- ACRYLONITRILE T	THE DOW CHEMICAL			
66379A-DE-EPT Germany		COMPANY	03/30/2009 09735537.4	2268723	06/05/2013 602009016253.5
	POSITIVE SKEW STYRENE-				
		THE DOW CHEMICAL			
66379A-ES-EPT Spain	POSITIVE SKEW STYRENE-	COMPANY THE DOW CHEMICAL	03/30/2009 09735537.4	2268723	06/05/2013 2268723
66379A-FR-EPT France	POSITIVE SKEW STYRENE-	COMPANY THE DOW CHEMICAL	03/30/2009 09735537.4	2268723	06/05/2013 2268723
66379A-GB-EPT United Kingdom 66379A-GR-EPT Greece	POSITIVE SKEW STYRENE-	FHE DOW CHEMICAL	03/30/2009 09735537.4 03/30/2009 09735537.4	2268723 2268723	06/05/2013 2268723 06/05/2013 3081465
	POSITIVE SKEW STYRENE-	THE DOW CHEMICAL			39,357,2015
66379A-IT-EPT Italy	COPOLYMER FOAM	COMPANY	03/30/2009 09735537.4	2268723	06/05/2013 2268723
	POSITIVE SKEW STYRENE-				
		THE DOW CHEMICAL			
66379A-JP-PCT Japan	COPOLYMER FOAM C POSITIVE SKEW	COMPANY	03/30/2009 2011-506332	2011-518917	07/11/2014 5576359
	STYRENE-				
66379A-TR-EPT Turkey		THE DOW CHEMICAL COMPANY	03/30/2009 09735537.4	2268723	06/05/2013 2268723
United States Of 66379A-US-PCT America	ACRYLONITRILE T	THE DOW CHEMICAL COMPANY	03/30/2009 12/933173	2011-0028577	12/04/2012 8324287
	POLYMERS AS FLAME ADDITIVES AND POLYMER				
66425A-CA-PCD Canada	SYSTEMS T	THE DOW CHEMICAL COMPANY	09/02/2015 2903441		07/05/2016 2903441

	BROMINATED				
	POLYMERS AS				
	FLAME ADDITIVES				
	AND POLYMER				
	SYSTEMS	THE DOW CHEMICAL			
66425A-CA-PCT Canada	CONTAINING SAME	COMPANY	01/30/2009 2715442		05/17/2016 2715442
	BROMINATED				
	POLYMERS AS				
	FLAME ADDITIVES				
	AND POLYMER				
	SYSTEMS	THE DOW CHEMICAL			
66425A-CN-PCD China	CONTAINING SAME	COMPANY	08/31/2012 201210320008.7	102936382	02/18/2015 201210320008.7
	BROMINATED				
	POLYMERS AS				
	FLAME ADDITIVES				
	AND POLYMER				
	SYSTEMS	THE DOW CHEMICAL			
66425A-CN-PCD[2' China	CONTAINING SAME	COMPANY	08/31/2012 201210320132.3	102936383	07/30/2014 201210320132.3
	BROMINATED				
	POLYMERS AS				
	FLAME ADDITIVES				
	AND POLYMER				
	SYSTEMS	THE DOW CHEMICAL			
66425A-CN-PCD[3 China	CONTAINING SAME	COMPANY	08/31/2012 201210320007.2		01/21/2015 201210320007.2
	BROMINATED				
	POLYMERS AS				
	FLAME ADDITIVES				
	AND POLYMER				
	SYSTEMS	THE DOW CHEMICAL			
66425A-CN-PCT China	CONTAINING SAME	COMPANY	01/30/2009 200980106287.3	101959954	03/27/2013 200980106287.3
	BROMINATED				
	POLYMERS AS				
	FLAME ADDITIVES				
	AND POLYMER				
	SYSTEMS	THE DOW CHEMICAL			
66425A-DE-EPD Germany	CONTAINING SAME	COMPANY	10/20/2011 11185884.1	2410015	09/18/2013 602009018990.5
				000000000000000000000000000000000000000	
	BROMINATED				
	POLYMERS AS				
	POLYMERS AS				
	POLYMERS AS FLAME ADDITIVES	THE DOW CHEMICAL			
66425A-DE-EPT Germany	POLYMERS AS FLAME ADDITIVES AND POLYMER	THE DOW CHEMICAL	01/30/2009 09714653.4	2247664	06/06/2012 602009007483.0
66425A-DE-EPT Germany	POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS		01/30/2009 09714653.4	2247664	06/06/2012 602009007483.0
66425A-DE-EPT Germany	POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME		01/30/2009 09714653.4	2247664	06/06/2012 602009007483.0
66425A-DE-EPT Germany	POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED		01/30/2009 09714653.4	2247664	06/06/2012 602009007483.0
66425A-DE-EPT Germany	POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS		01/30/2009 09714653.4	2247664	06/06/2012 602009007483.0
G6425A-DE-EPT Germany	POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES		01/30/2009 09714653.4	2247664	06/06/2012 602009007483.0
66425A-DE-EPT Germany 66425A-DE-ETD[2] Germany	POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER	COMPANY	01/30/2009 09714653.4 10/20/2011 11185886.6	2247664 2410016	06/06/2012 602009007483.0 09/11/2013 602009018814.3
	POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED	COMPANY THE DOW CHEMICAL			
	POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS	COMPANY THE DOW CHEMICAL			
	POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES	COMPANY THE DOW CHEMICAL			
	POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER	COMPANY THE DOW CHEMICAL COMPANY			
66425A-DE-ETD[2] Germany	POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS	COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	10/20/2011 11185886.6	2410016	09/11/2013 602009018814.3
	POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME	COMPANY THE DOW CHEMICAL COMPANY			
66425A-DE-ETD[2] Germany	POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED	COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	10/20/2011 11185886.6	2410016	09/11/2013 602009018814.3
66425A-DE-ETD[2] Germany	POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS	COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	10/20/2011 11185886.6	2410016	09/11/2013 602009018814.3
66425A-DE-ETD[2] Germany	POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES	COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	10/20/2011 11185886.6	2410016	09/11/2013 602009018814.3
66425A-DE-ETD[2] Germany	POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	10/20/2011 11185886.6	2410016	09/11/2013 602009018814.3
66425A-DE-ETD[2] Germany 66425A-DE-ETD[3] Germany	POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS SYSTEMS CONTAINING SAME BROMINATED POLYMERS SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	10/20/2011 11185886.6 10/20/2011 11185887.4	2410016 2410014	09/11/2013 602009018814.3 09/04/2013 602009018646.9
66425A-DE-ETD[2] Germany	POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME SYSTEMS CONTAINING SAME	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	10/20/2011 11185886.6	2410016	09/11/2013 602009018814.3
66425A-DE-ETD[2] Germany 66425A-DE-ETD[3] Germany	POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	10/20/2011 11185886.6 10/20/2011 11185887.4	2410016 2410014	09/11/2013 602009018814.3 09/04/2013 602009018646.9
66425A-DE-ETD[2] Germany 66425A-DE-ETD[3] Germany	POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS CONTAINING SAME BROMINATED POLYMERS AS	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	10/20/2011 11185886.6 10/20/2011 11185887.4	2410016 2410014	09/11/2013 602009018814.3 09/04/2013 602009018646.9
66425A-DE-ETD[2] Germany 66425A-DE-ETD[3] Germany	POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	10/20/2011 11185886.6 10/20/2011 11185887.4	2410016 2410014	09/11/2013 602009018814.3 09/04/2013 602009018646.9
66425A-DE-ETD[2] Germany 66425A-DE-ETD[3] Germany	POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS SYSTEMS CONTAINING SAME BROMINATED POLYMERS SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMERS AND POLYMER	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	10/20/2011 11185886.6 10/20/2011 11185887.4	2410016 2410014	09/11/2013 602009018814.3 09/04/2013 602009018646.9
66425A-DE-ETD[2] Germany 66425A-DE-ETD[3] Germany 66425A-ES-EPD Spain	POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	10/20/2011 11185886.6 10/20/2011 11185887.4 10/20/2011 11185884.1	2410016 2410014 2410015	09/11/2013 602009018814.3 09/04/2013 602009018646.9 09/18/2013 2410015
66425A-DE-ETD[2] Germany 66425A-DE-ETD[3] Germany	POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	10/20/2011 11185886.6 10/20/2011 11185887.4	2410016 2410014	09/11/2013 602009018814.3 09/04/2013 602009018646.9
66425A-DE-ETD[2] Germany 66425A-DE-ETD[3] Germany 66425A-ES-EPD Spain	POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	10/20/2011 11185886.6 10/20/2011 11185887.4 10/20/2011 11185884.1	2410016 2410014 2410015	09/11/2013 602009018814.3 09/04/2013 602009018646.9 09/18/2013 2410015
66425A-DE-ETD[2] Germany 66425A-DE-ETD[3] Germany 66425A-ES-EPD Spain	POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	10/20/2011 11185886.6 10/20/2011 11185887.4 10/20/2011 11185884.1	2410016 2410014 2410015	09/11/2013 602009018814.3 09/04/2013 602009018646.9 09/18/2013 2410015
66425A-DE-ETD[2] Germany 66425A-DE-ETD[3] Germany 66425A-ES-EPD Spain	POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	10/20/2011 11185886.6 10/20/2011 11185887.4 10/20/2011 11185884.1	2410016 2410014 2410015	09/11/2013 602009018814.3 09/04/2013 602009018646.9 09/18/2013 2410015
66425A-DE-ETD[2] Germany 66425A-DE-ETD[3] Germany 66425A-ES-EPD Spain	POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	10/20/2011 11185886.6 10/20/2011 11185887.4 10/20/2011 11185884.1	2410016 2410014 2410015	09/11/2013 602009018814.3 09/04/2013 602009018646.9 09/18/2013 2410015
66425A-DE-ETD[2] Germany 66425A-DE-ETD[3] Germany 66425A-ES-EPD Spain	POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	10/20/2011 11185886.6 10/20/2011 11185887.4 10/20/2011 11185884.1 01/30/2009 09714653.4	2410014 2410014 2410015	09/11/2013 602009018814.3 09/04/2013 602009018646.9 09/18/2013 2410015
66425A-DE-ETD[2] Germany 66425A-DE-ETD[3] Germany 66425A-ES-EPD Spain	POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	10/20/2011 11185886.6 10/20/2011 11185887.4 10/20/2011 11185884.1	2410016 2410014 2410015	09/11/2013 602009018814.3 09/04/2013 602009018646.9 09/18/2013 2410015

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	POLYMERS AS				
	FLAME ADDITIVES				
	AND POLYMER				
	SYSTEMS	THE DOW CHEMICAL			
66425A-ES-ETD[3] Spain	CONTAINING SAME	COMPANY	10/20/2011 11185887.4	2410014	09/04/2013 2410014
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	POLYMERS AS				
	FLAME ADDITIVES AND POLYMER				
	SYSTEMS	THE DOW CHEMICAL			
66425A-FR-EPD France	CONTAINING SAME	COMPANY	10/20/2011 11185884.1	2410015	09/18/2013 2410015
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	POLYMERS AS				
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	SYSTEMS	THE DOW CHEMICAL			
66425A-FR-EPT France	CONTAINING SAME	COMPANY	01/30/2009 09714653.4	2247664	06/06/2012 2247664
	BROMINATED				
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	SYSTEMS	THE DOW CHEMICAL			(
66425A-FR-ETD[2] France	CONTAINING SAME	COMPANY	10/20/2011 11185886.6	2410016	09/11/2013 2410016
	BROMINATED				
	POLYMERS AS				
	FLAME ADDITIVES AND POLYMER				
	SYSTEMS	THE DOW CHEMICAL			
66425A-FR-ETD[3] France	CONTAINING SAME	COMPANY	10/20/2011 11185887.4	2410014	09/04/2013 2410014
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	POLYMERS AS				
	FLAME ADDITIVES				
	AND POLYMER				
	SYSTEMS	THE DOW CHEMICAL			
66425A-GB-EPD United Kingdom	CONTAINING SAME	COMPANY	10/20/2011 11185884.1	2410015	09/18/2013 2410015
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	FLAME ADDITIVES AND POLYMER	THE DOW CHEMICAL			
66425A-GB-EPT United Kingdom	FLAME ADDITIVES	THE DOW CHEMICAL COMPANY	01/30/2009 09714653.4	2247664	06/06/2012 2247564
66425A-GB-EPT United Kingdom	FLAME ADDITIVES AND POLYMER SYSTEMS	THE DOW CHEMICAL COMPANY	01/30/2009 09714653.4	2247664	06/06/2012 2247664
66425A-GB-EPT United Kingdom	FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME		01/30/2009: 09714653.4	2247664	06/06/2012 2247664
66425A-GB-EPT United Kingdom	FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED		01/30/2009 09714653.4	2247564	06/06/2012 2247664
66425A-GB-EPT United Kingdom	FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS		01/30/2009 09714653.4	2247664	06/06/2012 2247664
66425A-GB-EPT United Kingdom	FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS		01/30/2009 09714653.4	2247664	06/06/2012 2247664
66425A-GB-EPT United Kingdom 66425A-GB-ETD[2] United Kingdom	FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME	COMPANY	01/30/2009 09714653.4 10/20/2011 11185886.6	2247664 2410016	06/06/2012 2247664 09/11/2013 2410016
	FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED	COMPANY THE DOW CHEMICAL			
	FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS	COMPANY THE DOW CHEMICAL			
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	FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER AND POLYMER	COMPANY THE DOW CHEMICAL COMPANY			
66425A-GB-ETD[2] United Kingdom	FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS	COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	10/20/2011 11185886.6	2410016	09/11/2013 2410016
	FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME	COMPANY THE DOW CHEMICAL COMPANY			
66425A-GB-ETD[2] United Kingdom	FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS	COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	10/20/2011 11185886.6	2410016	09/11/2013 2410016
66425A-GB-ETD[2] United Kingdom	FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED	COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	10/20/2011 11185886.6	2410016	09/11/2013 2410016
66425A-GB-ETD[2] United Kingdom	FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS	COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	10/20/2011 11185886.6	2410016	09/11/2013 2410016
66425A-GB-ETD[2] United Kingdom	FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES	COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	10/20/2011 11185886.6	2410016	09/11/2013 2410016
66425A-GB-ETD[2] United Kingdom	FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	10/20/2011 11185886.6	2410016	09/11/2013 2410016
66425A-GB-ETD[2] United Kingdom 66425A-GB-ETD[3] United Kingdom	FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED SYSTEMS CONTAINING SAME BROMINATED CONTAINING SAME BROMINATED	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	10/20/2011 11185886.6 10/20/2011 11185887.4	2410016 2410014	09/11/2013 2410016 09/04/2013 2410014
66425A-GB-ETD[2] United Kingdom 66425A-GB-ETD[3] United Kingdom	FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	10/20/2011 11185886.6 10/20/2011 11185887.4	2410016 2410014	09/11/2013 2410016 09/04/2013 2410014
66425A-GB-ETD[2] United Kingdom 66425A-GB-ETD[3] United Kingdom	FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMERS SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	10/20/2011 11185886.6 10/20/2011 11185887.4	2410016 2410014	09/11/2013 2410016 09/04/2013 2410014
66425A-GB-ETD[2] United Kingdom 66425A-GB-ETD[3] United Kingdom	FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMERS AS FLAME ADDITIVES AND POLYMERS AS FLAME ADDITIVES AND POLYMERS AS	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	10/20/2011 11185886.6 10/20/2011 11185887.4	2410016 2410014	09/11/2013 2410016 09/04/2013 2410014
66425A-GB-ETD[2] United Kingdom 66425A-GB-ETD[3] United Kingdom 66425A-GR-EPD Greece	FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS AND POLYMER SYSTEMS	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	10/20/2011 11185886.6 10/20/2011 11185887.4 10/20/2011 11185884.1	2410016 2410014 2410015	09/11/2013 2410016 09/04/2013 2410014 09/18/2013 3082291
66425A-GB-ETD[2] United Kingdom 66425A-GB-ETD[3] United Kingdom	FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME SYSTEMS CONTAINING SAME	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	10/20/2011 11185886.6 10/20/2011 11185887.4	2410016 2410014	09/11/2013 2410016 09/04/2013 2410014
66425A-GB-ETD[2] United Kingdom 66425A-GB-ETD[3] United Kingdom 66425A-GR-EPD Greece	FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS AND POLYMER SYSTEMS	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	10/20/2011 11185886.6 10/20/2011 11185887.4 10/20/2011 11185884.1	2410016 2410014 2410015	09/11/2013 2410016 09/04/2013 2410014 09/18/2013 3082291
66425A-GB-ETD[2] United Kingdom 66425A-GB-ETD[3] United Kingdom 66425A-GR-EPD Greece	FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	10/20/2011 11185886.6 10/20/2011 11185887.4 10/20/2011 11185884.1	2410016 2410014 2410015	09/11/2013 2410016 09/04/2013 2410014 09/18/2013 3082291
66425A-GB-ETD[2] United Kingdom 66425A-GB-ETD[3] United Kingdom 66425A-GR-EPD Greece	FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMERS SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	10/20/2011 11185886.6 10/20/2011 11185887.4 10/20/2011 11185884.1	2410016 2410014 2410015	09/11/2013 2410016 09/04/2013 2410014 09/18/2013 3082291
66425A-GB-ETD[2] United Kingdom 66425A-GB-ETD[3] United Kingdom 66425A-GR-EPD Greece	FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	10/20/2011 11185886.6 10/20/2011 11185887.4 10/20/2011 11185884.1	2410016 2410014 2410015	09/11/2013 2410016 09/04/2013 2410014 09/18/2013 3082291
66425A-GB-ETD[2] United Kingdom 66425A-GB-ETD[3] United Kingdom 66425A-GR-EPD Greece	FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS SYSTEMS CONTAINING SAME BROMINATED POLYMERS SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	10/20/2011 11185886.6 10/20/2011 11185887.4 10/20/2011 11185884.1	2410016 2410014 2410015	09/11/2013 2410016 09/04/2013 2410014 09/18/2013 3082291

66425A-GR-ETD[3] Greece	BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER	THE DOW CHEMICAL COMPANY	10/20/2011	11185887.4	2410014	09/04/2013 3082187
66425A-IN-PCT India 66425A-IT-EPD Italy	SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	01/30/2009	5254/CHENP/201	2410015	09/25/2017 287698 09/18/2013 2410015
66425A-IT-EPT Italy	SYSTEMS CONTAINING SAME	THE DOW CHEMICAL COMPANY	01/30/2009	09714653.4	2247664	06/06/2012 2247664
66425A-IT-ETD[2] Italy	BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	10/20/2011		2410016	09/11/2013 2410016
66425A-IT-ETD[3] Italy 66425A-IP-PCD[3] Japan	CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME	COMPANY THE DOW CHEMICAL COMPANY	10/20/2011 01/31/2013	11185887.4 2013-016450	2410014	09/04/2013 2410014 07/10/2015 5775103
	BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS	THE DOW CHEMICAL				
66425A-JP-PCT Japan 66425A-TR-EPD Turkey	CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME	THE DOW CHEMICAL COMPANY	01/30/2009	2010-548777	2011-513537 2410015	04/12/2013 5243559 09/18/2013 2410015
	BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS	THE DOW CHEMICAL				
66425A-TR-EPT Turkey 66425A-TR-ETD[2] Turkey	CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME BROMINATED POLYMERS AS FLAME ADDITIVES	COMPANY THE DOW CHEMICAL COMPANY	01/30/2009		2247664 2410016	06/06/2012 2247664 09/11/2013 2410016
66425A-TR-ETD[3] Turkey	AND POLYMER SYSTEMS CONTAINING SAME	THE DOW CHEMICAL COMPANY	10/20/2011	11185887.4	2410014	09/04/2013 2410014

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DENSITY FOAMS COMPANY		METHOD OF				
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66742-DE-EPT Germany	PROCESS FOR FORMING AND DEVOLATILIZING BROMINATED POLYBUTADIENE THE DOW CHEMI POLYMER PARTICLES COMPANY	CAL 08/18/2009 09791609.2	09/19/2012 602009009897.7
66742-FR-EPT France	PROCESS FOR FORMING AND DEVOLATILIZING BROMINATED POLYBUTADIENE THE DOW CHEMI- POLYMER PARTICLES COMPANY	CAL 08/18/2009 09791609.2	09/19/2012 2315795
66742-GB-EPT United Kingdom	PROCESS FOR FORMING AND DEVOLATILIZING BROMINATED POLYBUTADIENE THE DOW CHEMI POLYMER PARTICLES COMPANY		09/19/2012 2315795
66742-IL-PCT Israel	PROCESS FOR FORMING AND DEVOLATILIZING BROMINATED POLYBUTADIENE THE DOW CHEMI POLYMER PARTICLES COMPANY	CAL 08/18/2009 211220	211220 04/01/2015 211220
	PROCESS FOR FORMING AND DEVOLATILIZING BROMINATED POLYBUTADIENE THE DOW CHEMI		
66742-IN-PCT India	PROCESS FOR FORMING AND DEVOLATILIZING BROMINATED POLYBUTADIENE THE DOW CHEMI	08/18/2009 1102/CHENP/2011	1102/CHENP/2 11/10/2017 289485
66742-JP-PCT Japan	POLYMER PARTICLES COMPANY	08/18/2009 2011-523928	2012-500324 10/10/2014 5628810
United States Of 66742-US-PCT America	PROCESS FOR FORMING AND DEVOLATILIZING BROMINATED POLYBUTADIENE THE DOW CHEMI POLYMER PARTICLES PROCESS FOR BROMINATING BUTADIENE COPOLYMERS BY THE ADDITION OF WATER OR CERTAIN THE DOW CHEMI	08/18/2009 13/057251 CAL	11/11/2014 8883253
66947A-CN-PCT China 66947A-DE-EPT Germany	SOLVENTS COMPANY PROCESS FOR BROMINATING BUTADIENE COPOLYMERS BY THE ADDITION OF WATER OR CERTAIN THE DOW CHEMI SOLVENTS COMPANY PROCESS FOR BROMINATING BUTADIENE	02/25/2009 200980107836.9 CAL: 02/25/2009 09747028.0	101959901 05/08/2013 200980107836.9 05/08/2013 200980107836.9 2269342 04/09/2014 602009023128.6
66947A-FR-EPT France	BUTADIENE COPOLYMERS BY THE ADDITION OF WATER OR CERTAIN SOLVENTS THE DOW CHEMIC COMPANY	CAE 02/25/2009 09747028.0	2269342 04/09/2014 2269342

66947A-GB-EPT United Kingdom	PROCESS FOR BROMINATING BROMINATING BUTADIENE COPOLYMERS BY THE ADDITION OF WATER OR CERTAIN SOLVENTS PROCESS FOR BROMINATING BUTADIENE COPOLYMERS BY THE ADDITION OF WATER OR CERTAIN		02/25/2009	09747028.0	2269342	04/09/2014 2269342
66947A-IL-PCT Israel	SOLVENTS PROCESS FOR BROMINATING BUTADIENE COPOLYMERS BY THE ADDITION OF WATER OR CERTAIN SOLVENTS PROCESS FOR BROMINATING BUTADIENE COPOLYMERS BY THE	COMPANY	02/25/2009	207907 5492/CHENP/2010		02/01/2014 207907 11/09/2017 289388
66947A-JP-PCD Japan 66947A-JP-PCT Japan	SOLVENTS PROCESS FOR BROMINATING BUTADIENE COPOLYMERS BY THE ADDITION OF WATER OR CERTAIN SOLVENTS PROCESS FOR BROMINATING BUTADIENE COPOLYMERS BY THE	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	05/16/2014		2014-141690	08/07/2015 5789031
66947A-NL-EPT Netherlands United States Of 66947A-US-PCT America	SOLVENTS PROCESS FOR BROMINATING BUTADIENE COPOLYMERS BY THE ADDITION OF WATER OR CERTAIN SOLVENTS PROCESS FOR BROMINATING BUTADIENE/VINLY	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	02/25/2009			04/09/2014 2269342 06/05/2012 8193287
66948B-CN-PCT China 66948B-DE-EPT Germany	COPOLYMERS PROCESS FOR BROMINATING BUTADIENE/VINLY AROMATIC COPOLYMERS PROCESS FOR BROMINATING BUTADIENE/VINLY	COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	04/03/2009	200980110987.X 09729336.9		02/06/2013 200980110987.X 09/12/2012 602009009722.9
66948B-GB-EPT United Kingdom	COPOLYMERS PROCESS FOR BROMINATING BUTADIENE/VINLY AROMATIC COPOLYMERS PROCESS FOR BROMINATING BUTADIENE/VINLY AROMATIC COPOLYMERS	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	04/03/2009	09729336.9	2268676	09/12/2012 2268676 09/12/2012 2268676 09/01/2015 208472

PROCESS FOR BROMINATING BUTADIENE/VINI AROMATIC G6948B-IN-PCT India COPOLYMERS PROCESS FOR	Y THE DOW CHEMICAL COMPANY 04/03/2009 6317/CHENP/20	10 08/28/2017 286738
BROMINATING BUTADIENE/VINI AROMATIC COPOLYMERS PROCESS FOR BROMINATING BUTADIENE/VINI AROMATIC AROMATIC COPOLYMERS COPOLYMERS COPOLYMERS	THE DOW CHEMICAL COMPANY 04/03/2009 2011-504092	2011-517471 11/29/2013 5421356 2268676 09/12/2012 2268676
PROCESS FOR BROMINATING BUTADIENE/VINI United States Of AROMATIC	.Y THE DOW CHEMICAL	2,7,7,0,7
66948B-US-PCT America COPOLYMERS TWO-STEP PROC FOR BROMINATII BUTADIENE 66988A-CN-PCT China COPOLYMERS		11/06/2012 8304492 1 102015774 01/02/2013 200980114783.3
TWO-STEP PROCI FOR BROMINATII BUTADIENE 66988A-DE-EPT Germany COPOLYMERS	ESS NG THE DOW CHEMICAL COMPANY 04/17/2009 09739430.8	2274338 12/12/2012 602009011910.9
TWO-STEP PROC FOR BROMINATH BUTADIENE 66988A-FR-EPT France COPOLYMERS TWO-STEP PROC FOR BROMINATH	NG THE DOW CHEMICAL COMPANY 04/17/2009 09739430.8 ESS NG	2274338 12/12/2012 2274338
66988A-GB-EPT United Kingdom COPOLYMERS TWO-STEP PROC FOR BROMINATII BUTADIENE 66988A-IL-PCT Israel COPOLYMERS TWO-STEP PROC	NG THE DOW CHEMICAL COMPANY 04/17/2009 209038	2274338 12/12/2012 2274338 209038 05/01/2014 209038
FOR BROMINATII BUTADIENE 66988A-IN-PCT India COPOLYMERS TWO-STEP PROC FOR BROMINATII BUTADIENE 66988A-JP-PCT Japan COPOLYMERS	NG THE DOW CHEMICAL COMPANY 04/17/2009 6956/CHENP/20	10 6956/CHENP/2 10/31/2017 289068 2011-519992 03/28/2014 5508397
TWO-STEP PROCI FOR BROMINATII BUTADIENE 66988A-NL-EPT Netherlands COPOLYMERS STABILIZERS FOR POLYMERS CONTAINING	NG THE DOW CHEMICAL COMPANY 04/17/2009 09739430.8	2274338 12/12/2012 2274338
ALIPHATICALLY- 67172-CA-PCT Canada BOUND BROMIN STABILIZERS FOR POLYMERS CONTAINING		12/06/2016 2747386
ALIPHATICALLY- 67172-CN-PCT China BOUND BROMIN STABILIZERS FOR POLYMERS CONTAINING ALIPHATICALLY- 67172-DE-EPT Germany BOUND BROMIN STABILIZERS FOR POLYMERS	THE DOW CHEMICAL E COMPANY 12/07/2009 09768300.7	09/04/2013 200980150884.6 2379628 08/21/2013 602009018206.4
CONTAINING ALIPHATICALLY- 67172-ES-EPT Spain BOUND BROMIN	THE DOW CHEMICAL E COMPANY 12/07/2009 09768300.7	2379628 08/21/2013 2379628

POL CON ALIF	ABILIZERS FOR LYMERS NTAINING PHATICALLY- THE DOW C UND BROMINE COMPANY	HEMICAL 12/07/2009 +	99768300.7	79628 08/21/	2013 2379628
STA POL CON ALIF 67172-GB-EPT United Kingdom BOL	ABILIZERS FOR LYMERS NTAINING PHATICALLY- THE DOW C UND BROMINE COMPANY				2013 2379628
POL CON ALII 67172-GR-EPT Greece BOU	ABILIZERS FOR LYMERS NTAINING PHATICALLY UND BROMINE COMPANY ABILIZERS FOR	HEMICAL 12/07/2009 (09768300.7 237	79628 08/21/	2013 3082061
POL COM ALIF 67172-IN-PCT India BOU	LYMERS NTAINING PHATICALLY- THE DOW C UND BROMINE COMPANY		4298/CHENP/2011 429	98/CHENP/2 01/31/	2018 292363
POL CON ALIF	ABILIZERS FOR LYMERS NTAINING PHATICALLY- THE DOW C UND BROMINE COMPANY	HEMICAL 12/07/2009 +	09768300.7 237	79628 08/21/	2013 2379628
POL CON ALIF	ABILIZERS FOR LYMERS NTAINING PHATICALLY- THE DOW C UND BROMINE COMPANY	HEMICAL 12/07/2009 :	2011-542234 201	12-512942 01/24/	2014 5462278
POL CON ALII 67172-RU-PCT Russian Federation BOU		HEMICAL 12/07/2009	2011129655 201	11129655 07/24/	2014 2011129655
POL COM ALIF 67172-TR-EPT Turkey BOL	ABILIZERS FOR LYMERS NTAINING PHATICALLY- THE DOW C UND BROMINE COMPANY	HEMICAL 12/07/2009 (09768300.7 237	79628 08/21/	2013 2379628
POL CON United States Of ALIF 67172-US-CNT America BOU	ABILIZERS FOR LYMERS NTAINING PHATICALLY- THE DOW C UND BROMINE COMPANY	HEMICAL 01/25/2016	15/004708	05/30/	2017 9663649
INSI 67174-CA-NP Canada ASS	NTINUOUSLY SULATED WALL THE DOW C SEMBLY COMPANY NTINUOUSLY	HEMICAL 06/25/2009	2670509	07/19/	2016 2670509
United States Of INSI 67174-US-NP America ASS	SULATED WALL THE DOW C SEMBLY COMPANY LVENT TRANSFER	HEMICAL 06/12/2009	12/483331 200	99-0320397 03/19/	2013 8397465
PRC 67257-CN-PCT China ORG SOL PRC	OCESS FOR THE DOW O GANIC POLYMERS COMPANY LVENT TRANSFER OCESS FOR THE DOW O GANIC POLYMERS COMPANY	08/03/2009			2013 200980139457.8 2012 602009010204.4
PRC 67257-FR-EPT France ORG SOL	LVENT TRANSFER OCESS FOR THE DOW C GANIC POLYMERS COMPANY EVENT TRANSFER OCESS FOR THE DOW C	08/03/2009 (09748164.2 231	13441 10/03/	2012 2313441
SOL	GANIC POLYMERS COMPANY LVENT TRANSFER OCESS FOR THE DOW: C	08/03/2009 (HEMICAL	09748164,2 231	13441 10/03/	2012 2313441
67257-IL-PCT Israel ORG	GANIC POLYMERS COMPANY	08/03/2009	210994 210	0994 12/01/	2014 210994

67257-IN-PCT	India	SOLVENT TRANSFER PROCESS FOR ORGANIC POLYMERS SOLVENT TRANSFER PROCESS FOR	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	08/03/2009 741	L/CHENP/2011	741/CHENP/26	11/15/2017 289602
67257 ID DOT	1			00/02/2000 200	14 522440	2014 520624	04/40/2044 5524064
67257-JP-PCT	Japan	ORGANIC POLYMERS	CUMPANT	08/03/2009 201	11-522140	2011-530624	04/18/2014 5524964
		SOLVENT TRANSFER					
		PROCESS FOR	THE DOW CHEMICAL				
67257-NL-EPT	Netherlands	ORGANIC POLYMERS	COMPANY	08/03/2009 097	748164.2	2313441	10/03/2012 2313441
		SOLVENT TRANSFER					
	United States Of	PROCESS FOR	THE DOW CHEMICAL				
67257-US-PCT	America	ORGANIC POLYMERS	COMPANY	08/03/2009 13/	/055796		07/09/2013 8481613
		PROCESS FOR					
		BROMINATING					
		UNSATURATED					
		ORGANIC					
		COMPOUNDS USING					
		A QUATERNARY					
		PHOSPHONIUM					
		TRIBROMIDE AS THE					
		BROMINATING	THE DOW CHEMICAL				
67258-CN-PCT	China	AGENT	COMPANY	08/13/2009 200	0980132676.3	102131835	06/18/2014 200980132676,3
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		PROCESS FOR					
		BROMINATING					
		UNSATURATED					
		ORGANIC					
		COMPOUNDS USING					
		A QUATERNARY					
		PHOSPHONIUM					
		TRIBROMIDE AS THE					
		BROMINATING	THE DOW CHEMICAL				
67258-DE-EPT	Germany	BROMINATING AGENT	THE DOW CHEMICAL COMPANY	08/13/2009 097	791481.6	2318445	11/21/2012 602009011435.2
67258-DE-EPT	Germany			08/13/2009 097	791481.6	2318445	11/21/2012 602009011435.2
67258-DE-EPT	Germany	AGENT PROCESS FOR		08/13/2009 097	791481.6	2318445	11/21/2012 602009011435.2
67258-DE-EPT	Germany	AGENT PROCESS FOR BROMINATING		08/13/2009 097	791481.6	2318445	11/21/2012 602009011435.2
67258-DE-EPT	Germany	AGENT PROCESS FOR BROMINATING UNSATURATED		08/13/2009 097	791481.6	2318445	11/21/2012 602009011435.2
67258-DE-EPT	Germany	AGENT PROCESS FOR BROMINATING UNSATURATED ORGANIC		08/13/2009 097	791481.6	2318445	11/21/2012 602009011435.2
67258-DE-EPT	Germany	PROCESS FOR BROMINATING UNSATURATED ORGANIC COMPOUNDS USING		08/13/2009 097	791481.6	2318445	11/21/2012 602009011435.2
67258-DE-EPT	Germany	PROCESS FOR BROMINATING UNSATURATED ORGANIC COMPOUNDS USING A QUATERNARY PHOSPHONIUM TRIBROMIDE AS THE		08/13/2009 097	791481.6	2318445	11/21/2012 602009011435.2
	Germany	PROCESS FOR BROMINATING UNSATURATED ORGANIC COMPOUNDS USING A QUATERNARY PHOSPHONIUM				2318445	11/21/2012 602009011435.2
67258-DE-EPT	Germany	PROCESS FOR BROMINATING UNSATURATED ORGANIC COMPOUNDS USING A QUATERNARY PHOSPHONIUM TRIBROMIDE AS THE	COMPANY	08/13/2009 097 08/13/2009 097		2318445 2318445	11/21/2012 602009011435.2 11/21/2012 2318445
		AGENT PROCESS FOR BROMINATING UNSATURATED ORGANIC COMPOUNDS USING A QUATERNARY PHOSPHONIUM TRIBROMIDE AS THE BROMINATING AGENT	COMPANY THE DOW CHEMICAL				
		AGENT PROCESS FOR BROMINATING UNSATURATED ORGANIC COMPOUNDS USING A QUATERNARY PHOSPHONIUM TRIBROMIDE AS THE BROMINATING AGENT PROCESS FOR	COMPANY THE DOW CHEMICAL				
		AGENT PROCESS FOR BROMINATING UNSATURATED ORGANIC COMPOUNDS USING A QUATERNARY PHOSPHONIUM TRIBROMIDE AS THE BROMINATING AGENT PROCESS FOR BROMINATING	COMPANY THE DOW CHEMICAL				
		AGENT PROCESS FOR BROMINATING UNSATURATED ORGANIC COMPOUNDS USING A QUATERNARY PHOSPHONIUM TRIBROMIDE AS THE BROMINATING AGENT PROCESS FOR BROMINATING UNSATURATED	COMPANY THE DOW CHEMICAL				
		AGENT PROCESS FOR BROMINATING UNSATURATED ORGANIC COMPOUNDS USING A QUATERNARY PHOSPHONIUM TRIBROMIDE AS THE BROMINATING AGENT PROCESS FOR BROMINATING UNSATURATED ORGANIC	COMPANY THE DOW CHEMICAL				
		PROCESS FOR BROMINATING UNSATURATED ORGANIC COMPOUNDS USING A QUATERNARY PHOSPHONIUM TRIBROMIDE AS THE BROMINATING AGENT PROCESS FOR BROMINATING UNSATURATED ORGANIC COMPOUNDS USING	COMPANY THE DOW CHEMICAL				
		PROCESS FOR BROMINATING UNSATURATED ORGANIC COMPOUNDS USING A QUATERNARY PHOSPHONIUM TRIBROMIDE AS THE BROMINATING AGENT PROCESS FOR BROMINATING UNSATURATED ORGANIC COMPOUNDS USING A QUATERNARY	COMPANY THE DOW CHEMICAL				
		PROCESS FOR BROMINATING UNSATURATED ORGANIC COMPOUNDS USING A QUATERNARY PHOSPHONIUM TRIBROMIDE AS THE BROMINATING AGENT PROCESS FOR BROMINATING UNSATURATED ORGANIC COMPOUNDS USING A QUATERNARY PHOSPHONIUM	COMPANY THE DOW CHEMICAL				
		PROCESS FOR BROMINATING UNSATURATED ORGANIC COMPOUNDS USING A QUATERNARY PHOSPHONIUM TRIBROMIDE AS THE BROMINATING AGENT PROCESS FOR BROMINATING UNSATURATED ORGANIC COMPOUNDS USING A QUATERNARY PHOSPHONIUM TRIBROMIDE AS THE	THE DOW CHEMICAL COMPANY				
67258-FR-EPT	France	PROCESS FOR BROMINATING UNSATURATED ORGANIC COMPOUNDS USING A QUATERNARY PHOSPHONIUM TRIBROMIDE AS THE BROMINATING AGENT PROCESS FOR BROMINATING UNSATURATED ORGANIC COMPOUNDS USING A QUATERNARY PHOSPHONIUM TRIBROMIDE AS THE BROMINATING	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	08/13/2009 097	791481.6	2318445	11/21/2012 2318445
		PROCESS FOR BROMINATING UNSATURATED ORGANIC COMPOUNDS USING A QUATERNARY PHOSPHONIUM TRIBROMIDE AS THE BROMINATING AGENT PROCESS FOR BROMINATING UNSATURATED ORGANIC COMPOUNDS USING A QUATERNARY PHOSPHONIUM TRIBROMIDE AS THE	THE DOW CHEMICAL COMPANY		791481.6		
67258-FR-EPT	France	AGENT PROCESS FOR BROMINATING UNSATURATED ORGANIC COMPOUNDS USING A QUATERNARY PHOSPHONIUM TRIBROMIDE AS THE BROMINATING AGENT PROCESS FOR BROMINATING UNSATURATED ORGANIC COMPOUNDS USING A QUATERNARY PHOSPHONIUM TRIBROMIDE AS THE BROMINATING AGENT	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	08/13/2009 097	791481.6	2318445	11/21/2012 2318445
67258-FR-EPT	France	AGENT PROCESS FOR BROMINATING UNSATURATED ORGANIC COMPOUNDS USING A QUATERNARY PHOSPHONIUM TRIBROMIDE AS THE BROMINATING AGENT PROCESS FOR BROMINATING UNSATURATED ORGANIC COMPOUNDS USING A QUATERNARY PHOSPHONIUM TRIBROMIDE AS THE BROMINATING A GENT PROCESS FOR	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	08/13/2009 097	791481.6	2318445	11/21/2012 2318445
67258-FR-EPT	France	PROCESS FOR BROMINATING UNSATURATED ORGANIC COMPOUNDS USING A QUATERNARY PHOSPHONIUM TRIBROMIDE AS THE BROMINATING UNSATURATED ORGANIC COMPOUNDS USING A QUATERNARY PHOSPHONIUM TRIBROMIDE AS THE BROMINATING A QUATERNARY PHOSPHONIUM TRIBROMIDE AS THE BROMINATING AGENT PROCESS FOR BROMINATING	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	08/13/2009 097	791481.6	2318445	11/21/2012 2318445
67258-FR-EPT	France	PROCESS FOR BROMINATING UNSATURATED ORGANIC COMPOUNDS USING A QUATERNARY PHOSPHONIUM TRIBROMIDE AS THE BROMINATING AGENT PROCESS FOR BROMINATING UNSATURATED ORGANIC COMPOUNDS USING A QUATERNARY PHOSPHONIUM TRIBROMIDE AS THE BROMINATING AGENT PROCESS FOR BROMINATING UNSATURATED UNSATURATED UNSATURATED	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	08/13/2009 097	791481.6	2318445	11/21/2012 2318445
67258-FR-EPT	France	PROCESS FOR BROMINATING UNSATURATED ORGANIC COMPOUNDS USING A QUATERNARY PHOSPHONIUM TRIBROMIDE AS THE BROMINATING UNSATURATED ORGANIC COMPOUNDS USING A QUATERNARY PHOSPHONIUM TRIBROMIDE AS THE BROMINATING A QUATERNARY PHOSPHONIUM TRIBROMIDE AS THE BROMINATING AGENT PROCESS FOR BROMINATING UNSATURATED ORGANIC	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	08/13/2009 097	791481.6	2318445	11/21/2012 2318445
67258-FR-EPT	France	PROCESS FOR BROMINATING UNSATURATED ORGANIC COMPOUNDS USING A QUATERNARY PHOSPHONIUM TRIBROMIDE AS THE BROMINATING UNSATURATED ORGANIC COMPOUNDS USING A QUATERNARY PHOSPHONIUM TRIBROMIDE AS THE BROMINATING A QUATERNARY PHOSPHONIUM TRIBROMIDE AS THE BROMINATING AGENT PROCESS FOR BROMINATING UNSATURATED ORGANIC COMPOUNDS USING UNSATURATED ORGANIC COMPOUNDS USING	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	08/13/2009 097	791481.6	2318445	11/21/2012 2318445
67258-FR-EPT	France	PROCESS FOR BROMINATING UNSATURATED ORGANIC COMPOUNDS USING A QUATERNARY PHOSPHONIUM TRIBROMIDE AS THE BROMINATING AGENT PROCESS FOR BROMINATING UNSATURATED ORGANIC COMPOUNDS USING A QUATERNARY PHOSPHONIUM TRIBROMIDE AS THE BROMINATING AGENT PROCESS FOR BROMINATING AGENT PROCESS FOR BROMINATING AGENT PROCESS FOR BROMINATING UNSATURATED ORGANIC COMPOUNDS USING A QUATERNARY	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	08/13/2009 097	791481.6	2318445	11/21/2012 2318445
67258-FR-EPT	France	PROCESS FOR BROMINATING UNSATURATED ORGANIC COMPOUNDS USING A QUATERNARY PHOSPHONIUM TRIBROMIDE AS THE BROMINATING UNSATURATED ORGANIC COMPOUNDS USING A QUATERNARY PHOSPHONIUM TRIBROMIDE AS THE BROMINATING AGENT PROCESS FOR BROMINATING UNSATURATED ORGANIC COMPOUNDS USING A QUATERNARY PHOSPHONIUM TRIBROMIDE AS THE BROMINATING AGENT PROCESS FOR BROMINATING UNSATURATED ORGANIC COMPOUNDS USING A QUATERNARY PHOSPHONIUM	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	08/13/2009 097	791481.6	2318445	11/21/2012 2318445
67258-FR-EPT	France	PROCESS FOR BROMINATING UNSATURATED ORGANIC COMPOUNDS USING A QUATERNARY PHOSPHONIUM TRIBROMIDE AS THE BROMINATING UNSATURATED ORGANIC COMPOUNDS USING A QUATERNARY PHOSPHONIUM TRIBROMIDE AS THE BROMINATING AGENT PROCESS FOR BROMINATING UNSATURATED ORGANIC COMPOUNDS USING A QUATERNARY PHOSPHONIUM TRIBROMIDE AS THE	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	08/13/2009 097	791481.6	2318445	11/21/2012 2318445
67258-FR-EPT	France	PROCESS FOR BROMINATING UNSATURATED ORGANIC COMPOUNDS USING A QUATERNARY PHOSPHONIUM TRIBROMIDE AS THE BROMINATING UNSATURATED ORGANIC COMPOUNDS USING A QUATERNARY PHOSPHONIUM TRIBROMIDE AS THE BROMINATING AGENT PROCESS FOR BROMINATING UNSATURATED ORGANIC COMPOUNDS USING A QUATERNARY PHOSPHONIUM TRIBROMIDE AS THE BROMINATING AGENT PROCESS FOR BROMINATING UNSATURATED ORGANIC COMPOUNDS USING A QUATERNARY PHOSPHONIUM	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	08/13/2009 097	791481.6 791481.6	2318445	11/21/2012 2318445

A QUATER PHOSPHO TRIBROM BROMINA 67258-IN-PCT India AGENT PROCESS BROMINA UNSATUR ORGANIC COMPOU A QUATER PHOSPHO	TING ATED NDS USING KNARY DE AS THE TING THE DOW CHEMICAL COMPANY FOR TING ATED NDS USING KNARY NIUM DE AS THE	08/13/2009 1212/CHENP/2011 08/13/2009 2011-523880	1212/CHENP/2 2012-500863	11/06/2017 289271 10/03/2014 5624039
PROCESS				
BROMINA UNSATUR				
ORGANIC	upe Lielue			
A QUATER	nds using Rnary			
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67258-NL-EPT Netherlands AGENT	COMPANY	08/13/2009 09791481.6	2318445	11/21/2012 2318445
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ORGANIC				
A QUATER	nds using Rnary			
PHOSPHO				
United States Of BROMINA	DE AS THE TING THE DOW CHEMICAL			
67258-US-PCT America AGENT	COMPANY	08/13/2009 13/057255	2011-0136984	02/12/2013 8372921
NANOPOF POLYMER				
HAVING H		44 /04 /2040 2700426		00/05/2017 2700426
67262-CA-PCT Canada POROSITY NANOPOF		11/01/2010 2780126		09/05/2017 2780126
POLYMER	IC FOAM			
HAVING F 67262-CN-PCT China POROSITY		11/01/2010 201080053457.9	102630239	04/09/2014 201080053457.9
NANOPOF	ROUS			
POLYMER HAVING H				
67262-DE-EPT Germany POROSITY		11/01/2010 10774399.9	2504384	03/21/2018 602010049332.6
NANOPOF POLYMER				
European HAVING F				
67262-EP-EPT Procedure (Patents) POROSITY NANOPOR		11/01/2010 10774399.9	2504384	03/21/2018 2504384
POLYMER	IC FOAM			
HAVING F 67262-FR-EPT France POROSITY		11/01/2010 10774399.9	2504384	03/21/2018 2504384
NANOPOI	ROUS	, ,		
POLYMER HAVING H				
67262-GB-EPT United Kingdom POROSITY		11/01/2010 10774399.9	2504384	03/21/2018 2504384
NANOPOI POLYMER				
HAVING F	IIGH THE DOW CHEMICAL	44/04/0040 5515 5115	2040 =	10/10/0015 55
67262-JP-PCT Japan POROSITY	COMPANY	11/01/2010 2012-541087	2013-512307	12/18/2015 5856974

NANOPOROUS POLYMERIC FOAM
HAVING HIGH THE DOW CHEMICAL 67262-NL-EPT Netherlands POROSITY COMPANY 11/01/2010 10774399.9 2504384 03/21/2018 2504384
NANOPOROUS POLYMERIC FOAM
United States Of HAVING HIGH THE DOW CHEMICAL 67262-US-PCT America POROSITY COMPANY 11/01/2010 13/504561 2012-0225272 08/01/2017 9718938
PROCESS FOR BROMINATING
BUTADIENE
POLYMERS USING ESTER SOLVENT THE DOW CHEMICAL
67514-CN-PCT China MIXTURES COMPANY 12/07/2009 200980150882.7 102257016 04/09/2014 200980150882.7 PROCESS FOR
BROMINATING BUTADIENE
POLYMERS USING ESTER SOLVENT THE DOW CHEMICAL
67514-DE-EPT Germany MIXTURES COMPANY 12/07/2009 09765218.4 2379605 03/12/2014 602009022452.2 PROCESS FOR
BROMINATING BUTADIENE
POLYMERS USING
ESTER SOLVENT THE DOW CHEMICAL 67514-FR-EPT France MIXTURES COMPANY 12/07/2009 09765218.4 2379605 03/12/2014 2379605
PROCESS FOR BROMINATING
BUTADIENE POLYMERS USING
ESTER SOLVENT THE DOW CHEMICAL 67514-GB-EPT United Kingdom MIXTURES COMPANY 12/07/2009 09765218.4 2379605 03/12/2014 2379605
PROCESS FOR BROMINATING
BUTADIENE POLYMERS USING
ESTER SOLVENT THE DOW CHEMICAL
PROCESS FOR
BROMINATING BUTADIENE
POLYMERS USING ESTER SOLVENT THE DOW CHEMICAL
67514-IN-PCT India MIXTURES COMPANY 12/07/2009 4207/CHENP/2011 4207/CHENP/2 04/03/2018 295399 PROCESS FOR
BROMINATING BUTADIENE
POLYMERS USING ESTER SOLVENT THE DOW CHEMICAL
67514-JP-PCT Japan MIXTURES COMPANY 12/07/2009 2011-542235 2012-512943 09/12/2014 5612599 PROCESS FOR
BROMINATING BUTADIENE
POLYMERS USING
ESTER SOLVENT THE DOW CHEMICAL 67514-NL-EPT Netherlands MIXTURES COMPANY 12/07/2009 09765218.4 2379605 03/12/2014 2379605
PROCESS FOR BROMINATING
BUTADIENE POLYMERS USING
United States Of STER SOLVENT THE DOW CHEMICAL 67514-US-PCT America MIXTURES COMPANY 12/07/2009 13/131603 07/15/2014 8779066
EXTRUDED POLYMER FOAM PROCESS
WITH STAGED THE DOW CHEMICAL 67525-CA-PCT Canada FORMING COMPANY 02/24/2010 2750730 03/07/2017 2750730
EXTRUDED POLYMER FOAM PROCESS
WITH STAGED THE DOW CHEMICAL 67525-CN-PCT China FORMING COMPANY 02/24/2010 201080010272.X 102341226 03/05/2014 201080010272.X
EXTRUDED POLYMER FOAM PROCESS
European WITH STAGED THE DOW CHEMICAL
67525-EP-EPT Procedure (Patents) FORMING COMPANY 02/24/2010 10705526.1 2403702

EXTRUDED FOAM PRO WITH STAG 67525-IP-PCT Japan FORMING		02/24/2010 2011-552984	2012-519753 01/16	/2015 5681120
EXTRUDED FOAM PRC United States Of WITH STAC 67525-US-PCT America FORMING THERMAL INSULATIN	OCESS GED THE DOW CHEMICAL COMPANY	02/24/2010 13/145295	2012-0004333 07/02	/2013 8476327
67526-CA-PCT Canada COMPOSIT THERMAL INSULATIN 67526-CN-PCT China COMPOSIT THERMAL United States Of INSULATIN	IG PANEL THE DOW CHEMICAL E COMPANY	07/15/2010 2768217 07/15/2010 201080032320.5		/2017 2768217 /2013 201080032320.5
67526-US-PCT America COMPOSIT POLYMERI CONTAINII 67593-CA-PCT Canada ALUMINA	C FOAM	07/15/2010 13/377975 03/18/2010 2756693		/2012 8313818 /2016 2756693
POLYMERI CONTAINII 67593-CN-PCT China ALUMINA POLYMERI CONTAINII	NG THE DOW CHEMICAL BOEHMITE COMPANY C FOAM	03/18/2010 201080014146.1	102365319 05/08	/2013 201080014146.1
67593-DE-EPT Germany ALUMINA POLYMERI CONTAINII	BOEHMITE COMPANY CFOAM	03/18/2010 10711113.0 03/18/2010 10711113.0		/2014 602010016987.1 /2014 2411458
POLYMERI CONTAINII	NG THE DOW CHEMICAL BOEHMITE COMPANY C FOAM	03/18/2010 10711113.0 03/18/2010 10711113.0		/2014 2411458 /2014 2411458
POLYMERI	NG THE DOW CHEMICAL BOEHMITE COMPANY C FOAM	03/18/2010 10711113.0	2411458 06/25	/2014 2411458
POLYMERI CONTAINII	BOEHMITE COMPANY C FOAM	03/18/2010 2012-502119 03/18/2010 10711113.0		/2015 5739406 /2014 2411458
67596-CA-PCT Canada CONTENT POLYMER	BROMINE THE DOW CHEMICAL COMPANY	01/05/2010 2749282 01/05/2010 10701162.9	03/14	/2017 2749282
67596-JP-PCT Japan CONTENT POLYMER	BROMINE THE DOW CHEMICAL COMPANY	01/05/2010 2011:546275 01/05/2010 13/139406		/2014 5620406 /2016 9493624
EXTRUDED FOAMS CO ESTERS OF AND A BRO FATTY ACII FLAME RE	POLYMER INTAINING A SUGAR IMINATED D AS A TARDANT THE DOW CHEMICAL			
67871-CA-PCT Canada ADDITIVE	COMPANY	10/15/2009 2742264	2742264 09/27	/2016 2742264

	EXTRUDED POLYMER FOAMS CONTAINING ESTERS OF A SUGAR AND A BROMINATED FATTY ACID AS A				
67871-CN-PCT China	FLAME RETARDANT ADDITIVE	THE DOW CHEMICAL COMPANY	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	THE DOW CHEMICAL COMPANY	10/15/2009 09741533.5	2387578	06/11/2014 602009024614.3
	EXTRUDED POLYMER FOAMS CONTAINING				
	ESTERS OF A SUGAR				
	AND A BROMINATED				
	FATTY ACID AS A FLAME RETARDANT	THE DOW CHEMICAL			
67871-ES-EPT Spain	ADDITIVE	COMPANY	10/15/2009 09741533.5	2387578	06/11/2014 2387578
	EXTRUDED POLYMER				
	FOAMS CONTAINING				
	ESTERS OF A SUGAR				
	AND A BROMINATED FATTY ACID AS A				
	FLAME RETARDANT	THE DOW CHEMICAL			
67871-FR-EPT France	ADDITIVE	COMPANY	10/15/2009 09741533.5	2387578	06/11/2014 2387578
	EXTRUDED POLYMER				
	FOAMS CONTAINING				
	ESTERS OF A SUGAR AND A BROMINATED				
	FATTY ACID AS A				
	FLAME RETARDANT	THE DOW CHEMICAL			
67871-GB-EPT United Kingdom	ADDITIVE	COMPANY	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	THE DOW CHEMICAL COMPANY	10/15/2009 212520		10/01/2015 212520
	EXTRUDED POLYMER FOAMS CONTAINING ESTERS OF A SUGAR AND A BROMINATED FATTY ACID AS A FLAME RETARDANT	THE DOW CHEMICAL			
67871-IN-PCT India	ADDITIVE	COMPANY	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		10/15/2009 09741533.5	2387578	06/11/2014 2387578

67871-JP-PCT Japan	EXTRUDED POLYMER FOAMS CONTAINING ESTERS OF A SUGAR AND A BROMINATED FATTY ACID AS A FLAME RETARDANT ADDITIVE	THE DOW CHEMICAL COMPANY	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	THE DOW CHEMICAL COMPANY	10/15/2009 09741533.5	2387578	06/11/2014 2387578
United States Of	EXTRUDED POLYMER FOAMS CONTAINING ESTERS OF A SUGAR AND A BROMINATED FATTY ACID AS A FLAME RETARDANT	THE DOW CHEMICAL			
67871-US-PCT America 68046-CA-PCT Canada	ADDITIVE INFRARED ATTENUATED POLYMERIC FOAM INSULATION WITH FLAME RETARDANT PERFORMANCE INFRARED ATTENUATED	THE DOW CHEMICAL COMPANY	10/15/2009 13/125001 06/01/2010 2761163	2011-0313068	05/28/2013 8450383 09/05/2017 2761163
68046-CN-PCT China	POLYMERIC FOAM INSULATION WITH FLAME RETARDANT PERFORMANCE INFRARED ATTENUATED POLYMERIC FOAM INSULATION WITH FLAME RETARDANT	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	06/01/2010 201080024313.0	102459437	03/26/2014 201080024313.0
68046-DE-EPT Germany European 68046-EP-EPT Procedure (Patents)	PERFORMANCE INFRARED ATTENUATED POLYMERIC FOAM INSULATION WITH FLAME RETARDANT	THE DOW CHEMICAL COMPANY	06/01/2010 10722498.2 06/01/2010 10722498.2	2438111 2438111	01/17/2018 602010048103.4 01/17/2018 2438111
68046-ES-EPT Spain	INFRARED ATTENUATED POLYMERIC FOAM INSULATION WITH FLAME RETARDANT PERFORMANCE INFRARED ATTENUATED	THE DOW CHEMICAL COMPANY	06/01/2010 10722498.2	2438111	01/17/2018 2438111
68046-FR-EPT France 68046-GB-EPT United Kingdom	POLYMERIC FOAM INSULATION WITH FLAME RETARDANT PERFORMANCE INFRARED ATTENUATED POLYMERIC FOAM INSULATION WITH FLAME RETARDANT PERFORMANCE	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	06/01/2010 10722498.2 06/01/2010 10722498.2	2438111 2438111	01/17/2018 2438111 01/17/2018 2438111

		INFRARED ATTENUATED					
		POLYMERIC FOAM INSULATION WITH	THE DOWN CHEMICAL				
68046-IT-EPT	Italy	FLAME RETARDANT PERFORMANCE	THE DOW CHEMICAL COMPANY	06/01/2010	10722498.2	2438111	01/17/2018 50201800000963
68046-JP-PCT	Japan	INFRARED ATTENUATED POLYMERIC FOAM INSULATION WITH FLAME RETARDANT PERFORMANCE INFRARED	THE DOW CHEMICAL COMPANY		2012-514027	2012-528921	07/31/2015 5785159
		ATTENUATED POLYMERIC FOAM INSULATION WITH					
		FLAME RETARDANT	THE DOW CHEMICAL				
68046-NL-EPT	Netherlands	PERFORMANCE	COMPANY	06/01/2010	10722498.2	2438111	01/17/2018 2438111
68047-CA:NP	Canada United States Of	METHOD FOR SEALING FLASHING JOINTS BELOW FLASHING METHOD FOR SEALING FLASHING JOINTS BELOW	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	05/30/2011	2741274		03/13/2018 2741274
68047-US-NP	America	FLASHING	COMPANY	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 PROCESS FOR BROMINATING UNSATURATED ORGANIC COMPOUNDS WITH REMOVAL OF QUATERNARY AMMONIUM OR QUATERNARY PHOSPHONIUM	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	02/02/2010	201080015111.X	102378769	06/12/2013 201080015111 X
68050-DE-EPT	Germany France	MONOCHLORIDES PROCESS FOR BROMINATING UNSATURATED ORGANIC COMPOUNDS WITH REMOVAL OF QUATERNARY AMMONIUM OR QUATERNARY PHOSPHONIUM MONOCHLORIDES PROCESS FOR BROMINATING UNSATURATED ORGANIC COMPOUNDS WITH REMOVAL OF QUATERNARY AMMONIUM OR QUATERNARY PHOSPHONIUM NONOCHLORIDES	THE DOW CHEMICAL	02/02/2010	10703736,8	2414403	04/30/2014 2414403
68050-GB-EPT	United Kingdom	MONOCHLORIDES	COMPANY	02/02/2010	10703736.8	2414403	04/30/2014 2414403

	PROCESS FOR BROMINATING UNSATURATED ORGANIC COMPOUNDS WITH REMOVAL OF QUATERNARY AMMONIUM OR QUATERNARY PHOSPHONIUM MONOCHLORIDES PROCESS FOR BROMINATING UNSATURATED ORGANIC COMPOUNDS WITH REMOVAL OF QUATERNARY AMMONIUM OR	THE DOW CHEMICAL COMPANY	02/02/2010	215380	215380	04/01/2015 215380
	QUATERNARY PHOSPHONIUM	THE DOW CHEMICAL				
68050-IN-PCT India	MONOCHLORIDES	COMPANY	02/02/2010	7081/CHENP/2011	7081/CHENP/2	08/10/2018 299861
	PROCESS FOR BROMINATING UNSATURATED ORGANIC COMPOUNDS WITH REMOVAL OF QUATERNARY AMMONIUM OR QUATERNARY PHOSPHONIUM MONOCHLORIDES PROCESS FOR BROMINATING UNSATURATED ORGANIC COMPOUNDS WITH REMOVAL OF QUATERNARY AMMONIUM OR QUATERNARY PHOSPHONIUM	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL		2012-503437	2012-522101	08/15/2014 5596780
68050-NL-EPT Netherlands	MONOCHLORIDES	COMPANY	02/02/2010	10703736.8	2414403	04/30/2014 2414403
United States Of 68050-US-PCT America	PROCESS FOR BROMINATING UNSATURATED ORGANIC COMPOUNDS WITH REMOVAL OF QUATERNARY AMMONIUM OR QUATERNARY PHOSPHONIUM MONOCHLORIDES THICK DIMENSIONALLY	THE DOW CHEMICAL COMPANY	02/02/2010	13/257999	2012-0016088	04/29/2014 8710155
68325-CN-PCT China	STABLE INFRARED ABSORBING FOAM	THE DOW CHEMICAL COMPANY	07/27/2010	201080034301.6	102470573	11/05/2014 201080034301.6
European 68325-EP-EPT Procedure (Patents)	THICK DIMENSIONALLY STABLE INFRARED ABSORBING FOAM THICK DIMENSIONALLY STABLE INFRARED	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	07/27/2010	10742343.6	2461956	
68325-JP-PCT Japan	ABSORBING FOAM MONOMODAL EXTRUDED	COMPANY THE DOW CHEMICAL	07/27/2010	2012-523644	2013-500891	05/13/2016 5932645
68326-CA-PCT Canada	POLYSTYRENE FOAM		07/28/2010	2772047		04/04/2017 2772047

	MONOMODAL	THE BOWLEHEARCAL			
	EXTRUDED POLYSTYRENE FOAM	THE DOW CHEMICAL	07/28/2010 201080038280.5	102482444	09/25/2013 201080038280.5
55525 5 5			07,20,2010 201000000000		05,20,2010 201000002000
	MONOMODAL				
	EXTRUDED POLYSTYRENE FOAM	THE DOW CHEMICAL	07/28/2010 10740800.7	2470590	08/23/2017 602010044626.3
D6320-DC-CF C Sermany	1 OCISI MENE I OAM	COMICANT	07/28/2010 10740800.7	2470330	UG/23/2017 UU2010044020.3
	MONOMODAL				
	EXTRUDED POLYSTYRENE FOAM	THE DOW CHEMICAL COMPANY	07/20/2010 10740000 7	2470500	00/22/2017 2470500
DOSZO-FR-EFT FIGURE	FOLIST TREINE FOAIN	COMPANT	07/28/2010 10740800.7	2470590	08/23/2017 2470590
	MONOMODAL				
	EXTRUDED	THE DOW CHEMICAL	07/20/2010 40740000 7	2470500	00/22/20/7 2170580
68326-GB-EPT United Kingdom	POLYSTYRENE FOAM	COMPANY	07/28/2010 10740800.7	2470590	08/23/2017 2470590
	MONOMODAL				
	EXTRUDED	THE DOW CHEMICAL			
	POLYSTYRENE FOAM PERFORATED	COMPANY	07/28/2010 2012-526793	2013-503241	10/10/2014 5628919
	LAMINATED				
	POLYMERIC FOAM	THE DOW CHEMICAL			
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	ARTICLES	COMPANY	09/03/2010 201080042787.8	102548734	11/12/2014 201080042787.8
	PERFORATED LAMINATED				
	POLYMERIC FOAM	THE DOW CHEMICAL			
	ARTICLES	COMPANY	09/03/2010 10752976.0	2480397	02/26/2014 602010013786.4
	PERFORATED LAMINATED				
	POLYMERIC FOAM	THE DOW CHEMICAL			
68506-ES-EPT Spain	ARTICLES	COMPANY	09/03/2010 10752976.0	2480397	02/26/2014 2480397
	PERFORATED				
	LAMINATED POLYMERIC FOAM	THE DOW CHEMICAL			
	ARTICLES	COMPANY	09/03/2010 10752976.0	2480397	02/26/2014 2480397
	PERFORATED				
	LAMINATED POLYMERIC FOAM	THE DOW CHEMICAL			
	ARTICLES	COMPANY	09/03/2010 10752976.0	2480397	02/26/2014 2480397
	PERFORATED				
	LAMINATED POLYMERIC FOAM	THE DOW CHEMICAL			
	ARTICLES	COMPANY	09/03/2010 10752976.0	2480397	02/26/2014 2480397
722000000000000000000000000000000000000	PERFORATED				
	LAMINATED POLYMERIC FOAM	THE DOW CHEMICAL			
	ARTICLES	COMPANY	09/03/2010 2012-530912	2013-505858	12/26/2014 5671043
	PERFORATED				
	LAMINATED	THE BOW CHENNESS			
	POLYMERIC FOAM ARTICLES	THE DOW CHEMICAL COMPANY	09/03/2010 10752976.0	2480397	02/26/2014 2480397
	PERFORATED				
***************************************	LAMINATED POLYMERIC FOAM	THE DOWN CHEMICAL			
	ARTICLES	THE DOW CHEMICAL COMPANY	09/03/2010 12/875539	2011-0076446	12/13/2011 8075989
***************************************	LAMINATED FOAMS				
	WITH MATING				
	PEAKS AND GROOVES	THE DOW CHEMICAL COMPANY	04/20/2011 2797669		06/12/2018 2797669
	LAMINATED FOAMS		0,720,2022 2737003		05,12,2010 2757005
	WITH MATING	404 BAN SISS			
	PEAKS AND GROOVES	THE DOW CHEMICAL COMPANY	04/20/2011 201180021713.0	102869497	06/24/2015 201180021713.0
***************************************	LAMINATED FOAMS	Secretal CMAT	O-MEDICOLL COLLDWGELLENG	1020037937	
	WITH MATING				
	PEAKS AND	THE DOW CHEMICAL	04/20/2014 11747424 0	3563500	07/20/2014 0020440007200
	GROOVES LAMINATED FOAMS	COMPANY	04/20/2011 11717134.8	2563588	07/30/2014 602011008736.3
	WITH MATING				
	PEAKS AND	THE DOW CHEMICAL	6. / lan / l		
68526-ES-EPT Spain	GROOVES	COMPANY	04/20/2011 11717134.8	2563588	07/30/2014 2563588

	LAMINATED FOAMS WITH MATING					
	PEAKS AND	THE DOW CHEMICAL				
68526-FR-EPT France	GROOVES	COMPANY	04/20/2011 1171	7134.8	2563588	07/30/2014 2563588
	LAMINATED FOAMS					
	WITH MATING	THE BOW SHELLISA				
COCIC CO COT . United Visedom	PEAKS AND	THE DOW CHEMICAL	04/20/2011 1171	7124.0	3563500	A7/2A/2A/4 3FC2F00
68526-GB-EPT United Kingdom	GROOVES  LAMINATED FOAMS	COMPANY	04/20/2011 1171	/134.6	2563588	07/30/2014 2563588
	WITH MATING					
	PEAKS AND	THE DOW CHEMICAL				
68526-IT-EPT Italy	GROOVES	COMPANY	04/20/2011 1171	7134.8	2563588	07/30/2014 2563588
	LAMINATED FOAMS					
	WITH MATING					
68526-IP-PCT Japan	PEAKS AND GROOVES	THE DOW CHEMICAL COMPANY	04/20/2011 2013	ENOUSE	2013-525158	04/17/2015 5731634
Jobaco Jopan	LAMINATED FOAMS	SOM AN	04/20/2011 2013		2013-325156	WHF17F2W13-3731034
	WITH MATING					
	PEAKS AND	THE DOW CHEMICAL				
68526-TR-EPT Turkey	GROOVES	COMPANY	04/20/2011 1171	7134.8	2563588	07/30/2014 2563588
	LAMINATED FOAMS					
United States Of	WITH MATING PEAKS AND	THE DOW CHEMICAL				
68526-US-PCT America	GROOVES	COMPANY	04/20/2011 13/6	36714		12/03/2013 8597768
	BROMINATED AND					.+-//
	EPOXIDIZED FLAME	THE DOW CHEMICAL				
68576-CA-PCT Canada	RETARDANTS	COMPANY	06/18/2010 2766	398		01/17/2017 2766398
	BROMINATED AND					
68576-CN-PCT China	EPOXIDIZED FLAME RETARDANTS	THE DOW CHEMICAL COMPANY	06/18/2010 2010	18003066E E	102471207	11/06/2013 201080029665.5
68576-CN-PCT China	BROMINATED AND	CONFAIN	00/10/2010 2010	100023003.3	102471397	TT\00\5012 \501090053003.3
European	EPOXIDIZED FLAME	THE DOW CHEMICAL				
68576-EP-EPT Procedure (Patent	RETARDANTS	COMPANY	06/18/2010 1074	0776.9	2448975	
	BROMINATED AND					
	EPOXIDIZED FLAME	THE DOW CHEMICAL				
68576-IN-PCT India	RETARDANTS BROMINATED AND	COMPANY	06/18/2010 9960	//CHENP/2011	9960/CHENP/201	.1
	EPOXIDIZED FLAME	THE DOW CHEMICAL				
68576-JP-PCD Japan	RETARDANTS	COMPANY	08/06/2015 2015	-157351	2016-026243	08/04/2017 6185519
	BROMINATED AND					
	EPOXIDIZED FLAME	THE DOW CHEMICAL				
68576-RU-PCT Russian Federation		COMPANY	06/18/2010 2012	103018		08/12/2014 2530021
United States Of	BROMINATED AND EPOXIDIZED FLAME	THE DOW CHEMICAL				
68576-US-NP America	RETARDANTS	COMPANY	06/29/2010 12/8	25591	2010-0331497	10/29/2013 8569424
	STYRENE-					
	ACRYLONITRILE					
	COPOLYMER FOAM					
68577-CA-PCT Canada	WITH MINIMAL YELLOWING	THE DOW CHEMICAL COMPANY	05/04/2011 2796	733		07/24/2010 3706732
68577-CA-PCT Canada	STYRENE-	CONTRACT	03/04/2011 2/30	nee		07/31/2018 2796733
	ACRYLONITRILE					
	COPOLYMER FOAM					
	WITH MINIMAL	THE DOW CHEMICAL				
68577-DE-EPT Germany	YELLOWING	COMPANY	05/04/2011 1177	'6269.0	2569083	01/21/2015 602011013394.2
	STYRENE- ACRYLONITRILE					
	COPOLYMER FOAM					
	WITH MINIMAL	THE DOW CHEMICAL				
68577-FR-EPT France	YELLOWING	COMPANY	05/04/2011 1177	6269.0	2569083	01/21/2015 2569083
	STYRENE-					
	ACRYLONITRILE COPOLYMER FOAM					
	WITH MINIMAL	THE DOW CHEMICAL				
68577-GB-EPT United Kingdom	YELLOWING	COMPANY	05/04/2011 1177	'6269.0	2569083	01/21/2015 2569083
)	STYRENE-					
	ACRYLONITRILE					
	COPOLYMER FOAM	THE POINT CHECK				
69577 ID DCT   12022	WITH MINIMAL YELLOWING	THE DOW CHEMICAL COMPANY	0E/04/2014 2012	. 61016E	2012 526624	06/07/2017 6151624
68577-JP-PCT Japan	+CECO#VINO	CONFM#1	05/04/2011 2013	i->±0±03	2013-526634	06/02/2017 6151638

	STYRENE- ACRYLONITRILE				
	COPOLYMER FOAM				
COSTA NU EDT. Noth onloyed	WITH MINIMAL	THE DOW CHEMICAL	05/04/2011 11776260 0	2500003	01/21/2015 25:0002
68577-NL-EPT Netherlands	YELLOWING STYRENE-	COMPANY	05/04/2011 11776269.0	2569083	01/21/2015 2569083
	ACRYLONITRILE				
	COPOLYMER FOAM				
United States Of	WITH MINIMAL	THE DOW CHEMICAL			
68577-US-PCT America	YELLOWING	COMPANY	05/04/2011 13/640058	2013-0053466	06/09/2015 9051438
	EXTRUDED				
	POLYSTYRENE FOAM WITH BROAD				
	COMONOMER				
	CONTENT	THE DOW CHEMICAL			
69014-CA-PCT Canada	DISTRIBUTION	COMPANY	09/08/2010 2773828		09/17/2017 2773828
	EXTRUDED				
	POLYSTYRENE FOAM				
	WITH BROAD				
	COMONOMER CONTENT	THE DOW CHEMICAL			
69014-CN-PCT China	DISTRIBUTION	COMPANY	09/08/2010 201080043820.9	102575041	02/16/2014 201080043820.9
	EXTRUDED				
	POLYSTYRENE FOAM				
	WITH BROAD				
	COMONOMER				
COOLA DE EDT. Commons	CONTENT DISTRIBUTION	THE DOW CHEMICAL	00/08/2010 10754628 5	2490090	04/13/2016 (03010033359.0
69014-DE-EPT Germany	EXTRUDED	COMPANY	09/08/2010 10754628.5	2486086	04/13/2016 602010032258.0
	POLYSTYRENE FOAM				
	WITH BROAD				
	COMONOMER				
	CONTENT	THE DOW CHEMICAL			
69014-ES-EPT Spain	DISTRIBUTION EXTRUDED	COMPANY	09/08/2010 10754628.5	2486086	04/13/2016 2486086
	POLYSTYRENE FOAM				
	WITH BROAD				
	COMONOMER				
	CONTENT	THE DOW CHEMICAL			
69014-FR-EPT France	DISTRIBUTION	COMPANY	09/08/2010 10754628.5	2486086	04/13/2016 2486086
	EXTRUDED POLYSTYRENE FOAM				
	WITH BROAD				
	COMONOMER				
	CONTENT	THE DOW CHEMICAL			
69014-GB-EPT United Kingdom	DISTRIBUTION	COMPANY	09/08/2010 10754628.5	2486086	04/13/2016 2486086
	EXTRUDED POLYSTYRENE FOAM				
	WITH BROAD				
	COMONOMER				
	CONTENT	THE DOW CHEMICAL			
69014-GR-EPT Greece	DISTRIBUTION	COMPANY	09/08/2010 10754628.5	2486086	04/13/2016 3089396
	EXTRUDED				
	POLYSTYRENE FOAM WITH BROAD				
	COMONOMER				
	CONTENT	THE DOW CHEMICAL			
69014-IT-EPT Italy	DISTRIBUTION	COMPANY	09/08/2010 10754628.5	2486086	04/13/2016 50201600006219
	EXTRUDED				
	POLYSTYRENE FOAM WITH BROAD				
	COMONOMER				
	CONTENT	THE DOW CHEMICAL			
69014-JP-PCT Japan	DISTRIBUTION	COMPANY	09/08/2010 2012-533186	2013-506748	05/15/2015 5746190
	EXTRUDED				
	POLYSTYRENE FOAM				
	WITH BROAD COMONOMER				
	CONTENT	THE DOW CHEMICAL			
69014-NL-EPT Netherlands	DISTRIBUTION	COMPANY	09/08/2010 10754628.5	2486086	04/13/2016 2486086

	EXTRUDED				
	POLYSTYRENE FOAM				
	WITH BROAD				
	COMONOMER CONTENT	THE DOW CHEMICAL			
69014-TR-EPT Turkey	DISTRIBUTION	COMPANY	09/08/2010 10754628.5	2486086	04/13/2016 2486086
33321111211	EXTRUDED				
	POLYSTYRENE FOAM				
	WITH BROAD				
Halted States Of	COMONOMER	THE DOWN CHEMNON			
United States Of 69014-US-NP America	CONTENT DISTRIBUTION	THE DOW CHEMICAL COMPANY	09/08/2010 12/877166	2011-008222	3 09/18/2012 8268904
	PROFESSIONAL		57, 55, 55, 55, 55, 55, 55, 55, 55, 55,		
	GRADE ONE				
	COMPONENT				
	POLYURETHANE				
	FOAM WITH NON- LIQUEFIED INERT	THE DOW CHEMICAL			
69192-BE-EPT Belgium	PROPELLANT	COMPANY	03/17/2011 11710382.0	2552988	03/11/2015 2552988
USISE DE EL T. DEIGIANI	PROFESSIONAL		03/17/2011 11710302.0	232300	33,11,2013 2332300
	GRADE ONE				
	COMPONENT				
	POLYURETHANE				
	FOAM WITH NON- LIQUEFIED INERT	THE DOW CHEMICAL			
69192-CN-PCT China	PROPELLANT	COMPANY	03/17/2011 201180017211.0	1082834427	02/04/2015 201180017211.0
	PROFESSIONAL				
	GRADE ONE				
	COMPONENT				
	POLYURETHANE FOAM WITH NON-				
	LIQUEFIED INERT	THE DOW CHEMICAL			
69192-DE-EPT Germany	PROPELLANT	COMPANY	03/17/2011 11710382.0	2552988	03/11/2015 602011014578.9
	PROFESSIONAL				
	GRADE ONE				
	COMPONENT POLYURETHANE				
	FOAM WITH NON-				
	LIQUEFIED INERT	THE DOW CHEMICAL			
69192-ES-EPT Spain	PROPELLANT	COMPANY	03/17/2011 11710382.0	2552988	03/11/2015 2552988
	PROFESSIONAL				
	GRADE ONE COMPONENT				
	POLYURETHANE				
	FOAM WITH NON-				
	LIQUEFIED INERT	THE DOW CHEMICAL			
69192-FR-EPT France	PROPELLANT	COMPANY	03/17/2011 11710382.0	2552988	03/11/2015 2552988
	PROFESSIONAL GRADE ONE				
	COMPONENT				
	POLYURETHANE				
	FOAM WITH NON-				
	LIQUEFIED INERT	THE DOW CHEMICAL	024242044 44240202 0	*******	24////2015 2552000
69192-GB-EPT United Kingdom	PROPELLANT PROFESSIONAL	COMPANY	03/17/2011 11710382.0	2552988	03/11/2015 2552988
	GRADE ONE				
	COMPONENT				
	POLYURETHANE				
	FOAM WITH NON-	THE BOWLEHERMEN			
69192-IT-EPT Italy	LIQUEFIED INERT PROPELLANT	THE DOW CHEMICAL COMPANY	03/17/2011 11710382.0	2552988	03/11/2015 2552988
33.252 ii Li i 100iy	PROFESSIONAL		55/17/2011 11/10502.0	2332300	55/11/2013 2332300
	GRADE ONE				
	COMPONENT				
	POLYURETHANE				
	FOAM WITH NON- LIQUEFIED INERT	THE DOW CHEMICAL			
69192-NL-EPT Netherlands	PROPELLANT	COMPANY	03/17/2011 11710382.0	2552988	03/11/2015 2552988

	BBOEFCCIONIAI	*******************************			
	PROFESSIONAL GRADE ONE				
	COMPONENT				
	POLYURETHANE				
	FOAM WITH NON-				
COACO TO FOT Toules.	LIQUEFIED INERT	THE DOW CHEMICAL	02/47/2044 44740202 0	2552000	02/44/2045 2552000
69192-TR-EPT Turkey	PROPELLANT PROCESS FOR	COMPANY	03/17/2011 11710382.0	2552988	03/11/2015 2552988
	BROMINATING				
European	BUTADIENE	THE DOW CHEMICAL			
69221-EP-EPT Procedure (Patents	) POLYMERS	COMPANY	05/26/2011 11725261.9	2580250	
	PROCESS FOR				
	BROMINATING BUTADIENE	THE DOW CHEMICAL			
69221-IN-PCT India	POLYMERS	COMPANY	05/26/2011 171/CHENP/2013	171/CHENP/2013	
	PROCESS FOR		,,		
	BROMINATING				
	BUTADIENE	THE DOW CHEMICAL			
69221-JP-PCT Japan	POLYMERS INORGANIC	COMPANY	05/26/2011 2013-515358	2013-528691	07/17/2015 5778766
	NANOPOROUS				
	PARTICLES WITH				
	WATER DISPERSIBLE				
	POLYURETHANE	THE DOW CHEMICAL			
69225-CN-PCT China	BINDER INORGANIC	COMPANY	06/30/2010 201080067861.1	102985470	04/29/2015 201080067861.1
	NANOPOROUS				
	PARTICLES WITH				
	WATER DISPERSIBLE				
	POLYURETHANE	THE DOW CHEMICAL			
69225-DE-EPT Germany	BINDER INORGANIC	COMPANY	06/30/2010 10853889,3	2588517	09/02/2015 602010027284.2
	NANOPOROUS				
	PARTICLES WITH				
	WATER DISPERSIBLE				
	POLYURETHANE	THE DOW CHEMICAL			
69225-ES-EPT Spain	BINDER INORGANIC	COMPANY	06/30/2010 10853889.3	2588517	09/02/2015 2588517
69225-ES-EPT Spain	BINDER INORGANIC NANOPOROUS	COMPANY	06/30/2010 10853889.3	2588517	09/02/2015 2588517
69225-ES-EPT Spain	INORGANIC	COMPANY	06/30/2010 10853889.3	2588517	09/02/2015 2588517
69225-ES-EPT Spain	INORGANIC NANOPOROUS PARTICLES WITH WATER DISPERSIBLE		06/30/2010 10853889.3	2588517	09/02/2015 2588517
	INORGANIC NANOPOROUS PARTICLES WITH WATER DISPERSIBLE POLYURETHANE	THE DOW CHEMICAL			
69225-ES-EPT Spain 69225-FR-EPT France	INORGANIC NANOPOROUS PARTICLES WITH WATER DISPERSIBLE		06/30/2010 10853889.3 06/30/2010 10853889.3		09/02/2015 2588517 09/02/2015 2588517
	INORGANIC NANOPOROUS PARTICLES WITH WATER DISPERSIBLE POLYURETHANE BINDER	THE DOW CHEMICAL			
	INORGANIC NANOPOROUS PARTICLES WITH WATER DISPERSIBLE POLYURETHANE BINDER INORGANIC NANOPOROUS PARTICLES WITH	THE DOW CHEMICAL			
	INORGANIC NANOPOROUS PARTICLES WITH WATER DISPERSIBLE POLYURETHANE BINDER INORGANIC NANOPOROUS PARTICLES WITH WATER DISPERSIBLE	THE DOW CHEMICAL COMPANY			
69225-FR-EPT France	INORGANIC NANOPOROUS PARTICLES WITH WATER DISPERSIBLE POLYURETHANE BINDER INORGANIC NANOPOROUS PARTICLES WITH	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	06/30/2010 10853889.3	2588517	09/02/2015 2588517
	INORGANIC NANOPOROUS PARTICLES WITH WATER DISPERSIBLE POLYURETHANE BINDER INORGANIC NANOPOROUS PARTICLES WITH WATER DISPERSIBLE POLYURETHANE	THE DOW CHEMICAL COMPANY		2588517	
69225-FR-EPT France	INORGANIC NANOPOROUS PARTICLES WITH WATER DISPERSIBLE POLYURETHANE BINDER INORGANIC NANOPOROUS PARTICLES WITH WATER DISPERSIBLE POLYURETHANE BINDER INORGANIC NANOPOROUS	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	06/30/2010 10853889.3	2588517	09/02/2015 2588517
69225-FR-EPT France	INORGANIC NANOPOROUS PARTICLES WITH WATER DISPERSIBLE POLYURETHANE BINDER INORGANIC NANOPOROUS PARTICLES WITH WATER DISPERSIBLE POLYURETHANE BINDER INORGANIC NANOPOROUS PARTICLES WITH	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	06/30/2010 10853889.3	2588517	09/02/2015 2588517
69225-FR-EPT France	INORGANIC NANOPOROUS PARTICLES WITH WATER DISPERSIBLE POLYURETHANE BINDER INORGANIC NANOPOROUS PARTICLES WITH WATER DISPERSIBLE POLYURETHANE BINDER INORGANIC NANOPOROUS PARTICLES WITH WATER DISPERSIBLE	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	06/30/2010 10853889.3	2588517	09/02/2015 2588517
69225-FR-EPT France	INORGANIC NANOPOROUS PARTICLES WITH WATER DISPERSIBLE POLYURETHANE BINDER INORGANIC NANOPOROUS PARTICLES WITH WATER DISPERSIBLE POLYURETHANE BINDER INORGANIC NANOPOROUS PARTICLES WITH	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	06/30/2010 10853889.3	2588517 2588517	09/02/2015 2588517
69225-FR-EPT France  69225-GB-EPT United Kingdom	INORGANIC NANOPOROUS PARTICLES WITH WATER DISPERSIBLE POLYURETHANE BINDER INORGANIC NANOPOROUS PARTICLES WITH WATER DISPERSIBLE POLYURETHANE BINDER INORGANIC NANOPOROUS PARTICLES WITH WATER DISPERSIBLE POLYURETHANE BINDER INORGANIC BINDER INORGANIC	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL	06/30/2010 10853889.3 06/30/2010 10853889.3	2588517 2588517	09/02/2015 2588517 09/02/2015 2588517
69225-FR-EPT France  69225-GB-EPT United Kingdom	INORGANIC NANOPOROUS PARTICLES WITH WATER DISPERSIBLE POLYURETHANE BINDER INORGANIC NANOPOROUS PARTICLES WITH WATER DISPERSIBLE POLYURETHANE BINDER INORGANIC NANOPOROUS PARTICLES WITH WATER DISPERSIBLE POLYURETHANE BINDER INORGANIC NANOPOROUS BINDER INORGANIC NANOPOROUS	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL	06/30/2010 10853889.3 06/30/2010 10853889.3	2588517 2588517	09/02/2015 2588517 09/02/2015 2588517
69225-FR-EPT France  69225-GB-EPT United Kingdom	INORGANIC NANOPOROUS PARTICLES WITH WATER DISPERSIBLE POLYURETHANE BINDER INORGANIC NANOPOROUS PARTICLES WITH WATER DISPERSIBLE POLYURETHANE BINDER INORGANIC NANOPOROUS PARTICLES WITH WATER DISPERSIBLE POLYURETHANE BINDER INORGANIC NANOPOROUS BINDER INORGANIC NANOPOROUS PARTICLES WITH	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL	06/30/2010 10853889.3 06/30/2010 10853889.3	2588517 2588517	09/02/2015 2588517 09/02/2015 2588517
69225-FR-EPT France  69225-GB-EPT United Kingdom	INORGANIC NANOPOROUS PARTICLES WITH WATER DISPERSIBLE POLYURETHANE BINDER INORGANIC NANOPOROUS PARTICLES WITH WATER DISPERSIBLE POLYURETHANE BINDER INORGANIC NANOPOROUS PARTICLES WITH WATER DISPERSIBLE POLYURETHANE BINDER INORGANIC NANOPOROUS PARTICLES WITH WATER DISPERSIBLE INORGANIC NANOPOROUS PARTICLES WITH WATER DISPERSIBLE	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	06/30/2010 10853889.3 06/30/2010 10853889.3	2588517 2588517	09/02/2015 2588517 09/02/2015 2588517
69225-FR-EPT France  69225-GB-EPT United Kingdom	INORGANIC NANOPOROUS PARTICLES WITH WATER DISPERSIBLE POLYURETHANE BINDER INORGANIC NANOPOROUS PARTICLES WITH WATER DISPERSIBLE POLYURETHANE BINDER INORGANIC NANOPOROUS PARTICLES WITH WATER DISPERSIBLE POLYURETHANE BINDER INORGANIC NANOPOROUS BINDER INORGANIC NANOPOROUS PARTICLES WITH	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL	06/30/2010 10853889.3 06/30/2010 10853889.3	2588517 2588517 2588517	09/02/2015 2588517 09/02/2015 2588517
69225-FR-EPT France  69225-GB-EPT United Kingdom  69225-IT-EPT Italy	INORGANIC NANOPOROUS PARTICLES WITH WATER DISPERSIBLE POLYURETHANE BINDER INORGANIC	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	06/30/2010 10853889.3 06/30/2010 10853889.3 06/30/2010 10853889.3	2588517 2588517 2588517	09/02/2015 2588517 09/02/2015 2588517 09/02/2015 50201500007788
69225-FR-EPT France  69225-GB-EPT United Kingdom  69225-IT-EPT Italy	INORGANIC NANOPOROUS PARTICLES WITH WATER DISPERSIBLE POLYURETHANE BINDER INORGANIC BINDER INORGANIC NANOPOROUS	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	06/30/2010 10853889.3 06/30/2010 10853889.3 06/30/2010 10853889.3	2588517 2588517 2588517	09/02/2015 2588517 09/02/2015 2588517 09/02/2015 50201500007788
69225-FR-EPT France  69225-GB-EPT United Kingdom  69225-IT-EPT Italy	INORGANIC NANOPOROUS PARTICLES WITH WATER DISPERSIBLE POLYURETHANE BINDER INORGANIC NANOPOROUS PARTICLES WITH	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	06/30/2010 10853889.3 06/30/2010 10853889.3 06/30/2010 10853889.3	2588517 2588517 2588517	09/02/2015 2588517 09/02/2015 2588517 09/02/2015 50201500007788
69225-FR-EPT France  69225-GB-EPT United Kingdom  69225-IT-EPT Italy	INORGANIC NANOPOROUS PARTICLES WITH WATER DISPERSIBLE POLYURETHANE BINDER INORGANIC BINDER INORGANIC NANOPOROUS	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	06/30/2010 10853889.3 06/30/2010 10853889.3 06/30/2010 10853889.3	2588517 2588517 2588517	09/02/2015 2588517 09/02/2015 2588517 09/02/2015 50201500007788
69225-FR-EPT France  69225-GB-EPT United Kingdom  69225-IT-EPT Italy	INORGANIC NANOPOROUS PARTICLES WITH WATER DISPERSIBLE POLYURETHANE BINDER	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	06/30/2010 10853889.3 06/30/2010 10853889.3 06/30/2010 10853889.3	2588517 2588517 2588517 2013-534958	09/02/2015 2588517 09/02/2015 2588517 09/02/2015 50201500007788
69225-FR-EPT France  69225-GB-EPT United Kingdom  69225-IT-EPT Italy	INORGANIC NANOPOROUS PARTICLES WITH WATER DISPERSIBLE POLYURETHANE BINDER NANOPOROUS	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	06/30/2010 10853889.3  06/30/2010 10853889.3  06/30/2010 10853889.3	2588517 2588517 2588517 2013-534958	09/02/2015 2588517  09/02/2015 2588517  09/02/2015 50201500007788  07/04/2014 5571851
69225-FR-EPT France  69225-GB-EPT United Kingdom  69225-IT-EPT Italy	INORGANIC NANOPOROUS PARTICLES WITH WATER DISPERSIBLE POLYURETHANE BINDER NANOPOROUS POLYWETHANE BINDER NANOPOROUS POLYMERIC FOAM	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	06/30/2010 10853889.3  06/30/2010 10853889.3  06/30/2010 10853889.3	2588517 2588517 2588517 2013-534958	09/02/2015 2588517  09/02/2015 2588517  09/02/2015 50201500007788  07/04/2014 5571851
69225-FR-EPT France  69225-GB-EPT United Kingdom  69225-IT-EPT Italy	INORGANIC NANOPOROUS PARTICLES WITH WATER DISPERSIBLE POLYURETHANE BINDER NANOPOROUS	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	06/30/2010 10853889.3  06/30/2010 10853889.3  06/30/2010 10853889.3	2588517 2588517 2588517 2013-534958	09/02/2015 2588517  09/02/2015 2588517  09/02/2015 50201500007788  07/04/2014 5571851
69225-FR-EPT France  69225-GB-EPT United Kingdom  69225-IT-EPT Italy	INORGANIC NANOPOROUS PARTICLES WITH WATER DISPERSIBLE POLYURETHANE BINDER NANOPOROUS POLYMERIC FOAM HAVING HIGH CELL	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	06/30/2010 10853889.3  06/30/2010 10853889.3  06/30/2010 10853889.3	2588517 2588517 2588517 2013-534958	09/02/2015 2588517  09/02/2015 2588517  09/02/2015 50201500007788  07/04/2014 5571851

69429-CN-PCT China N N P	IANOPOROUS  OLYMERIC FOAM  IAVING HIGH CELL  DENSITY WITHOUT  IANOPILLER  IANOPOROUS  OLYMERIC FOAM  IAVING HIGH CELL	THE DOW CHEMICAL COMPANY	02/23/2011 201180013100.2	102791783	04/02/2014 201180013100.2
69429-DE-EPT Germany N  P  H  E  69429-FR-EPT France N  P		THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	02/23/2011 11713542.6 02/23/2011 11713542.6	2545110 2545110	11/23/2016 602011032665.1 11/23/2016 2545110
		THE DOW CHEMICAL			
	IANOFILLER	COMPANY	02/23/2011 11713542.6	2545110	11/23/2016 2545110
69429-IN-PCT India N P 69429-IN-PCT India N P	JANOPOROUS  POLYMERIC FOAM  HAVING HIGH CELL  PENSITY WITHOUT  HANOPOROUS  POLYMERIC FOAM  HAVING HIGH CELL	THE DOW CHEMICAL COMPANY	02/23/2011 11/13542.8 02/23/2011 7617/CHENP/2012	7617/CHENP/20	
С	DENSITY WITHOUT	THE DOW CHEMICAL			
	IANOFILLER	COMPANY	02/23/2011 11713542.6	2545110	11/23/2016 50201700001814
	IANOPOROUS POLYMERIC FOAM				
	IAVING HIGH CELL				
C	ENSITY WITHOUT	THE DOW CHEMICAL			
69429-JP-PCT Japan N	IANOFILLER	COMPANY	02/23/2011 2012-557071	2013-522391	11/06/2015 5833580
	NANOPOROUS				
	OLYMERIC FOAM AVING HIGH CELL				
		THE DOW CHEMICAL			
	IANOFILLER	COMPANY	02/23/2011 13/578092	2012-0321873	11/17/2015 9187611
N	MELT				
		THE DOLL CHE NOW			
		THE DOW CHEMICAL	10/12/2011 201190052724.5	102120176	06/19/2016 201190052724 S
	EVOLATILIZATION EXTRUSION PROCESS		10/12/2011 201180052724.5	103189176	05/18/2016 201180052724.5
70112-CN-PCT China E			10/12/2011 201180052724.5	103189176	05/18/2016 201180052724.5
70112-CN-PCT China E N C	XTRUSION PROCESS MELT DEVOLATILIZATION	COMPANY THE DOW CHEMICAL			
70112-CN-PCT China E N C	XTRUSION PROCESS	COMPANY THE DOW CHEMICAL	10/12/2011 201180052724.5 10/12/2011 11773950.8	103189176 2608945	05/18/2016 201180052724.5 01/13/2016 602011022682.7
70112-CN-PCT China E  N C 70112-DE-EPT Germany E	XTRUSION PROCESS MELT DEVOLATILIZATION XTRUSION PROCESS	COMPANY THE DOW CHEMICAL			
70112-CN-PCT China E  N C 70112-DE-EPT Germany E	EXTRUSION PROCESS  WELT DEVOLATILIZATION EXTRUSION PROCESS  WELT	COMPANY THE DOW CHEMICAL			
70112-CN-PCT China E  N C 70112-DE-EPT Germany E	EXTRUSION PROCESS  WELT DEVOLATILIZATION EXTRUSION PROCESS  WELT	COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL			
70112-CN-PCT China E  N C 70112-DE-EPT Germany E  N C 70112-FR-EPT France E	EXTRUSION PROCESS WELT DEVOLATILIZATION EXTRUSION PROCESS WELT DEVOLATILIZATION EXTRUSION PROCESS	COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	10/12/2011 11773950.8	2608945	01/13/2016 602011022682.7
70112-CN-PCT China E	EXTRUSION PROCESS WELT DEVOLATILIZATION EXTRUSION PROCESS WELT DEVOLATILIZATION EXTRUSION PROCESS WELT	COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	10/12/2011 11773950.8	2608945	01/13/2016 602011022682.7
70112-CN-PCT China E  N C 70112-DE-EPT Germany E  N C 70112-FR-EPT France E	EXTRUSION PROCESS WELT DEVOLATILIZATION EXTRUSION PROCESS WELT DEVOLATILIZATION EXTRUSION PROCESS WELT DEVOLATILIZATION	COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	10/12/2011 11773950.8 10/12/2011 11773950.8	2608945 2608945	01/13/2016 602011022682.7 01/13/2016 2608945
70112-CN-PCT China E  N C 70112-DE-EPT Germany E  N C 70112-FR-EPT France E	EXTRUSION PROCESS WELT DEVOLATILIZATION EXTRUSION PROCESS WELT DEVOLATILIZATION EXTRUSION PROCESS WELT	COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	10/12/2011 11773950.8	2608945	01/13/2016 602011022682.7
70112-CN-PCT China E  70112-DE-EPT Germany E  70112-FR-EPT France E  70112-GB-EPT United Kingdom E	EXTRUSION PROCESS WELT DEVOLATILIZATION EXTRUSION PROCESS WELT DEVOLATILIZATION EXTRUSION PROCESS WELT DEVOLATILIZATION	COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	10/12/2011 11773950.8 10/12/2011 11773950.8	2608945 2608945	01/13/2016 602011022682.7 01/13/2016 2608945
70112-CN-PCT China E  70112-DE-EPT Germany E  70112-FR-EPT France E  70112-GB-EPT United Kingdom E	EXTRUSION PROCESS  WELT DEVOLATILIZATION EXTRUSION PROCESS  WELT DEVOLATILIZATION EXTRUSION PROCESS  WELT DEVOLATILIZATION EXTRUSION PROCESS  WELT DEVOLATILIZATION EXTRUSION PROCESS	COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	10/12/2011 11773950.8 10/12/2011 11773950.8 10/12/2011 11773950.8	2608945 2608945	01/13/2016 602011022682.7 01/13/2016 2608945
70112-CN-PCT China E  70112-DE-EPT Germany E  70112-FR-EPT France E  70112-GB-EPT United Kingdom E	EXTRUSION PROCESS WELT DEVOLATILIZATION EXTRUSION PROCESS WELT DEVOLATILIZATION EXTRUSION PROCESS WELT DEVOLATILIZATION EXTRUSION PROCESS WELT DEVOLATILIZATION EXTRUSION PROCESS	COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	10/12/2011 11773950.8 10/12/2011 11773950.8	2608945 2608945	01/13/2016 602011022682.7 01/13/2016 2608945
70112-CN-PCT China E  70112-DE-EPT Germany E  70112-FR-EPT France E  70112-GB-EPT United Kingdom E  70112-IL-PCT Israel E	EXTRUSION PROCESS  WELT DEVOLATILIZATION EXTRUSION PROCESS  WELT DEVOLATILIZATION EXTRUSION PROCESS  WELT DEVOLATILIZATION EXTRUSION PROCESS  WELT DEVOLATILIZATION EXTRUSION PROCESS	COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	10/12/2011 11773950.8 10/12/2011 11773950.8 10/12/2011 11773950.8	2608945 2608945	01/13/2016 602011022682.7 01/13/2016 2608945
70112-CN-PCT China E  70112-DE-EPT Germany E  70112-FR-EPT France E  70112-GB-EPT United Kingdom E  70112-IL-PCT Israel E	EXTRUSION PROCESS WELT DEVOLATILIZATION EXTRUSION PROCESS	COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	10/12/2011 11773950.8 10/12/2011 11773950.8 10/12/2011 11773950.8	2608945 2608945	01/13/2016 602011022682.7 01/13/2016 2608945
70112-CN-PCT China E  70112-DE-EPT Germany E  70112-FR-EPT France E  70112-GB-EPT United Kingdom E  70112-IL-PCT Israel E	EXTRUSION PROCESS WELT DEVOLATILIZATION EXTRUSION PROCESS	COMPANY THE DOW CHEMICAL COMPANY	10/12/2011 11773950.8 10/12/2011 11773950.8 10/12/2011 11773950.8	2608945 2608945	01/13/2016 602011022682.7 01/13/2016 2608945 01/13/2016 2608945
70112-CN-PCT China E  70112-DE-EPT Germany E  70112-FR-EPT France E  70112-GB-EPT United Kingdom E  70112-IL-PCT Israel E  70112-IN-PCT India E	EXTRUSION PROCESS  WELT DEVOLATILIZATION EXTRUSION PROCESS	COMPANY THE DOW CHEMICAL COMPANY	10/12/2011 11773950.8 10/12/2011 11773950.8 10/12/2011 11773950.8 10/12/2011 225898	2608945 2608945 2608945	01/13/2016 602011022682.7 01/13/2016 2608945 01/13/2016 2608945
70112-CN-PCT China E  70112-DE-EPT Germany E  70112-FR-EPT France E  70112-GB-EPT United Kingdom E  70112-IL-PCT Israel E  70112-IN-PCT India E	EXTRUSION PROCESS WELT DEVOLATILIZATION EXTRUSION PROCESS	COMPANY  THE DOW CHEMICAL COMPANY	10/12/2011 11773950.8 10/12/2011 11773950.8 10/12/2011 11773950.8 10/12/2011 225898	2608945 2608945 2608945	01/13/2016 602011022682.7 01/13/2016 2608945 01/13/2016 2608945
70112-CN-PCT China E  70112-DE-EPT Germany E  70112-FR-EPT France E  70112-GB-EPT United Kingdom E  70112-IL-PCT Israel E  70112-IN-PCT India E	EXTRUSION PROCESS WELT DEVOLATILIZATION EXTRUSION PROCESS	COMPANY  THE DOW CHEMICAL COMPANY	10/12/2011 11773950.8 10/12/2011 11773950.8 10/12/2011 11773950.8 10/12/2011 225898 10/12/2011 3957/CHENP/2013	2608945 2608945 2608945 3957/CHENP/20	01/13/2016 602011022682.7 01/13/2016 2608945 01/13/2016 2608945
70112-CN-PCT China E  70112-DE-EPT Germany E  70112-FR-EPT France E  70112-GB-EPT United Kingdom E  70112-IL-PCT Israel E  70112-IN-PCT India E	EXTRUSION PROCESS WELT DEVOLATILIZATION EXTRUSION PROCESS	COMPANY  THE DOW CHEMICAL COMPANY	10/12/2011 11773950.8 10/12/2011 11773950.8 10/12/2011 11773950.8 10/12/2011 225898	2608945 2608945 2608945	01/13/2016 602011022682.7 01/13/2016 2608945 01/13/2016 2608945
70112-CN-PCT China E  70112-DE-EPT Germany E  70112-TR-EPT France E  70112-GB-EPT United Kingdom E  70112-IL-PCT Israel E  70112-IN-PCT India E  70112-JP-PCT Japan E	EXTRUSION PROCESS WELT DEVOLATILIZATION EXTRUSION PROCESS	COMPANY  THE DOW CHEMICAL COMPANY	10/12/2011 11773950.8 10/12/2011 11773950.8 10/12/2011 11773950.8 10/12/2011 225898 10/12/2011 3957/CHENP/2013	2608945 2608945 2608945 3957/CHENP/20	01/13/2016 602011022682.7 01/13/2016 2608945 01/13/2016 2608945
70112-CN-PCT China E  70112-DE-EPT Germany E  70112-FR-EPT France E  70112-GB-EPT United Kingdom E  70112-IL-PCT Israel E  70112-IN-PCT India E  70112-JP-PCT Japan E	EXTRUSION PROCESS WELT DEVOLATILIZATION EXTRUSION PROCESS	COMPANY  THE DOW CHEMICAL COMPANY	10/12/2011 11773950.8 10/12/2011 11773950.8 10/12/2011 11773950.8 10/12/2011 225898 10/12/2011 3957/CHENP/2013	2608945 2608945 2608945 3957/CHENP/20	01/13/2016 602011022682.7 01/13/2016 2608945 01/13/2016 2608945

United States Of 70112-US-PCT America	MELT DEVOLATILIZATION EXTRUSION PROCESS PROCESS FOR BROMINATING BUTADIENE	THE DOW CHEMICAL COMPANY	10/12/2011	13/825885	2013-0285271	01/19/2016 9238723
70269-CN-PCT China 70269-DE-EPT Germany	POLYMERS USING MIXED SOLVENTS PROCESS FOR BROMINATING BUTADIENE POLYMERS USING MIXED SOLVENTS PROCESS FOR BROMINATING	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	09/19/2011 09/19/2011	201180047573.4 11764396.5	103140507 2596030	05/13/2015 201180047573.4 05/14/2014 602011007085.1
	BUTADIENE POLYMERS USING	THE DOW CHEMICAL				
70269-FR-EPT France	MIXED SOLVENTS PROCESS FOR BROMINATING BUTADIENE	COMPANY	09/19/2011	11764396.5	2596030	05/14/2014 2596030
70269-GB-EPT United Kingdom	POLYMERS USING MIXED SOLVENTS	THE DOW CHEMICAL COMPANY	09/19/2011	11764396.5	2596030	05/14/2014 2596030
	PROCESS FOR BROMINATING					
	BUTADIENE POLYMERS USING	THE DOW CHEMICAL				
70269-IL-PCT Israel	MIXED SOLVENTS PROCESS FOR BROMINATING BUTADIENE	COMPANY	09/19/2011	225366		08/30/2017 225366
70269-IN-PCT India	POLYMERS USING MIXED SOLVENTS	THE DOW CHEMICAL COMPANY	09/19/2011	3200/CHENP/2013		
	PROCESS FOR BROMINATING					
	BUTADIENE POLYMERS USING	THE DOW CHEMICAL				
70269-JP-PCT Japan	MIXED SOLVENTS PROCESS FOR	COMPANY	09/19/2011	2013-531640	2013-538919	03/11/2016 5898213
	BROMINATING BUTADIENE					
70269-NL-EPT Netherlands	POLYMERS USING MIXED SOLVENTS PROCESS FOR	THE DOW CHEMICAL COMPANY	09/19/2011	11764396.5	2596030	05/14/2014 2596030
	BROMINATING BUTADIENE					
United States Of 70269-US-PCT America	POLYMERS USING MIXED SOLVENTS	THE DOW CHEMICAL COMPANY	09/19/2011	13/817447		06/23/2015 9062133
	NANOPOROUS PARTICLES IN A	THE BOW SHELLER				
70428-CN-PCT China	HOLLOW LATEX MATRIX	THE DOW CHEMICAL COMPANY	11/15/2010	201080070146.3	103210032	08/13/2014 201080070146.3
	NANOPOROUS PARTICLES IN A	THE DOW CHEMICAL				
70428-DE-EPT Germany	HOLLOW LATEX MATRIX NANOPOROUS	COMPANY	11/15/2010	10859761.8	2616509	01/21/2015 602010022062.1
	PARTICLES IN A HOLLOW LATEX	THE DOW CHEMICAL				
70428-FR-EPT France	MATRIX NANOPOROUS	COMPANY	11/15/2010	10859761.8	2616509	01/21/2015 2616509
	PARTICLES IN A HOLLOW LATEX	THE DOW CHEMICAL				
70428-JP-PCT Japan	MATRIX NANOPOROUS	COMPANY	11/15/2010	2013-539110	2013-543036	05/15/2015 5745083
United States Of 70428-US-PCT America	PARTICLES IN A HOLLOW LATEX MATRIX	THE DOW CHEMICAL COMPANY	11/15/2010	13/879522	2013-0224464	05/16/2017 9650500
70614-CA-PCT Canada	POLYSTYRENE MELT EXTRUSION PROCESS	THE DOW CHEMICAL COMPANY	11/22/2011	2820460		

70614-CN-PCT	China	POLYSTYRENE MELT EXTRUSION PROCESS	THE DOW CHEMICAL COMPANY	11/22/2011 201180060559.8	103261297	07/16/2015 201180060559.8
70614-DE-EPT	Germany	POLYSTYRENE MELT EXTRUSION PROCESS	THE DOW CHEMICAL COMPANY	11/22/2011 11793933.0	2630185	
70614-EP-EPT	European Procedure (Patents)	POLYSTYRENE MELT EXTRUSION PROCESS	THE DOW CHEMICAL COMPANY	11/22/2011 11793933.0	2630185	10/10/2018 2630185
70614-ES-EPT	Spain		THE DOW CHEMICAL	11/22/2011 11793933.0	2630185	
70614-FR-EPT	France	POLYSTYRENE MELT EXTRUSION PROCESS	THE DOW CHEMICAL COMPANY	11/22/2011 11793933.0	2630185	
70614-GB-EPT	United Kingdom	POLYSTYRENE MELT EXTRUSION PROCESS	THE DOW CHEMICAL COMPANY	11/22/2011 11793933.0	2630185	
70614-GR-EPT	Greece	POLYSTYRENE MELT EXTRUSION PROCESS	THE DOW CHEMICAL COMPANY	11/22/2011 11793933 0	2630185	
70614-IL-PCT	Israel	EXTRUSION PROCESS	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	11/22/2011 226862		09/30/2017 226862
70614-IN-PCT	India	EXTRUSION PROCESS		11/22/2011 4511/CHENP/201	3	
70614-IT-EPT	Italy	EXTRUSION PROCESS		11/22/2011 11793933.0	2630185	
70614-JP-PCT	Japan	POLYSTYRENE MELT EXTRUSION PROCESS	THE DOW CHEMICAL COMPANY	11/22/2011 2013-544506	2013-545872	03/04/2016 5894188
70614-NL-EPT	Netherlands	POLYSTYRENE MELT EXTRUSION PROCESS	THE DOW CHEMICAL COMPANY	11/22/2011 11793933.0	2630185	
70614-RU-PCT	Russian Federation	POLYSTYRENE MELT EXTRUSION PROCESS	THE DOW CHEMICAL COMPANY	11/22/2011 2013132970		11/22/2017 2593628
70614-TR-EPT	Turkey	POLYSTYRENE MELT EXTRUSION PROCESS	THE DOW CHEMICAL COMPANY	11/22/2011 11793933.0	2630185	
70614-US-PCT	United States Of America	POLYSTYRENE MELT EXTRUSION PROCESS: HIGH STRENGTH EXTRUDED THERMOPLASTIC	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	11/22/2011 13/990533		12/13/2016 9517579
70644-BR-PCT	Brazil	POLYMER FOAM HIGH STRENGTH	COMPANY	12/14/2011 112013015136.6		
70644-CN-PCT	China	EXTRUDED THERMOPLASTIC POLYMER FOAM HIGH STRENGTH	THE DOW CHEMICAL COMPANY	12/14/2011 201180062967.7	103270094	04/01/2015 201180062967.7
70644-DE-EPT	Germany	EXTRUDED THERMOPLASTIC POLYMER FOAM HIGH STRENGTH	THE DOW CHEMICAL COMPANY	12/14/2011 11808037.3	2627697	09/02/2015 602011019455.0
70644-ES-EPT	Spain	EXTRUDED THERMOPLASTIC POLYMER FOAM	THE DOW CHEMICAL	12/14/2011 11808037.3	2627697	09/02/2015 2627697
HANTA HANTA		HIGH STRENGTH EXTRUDED		***************************************	<del>a Mari Milli</del>	THE PERSON AND THE PARTY.
70644-FR-EPT	France	THERMOPLASTIC POLYMER FOAM HIGH STRENGTH	THE DOW CHEMICAL COMPANY	12/14/2011 11808037.3	2627697	09/02/2015 2627697
70644-GB-EPT	United Kingdom	EXTRUDED THERMOPLASTIC POLYMER FOAM	THE DOW CHEMICAL COMPANY	12/14/2011 11808037 3	2627697	09/02/2015 2627697
		HIGH STRENGTH EXTRUDED				
70644-IN-PCT	India	THERMOPLASTIC POLYMER FOAM	THE DOW CHEMICAL COMPANY	12/14/2011 4842/CHENP/201	3 4842/CHENP/20	113

		HIGH STRENGTH EXTRUDED				
70644-IT-EPT	Italy	THERMOPLASTIC POLYMER FOAM	THE DOW CHEMICAL COMPANY	12/14/2011 11808037.3	2627697	09/02/2015 50201500007790
		HIGH STRENGTH EXTRUDED				
		THERMOPLASTIC	THE DOW CHEMICAL			
70644-KR-PCT	SOUTH KOREA	POLYMER FOAM HIGH STRENGTH	COMPANY	12/14/2011 10-2013-702	0019 10-2014-00175	05/15/2018 10-1859913
		EXTRUDED THERMOPLASTIC	THE DOW CHEMICAL			
70644-NL-EPT	Netherlands	POLYMER FOAM HIGH STRENGTH	COMPANY	12/14/2011 11808037.3	2627697	09/02/2015 2627697
		EXTRUDED				
70644-US-PCT	United States Of America	THERMOPLASTIC POLYMER FOAM	THE DOW CHEMICAL COMPANY	12/14/2011 13/884997	2013-0266766	01/05/2016 9228070
		SLEEVE ACTIVATED				
		COMPRESSED FLUID DISPENSING DEVICE	THE DOW CHEMICAL			
70753-CN-PCT	China	WITH INTERNAL SEAL		02/16/2012 2012800101	35.5 103391817	08/10/2016 201280010135.5
		SLEEVE ACTIVATED COMPRESSED FLUID				
		DISPENSING DEVICE	THE DOW CHEMICAL			
70753-DE-EPT	Germany	WITH INTERNAL SEAL	COMPANY	02/16/2012 12706752.8	2658659	04/29/2015 602012006996.1
		SLEEVE ACTIVATED COMPRESSED FLUID				
70753-ES-EPT	Spain		THE DOW CHEMICAL	02/16/2012 12706752.8	2658659	04/29/2015 2658659
70755 55-61	Span		COMP. TIT	02/10/2012 12/00/32/0	2030033	04/23/2013 2030033
		SLEEVE ACTIVATED COMPRESSED FLUID				
70753-FR-EPT	France	DISPENSING DEVICE WITH INTERNAL SEAL	THE DOW CHEMICAL COMPANY	02/16/2012 12706752.8	2658659	04/29/2015 2658659
		SLEEVE ACTIVATED				
		COMPRESSED FLUID	THE DOWN CHEMICAL			
70753-GB-EPT	United Kingdom		THE DOW CHEMICAL COMPANY	02/16/2012 12706752.8	2658659	04/29/2015 2658659
70753-GB-EPT	United Kingdom	DISPENSING DEVICE		02/16/2012 12706752.8	2658659	04/29/2015 2658659
70753-GB-EPT	United Kingdom	DISPENSING DEVICE WITH INTERNAL SEAL		02/16/2012 12706752.8	2658659	04/29/2015 2658659
70753-GB-EPT	United Kingdom Italy	DISPENSING DEVICE WITH INTERNAL SEAL SLEEVE ACTIVATED COMPRESSED FLUID	COMPANY THE DOW CHEMICAL	02/16/2012 12706752.8 02/16/2012 12706752.8	2658659 2658659	04/29/2015 2658659 04/29/2015 2658659
		DISPENSING DEVICE WITH INTERNAL SEAL SLEEVE ACTIVATED COMPRESSED FLUID DISPENSING DEVICE WITH INTERNAL SEAL SLEEVE ACTIVATED	COMPANY THE DOW CHEMICAL			
70753-IT-EPT	Italy	DISPENSING DEVICE WITH INTERNAL SEAL SLEEVE ACTIVATED COMPRESSED FLUID DISPENSING DEVICE WITH INTERNAL SEAL SLEEVE ACTIVATED COMPRESSED FLUID DISPENSING DEVICE	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL	02/16/2012 12706752.8	2658659	04/29/2015 2658659
		DISPENSING DEVICE WITH INTERNAL SEAL SLEEVE ACTIVATED COMPRESSED FLUID DISPENSING DEVICE WITH INTERNAL SEAL SLEEVE ACTIVATED COMPRESSED FLUID	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL		2658659	
70753-IT-EPT	Italy	DISPENSING DEVICE WITH INTERNAL SEAL SLEEVE ACTIVATED COMPRESSED FLUID DISPENSING DEVICE WITH INTERNAL SEAL SLEEVE ACTIVATED COMPRESSED FLUID DISPENSING DEVICE	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL	02/16/2012 12706752.8	2658659	04/29/2015 2658659
70753-IT-EPT 70753-IP-PCT	Italy Japan	DISPENSING DEVICE WITH INTERNAL SEAL SLEEVE ACTIVATED COMPRESSED FLUID DISPENSING DEVICE WITH INTERNAL SEAL SLEEVE ACTIVATED COMPRESSED FLUID DISPENSING DEVICE WITH INTERNAL SEAL SLEEVE ACTIVATED COMPRESSED FLUID DISPENSING DEVICE	COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL	02/16/2012 12706752.8 02/16/2012 2013-555456	2658659 3 2014-509258	04/29/2015 2658659 12/04/2015 5848366
70753-IT-EPT	Italy	DISPENSING DEVICE WITH INTERNAL SEAL  SLEEVE ACTIVATED COMPRESSED FLUID DISPENSING DEVICE WITH INTERNAL SEAL  SLEEVE ACTIVATED COMPRESSED FLUID DISPENSING DEVICE WITH INTERNAL SEAL  SLEEVE ACTIVATED COMPRESSED FLUID DISPENSING DEVICE WITH INTERNAL SEAL  SLEEVE ACTIVATED COMPRESSED FLUID DISPENSING DEVICE WITH INTERNAL SEAL	COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL	02/16/2012 12706752.8	2658659	04/29/2015 2658659
70753-IT-EPT 70753-IP-PCT	Italy Japan Netherlands	DISPENSING DEVICE WITH INTERNAL SEAL SLEEVE ACTIVATED COMPRESSED FLUID DISPENSING DEVICE WITH INTERNAL SEAL SLEEVE ACTIVATED COMPRESSED FLUID DISPENSING DEVICE WITH INTERNAL SEAL SLEEVE ACTIVATED COMPRESSED FLUID DISPENSING DEVICE WITH INTERNAL SEAL SLEEVE ACTIVATED COMPRESSED FLUID COMPRESSED FLUID COMPRESSED FLUID	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	02/16/2012 12706752.8 02/16/2012 2013-555456	2658659 3 2014-509258	04/29/2015 2658659 12/04/2015 5848366
70753-IT-EPT 70753-IP-PCT	Italy Japan	DISPENSING DEVICE WITH INTERNAL SEAL SLEEVE ACTIVATED COMPRESSED FLUID DISPENSING DEVICE WITH INTERNAL SEAL SLEEVE ACTIVATED COMPRESSED FLUID DISPENSING DEVICE WITH INTERNAL SEAL SLEEVE ACTIVATED COMPRESSED FLUID DISPENSING DEVICE WITH INTERNAL SEAL SLEEVE ACTIVATED COMPRESSED FLUID COMPRESSED FLUID COMPRESSED FLUID	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	02/16/2012 12706752.8 02/16/2012 2013-555456	2658659 3 2014-509258	04/29/2015 2658659 12/04/2015 5848366 04/29/2015 2658659
70753-IT-EPT 70753-IP-PCT 70753-NL-EPT	Italy  Japan  Netherlands  United States Of	DISPENSING DEVICE WITH INTERNAL SEAL  SLEEVE ACTIVATED COMPRESSED FLUID DISPENSING DEVICE WITH INTERNAL SEAL  SLEEVE ACTIVATED COMPRESSED FLUID DISPENSING DEVICE WITH INTERNAL SEAL  SLEEVE ACTIVATED COMPRESSED FLUID DISPENSING DEVICE WITH INTERNAL SEAL  SLEEVE ACTIVATED COMPRESSED FLUID DISPENSING DEVICE COMPRESSED FLUID DISPENSING DEVICE	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	02/16/2012 12706752.8 02/16/2012 2013-555456 02/16/2012 12706752.8	2658659 2014-509258 2658659	04/29/2015 2658659 12/04/2015 5848366 04/29/2015 2658659
70753-IT-EPT 70753-IP-PCT 70753-NL-EPT 70753-US-PCT	Italy Japan Netherlands United States Of America	DISPENSING DEVICE WITH INTERNAL SEAL SLEEVE ACTIVATED COMPRESSED FLUID DISPENSING DEVICE WITH INTERNAL SEAL SLEEVE ACTIVATED COMPRESSED FLUID DISPENSING DEVICE WITH INTERNAL SEAL SLEEVE ACTIVATED COMPRESSED FLUID DISPENSING DEVICE WITH INTERNAL SEAL SLEEVE ACTIVATED COMPRESSED FLUID DISPENSING DEVICE WITH INTERNAL SEAL COMPRESSED FLUID DISPENSING DEVICE WITH INTERNAL SEAL COMPRESSED FLUID DISPENSING DEVICE	THE DOW CHEMICAL COMPANY	02/16/2012 12706752.8  02/16/2012 2013-555454  02/16/2012 12706752.8  02/16/2012 13/982391	2658659 2014-509258 2658659 2013-0320045	04/29/2015 2658659 12/04/2015 5848366 04/29/2015 2658659 05/13/2014 8720747
70753-IT-EPT 70753-IP-PCT 70753-NL-EPT	Italy  Japan  Netherlands  United States Of	DISPENSING DEVICE WITH INTERNAL SEAL SLEEVE ACTIVATED COMPRESSED FLUID DISPENSING DEVICE WITH INTERNAL SEAL SLEEVE ACTIVATED COMPRESSED FLUID DISPENSING DEVICE WITH INTERNAL SEAL SLEEVE ACTIVATED COMPRESSED FLUID DISPENSING DEVICE WITH INTERNAL SEAL SLEEVE ACTIVATED COMPRESSED FLUID DISPENSING DEVICE WITH INTERNAL SEAL COMPRESSED FLUID DISPENSING DEVICE WITH INTERNAL SE	THE DOW CHEMICAL COMPANY	02/16/2012 12706752.8 02/16/2012 2013-555456 02/16/2012 12706752.8	2658659 2014-509258 2658659 2013-0320045	04/29/2015 2658659 12/04/2015 5848366 04/29/2015 2658659
70753-IT-EPT 70753-IP-PCT 70753-NL-EPT 70753-US-PCT 70754-CN-PCT	Italy Japan  Netherlands  United States Of America  China	DISPENSING DEVICE WITH INTERNAL SEAL SLEEVE ACTIVATED COMPRESSED FLUID DISPENSING DEVICE WITH INTERNAL SEAL SLEEVE ACTIVATED COMPRESSED FLUID DISPENSING DEVICE WITH INTERNAL SEAL SLEEVE ACTIVATED COMPRESSED FLUID DISPENSING DEVICE WITH INTERNAL SEAL COMPRESSED FLUID DISPENSING DEVICE	THE DOW CHEMICAL COMPANY	02/16/2012 12706752.8  02/16/2012 2013-555456  02/16/2012 12706752.8  02/16/2012 13/982391  02/16/2012 2012800101	2658659 2014-509258 2658659 2013-0320045 36.X 103391890	04/29/2015 2658659  12/04/2015 5848366  04/29/2015 2658659  05/13/2014 8720747  04/01/2015 201280010136.X
70753-IT-EPT 70753-IP-PCT 70753-NL-EPT 70753-US-PCT	Italy Japan Netherlands United States Of America	DISPENSING DEVICE WITH INTERNAL SEAL SLEEVE ACTIVATED COMPRESSED FLUID DISPENSING DEVICE WITH INTERNAL SEAL SLEEVE ACTIVATED COMPRESSED FLUID DISPENSING DEVICE WITH INTERNAL SEAL SLEEVE ACTIVATED COMPRESSED FLUID DISPENSING DEVICE WITH INTERNAL SEAL COMPRESSED FLUID	THE DOW CHEMICAL COMPANY	02/16/2012 12706752.8  02/16/2012 2013-555454  02/16/2012 12706752.8  02/16/2012 13/982391	2658659 2014-509258 2658659 2013-0320045	04/29/2015 2658659 12/04/2015 5848366 04/29/2015 2658659 05/13/2014 8720747
70753-IT-EPT 70753-IP-PCT 70753-NL-EPT 70753-US-PCT 70754-CN-PCT	Italy Japan  Netherlands  United States Of America  China	DISPENSING DEVICE WITH INTERNAL SEAL SLEEVE ACTIVATED COMPRESSED FLUID DISPENSING DEVICE WITH INTERNAL SEAL SLEEVE ACTIVATED COMPRESSED FLUID DISPENSING DEVICE WITH INTERNAL SEAL SLEEVE ACTIVATED COMPRESSED FLUID DISPENSING DEVICE WITH INTERNAL SEAL SLEEVE ACTIVATED COMPRESSED FLUID DISPENSING DEVICE WITH INTERNAL SEAL	THE DOW CHEMICAL COMPANY	02/16/2012 12706752.8  02/16/2012 2013-555456  02/16/2012 12706752.8  02/16/2012 13/982391  02/16/2012 2012800101	2658659 2014-509258 2658659 2013-0320045 36.X 103391890	04/29/2015 2658659  12/04/2015 5848366  04/29/2015 2658659  05/13/2014 8720747  04/01/2015 201280010136.X
70753-IT-EPT 70753-IP-PCT 70753-NL-EPT 70753-US-PCT 70754-CN-PCT	Italy Japan  Netherlands  United States Of America  China	DISPENSING DEVICE WITH INTERNAL SEAL SLEEVE ACTIVATED COMPRESSED FLUID DISPENSING DEVICE WITH INTERNAL SEAL SLEEVE ACTIVATED COMPRESSED FLUID DISPENSING DEVICE WITH INTERNAL SEAL SLEEVE ACTIVATED COMPRESSED FLUID DISPENSING DEVICE WITH INTERNAL SEAL SLEEVE ACTIVATED COMPRESSED FLUID DISPENSING DEVICE WITH INTERNAL SEAL	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	02/16/2012 12706752.8  02/16/2012 2013-555456  02/16/2012 12706752.8  02/16/2012 13/982391  02/16/2012 2012800101	2658659 2014-509258 2658659 2013-0320045 36.X 103391890	04/29/2015 2658659  12/04/2015 5848366  04/29/2015 2658659  05/13/2014 8720747  04/01/2015 201280010136.X

70754-FR-EPT France	COMPRESSED FLUID DISPENSING DEVICE WITH INTERNAL SEAL	THE DOW CHEMICAL COMPANY	02/16/2012 1270697	1.4 26587 ¹	96 07/22/2015	2658796
70754-GB-EPT United Kingdom 70754-IT-EPT Italy	WITH INTERNAL SEAL	THE DOW CHEMICAL	02/16/2012 1270697		,,,,,	2658796 50201500006321
70754-JP-PCT Japan 70754-NL-EPT Netherlands	WITH INTERNAL SEAL	THE DOW CHEMICAL	02/16/2012 2013-555		510680 04/08/2016 96 07/22/2015	
United States Of 70754-US-PCT America 71059-CN-PCT China	WITH INTERNAL SEAL SELECTIVE GAS TRANSPORT FILMS THAT CONTAIN BROMINATED	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	02/15/2012 13/98249 06/27/2012 2012800		0320044 04/22/2014 9191 05/18/2016	8701945 2012800349577
European 71059-EP-EPT Procedure (Patent	SELECTIVE GAS TRANSPORT FILMS THAT CONTAIN BROMINATED STYRENE-BUTADIENE	THE DOW CHEMICAL COMPANY	06/27/2012 1273738:			
71059-IN-PCT India	SELECTIVE GAS TRANSPORT FILMS THAT CONTAIN BROMINATED STYRENE-BUTADIENE COPOLYMERS	THE DOW CHEMICAL COMPANY	06/27/2012 203/CHE	NP/2014 203/CI	HENP/2014	
United States Of 71059-US-PCT America	SELECTIVE GAS TRANSPORT FILMS THAT CONTAIN BROMINATED STYRENE-BUTADIENE COPOLYMERS	THE DOW CHEMICAL COMPANY	06/27/2012 14/12683	36 2014-0	0116248 09/08/2015	9126153
United States Of 71141-US-DIV America	METHOD FOR SEALING FENESTRATION OPENINGS METHOD FOR	THE DOW CHEMICAL COMPANY	10/17/2013 14/05658	34 2014- <del>(</del>	0044882 06/13/2017	9677324
United States Of 71141-US-NP America United States Of 71245-US-NP America	SEALING FENESTRATION OPENINGS FLOATING DOCK SYSTEM	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	07/26/2012 13/55837 07/05/2012 13/5423		0042961 02/04/2014 04/22/2014	
71381-CN-PCT China	MELT DEVOLATLIZATION EXTRUSION PROCESS MELT DEVOLATLIZATION	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	09/14/2012 2012800	47049.1 10389	0048 12/02/2015	201280047049.1
71381-DE-EPT Germany  European 71381-EP-EPT Procedure (Patent	EXTRUSION PROCESS  MELT  DEVOLATLIZATION (SS) EXTRUSION PROCESS	COMPANY THE DOW CHEMICAL	09/14/2012 1276954 09/14/2012 1276954			602012040611:9 2736963

MELT         DEVOLATUZATION         THE DOW CHEMICAL           71381-FR-EPT         France         EXTRUSION PROCESS COMPANY         09/14/2012 12769548.4         2736963         12/06/201	7 2736963
MELT DEVOLATLIZATION THE DOW CHEMICAL 71381-GB-EPT United Kingdom EXTRUSION PROCESS COMPANY 09/14/2012 12769548.4 2736963 12/06/201	7 2736963
MELT DEVOLATLIZATION THE DOW CHEMICAL 71381-IL-PCT Israel EXTRUSION PROCESS COMPANY 09/14/2012 231605 05/01/201  MELT	7 231605
DEVOLATLIZATION THE DOW CHEMICAL 71381-IN-PCT India EXTRUSION PROCESS COMPANY 09/14/2012 2210/CHENP/2014 2210/CHENP/2014	
MELT           DEVOLATLIZATION         THE DOW CHEMICAL           71381-JP-PCT         Japan         EXTRUSION PROCESS COMPANY         09/14/2012 2014-533594         2014-528024         03/10/201	7 6105596
MELT DEVOLATLIZATION THE DOW CHEMICAL	
71381-NL-EPT Netherlands EXTRUSION PROCESS COMPANY 09/14/2012 12769548.4 2736963 12/06/201	7 2736963
MELT United States Of DEVOLATLIZATION THE DOW CHEMICAL 71381-US-PCT America EXTRUSION PROCESS COMPANY 09/14/2012 14/240861 10/11/201 CONTINUOUS PROCESS FOR	3 9464175
EXTRUDING NANOPOROUS THE DOW CHEMICAL	
71526-CA-PCT Canada FOAM COMPANY 09/14/2012 2850128 CONTINUOUS	
PROCESS FOR EXTRUDING	
	5 201280047315.0
CONTINUOUS PROCESS FOR	
EXTRUDING NANOPOROUS THE DOW CHEMICAL	
71526-DE-EPT Germany FOAM COMPANY CONTINUOUS	
PROCESS FOR	
EXTRUDING European NANOPOROUS THE DOW CHEMICAL	
71526-EP-EPT Procedure (Patents) FOAM COMPANY 09/14/2012 12769540.1 2731775  CONTINUOUS	
PROCESS FOR EXTRUDING	
NANOPOROUS THE DOW CHEMICAL  71526-ES-EPT Spain FOAM COMPANY	
CONTINUOUS	
PROCESS FOR EXTRUDING NANOPOROUS THE DOW CHEMICAL 71526-FR-EPT France FOAM COMPANY	
CONTINUOUS PROCESS FOR	
EXTRUDING NANOPOROUS THE DOW CHEMICAL	
71526-GB-EPT United Kingdom FOAM COMPANY	
CONTINUOUS PROCESS FOR	
EXTRUDING NANOPOROUS THE DOW CHEMICAL	
71526-IN-PCT India FOAM COMPANY 09/14/2012 2215/CHENP/2014 CONTINUOUS	
CONTINUOUS	
PROCESS FOR EXTRUDING	

	CONTINUOUS					
	PROCESS FOR EXTRUDING					
71526-JP-PCT Japan	NANOPOROUS FOAM	THE DOW CHEMICAL COMPANY	09/14/2012	2014-533580	2014-528997	02/10/2017 6087931
	CONTINUOUS PROCESS FOR					
	EXTRUDING					
71526-NL-EPT Netherlands	NANOPOROUS FOAM	THE DOW CHEMICAL COMPANY				
	CONTINUOUS PROCESS FOR					
11.1.15	EXTRUDING NANOPOROUS	THE DOWN CHESTICAL				
United States Of 71526-US-PCT America	FOAM	THE DOW CHEMICAL COMPANY	09/14/2012	14/238679	2014-0221512	09/29/2015 9145478
71565-CA-PCT Canada	POLYMERIC NANOFOAM	THE DOW CHEMICAL COMPANY	09/14/2012	2850129		
71565-CN-PCT China	POLYMERIC NANOFOAM	THE DOW CHEMICAL COMPANY	09/14/2012	201280047914.2	103842417	03/09/2016 201280047914.2
	POLYMERIC	THE DOW CHEMICAL				
71565-DE-EPT Germany	NANOFOAM	COMPANY	09/14/2012	12769541.9	2734577	03/28/2018 602012044499.1
European 71565-EP-EPT Procedure (Patent:	POLYMERIC INANOFOAM	THE DOW CHEMICAL COMPANY	09/14/2012	12769541.9	2734577	03/28/2018 2734577
	POLYMERIC NANOFOAM	THE DOW CHEMICAL COMPANY			2734577	
	POLYMERIC	THE DOW CHEMICAL	09/14/2012			03/28/2018 2734577
71565-FR-EPT France	NANOFOAM POLYMERIC	COMPANY THE DOW CHEMICAL	09/14/2012	12769541.9	2734577	03/28/2018 2734577
71565-GB-EPT United Kingdom	NANOFOAM POLYMERIC	COMPANY THE DOW CHEMICAL	09/14/2012	12769541.9	2734577	03/28/2018 2734577
71565-GR-EPT Greece	NANOFOAM	COMPANY	09/14/2012	12769541.9	2734577	03/28/2018 2734577
71565-IN-PCT India	POLYMERIC NANOFOAM	THE DOW CHEMICAL COMPANY	09/14/2012	2286/CHENP/2014	2286/CHENP/20	14
71565-IT-EPT Italy	POLYMERIC NANOFOAM	THE DOW CHEMICAL COMPANY	09/14/2012	12769541.9	2734577	03/28/2018 50201800001564
71565-JP-PCT Japan	POLYMERIC NANOFOAM	THE DOW CHEMICAL COMPANY	09/14/2012	2014-533581	2014-528495	02/10/2017 6087932
	POLYMERIC	THE DOW CHEMICAL				
71565-TR-EPT Turkey	NANOFOAM FIRE RESISTANT	COMPANY	09/14/2012	12769541.9	2734577	03/28/2018 2734577
71827-AT-EPT Austria	COMPOSITE STRUCTURE	THE DOW CHEMICAL COMPANY	03/27/2013	13714523.1	2830875	05/25/2016 2830875
	FIRE RESISTANT COMPOSITE	THE DOW CHEMICAL				
71827-BR-PCT Brazil	STRUCTURE	COMPANY	03/27/2013	1120140223920		
	FIRE RESISTANT COMPOSITE	THE DOW CHEMICAL				
71827-CN-PCT China	STRUCTURE FIRE RESISTANT	COMPANY	03/27/2013	201380017656.8	104245302	12/07/2016 201380017656.8
71827-DE-EPT Germany	COMPOSITE	THE DOW CHEMICAL	03/37/3013	12714522 4	2830875	AF DE DATA (CDAN 2007AFA D
71827-DE-EPT Germany	STRUCTURE FIRE RESISTANT	COMPANY	03/27/2013	13/14323.1	2030013	05/25/2016 602013007956.0
71827-ES-EPT Spain	COMPOSITE STRUCTURE	THE DOW CHEMICAL COMPANY	03/27/2013	13714523.1	2830875	05/25/2016 2830875
	FIRE RESISTANT COMPOSITE	THE DOW CHEMICAL				
71827-FR-EPT France	STRUCTURE	COMPANY	03/27/2013	13714523.1	2830875	05/25/2016 2830875
	FIRE RESISTANT COMPOSITE	THE DOW CHEMICAL				
71827-GB-EPT United Kingdom	STRUCTURE FIRE RESISTANT	COMPANY	03/27/2013	13714523.1	2830875	05/25/2016 2830875
71827-IT-EPT Italy	COMPOSITE STRUCTURE	THE DOW CHEMICAL COMPANY	03/27/2013	13714523 1	2830875	05/25/2016 50201600008259
	FIRE RESISTANT		and the second s			
71827-JP-PCT Japan	COMPOSITE STRUCTURE	THE DOW CHEMICAL COMPANY	03/27/2013	2015-503537	2015-518435	11/17/2017 6243400
	FIRE RESISTANT COMPOSITE	THE DOW CHEMICAL				
71827-MX-PCT Mexico	STRUCTURE FIRE RESISTANT	COMPANY	03/27/2013	MX/a/14/011835		
71937 DI EDT - Dolom d	COMPOSITE	THE DOW CHEMICAL	02/27/2012	12714522 1	2020075	0E/3E/301C 393097F
71827-PL-EPT Poland	STRUCTURE	COMPANY	03/27/2013	13/14323.1	2830875	05/25/2016 2830875

		FIRE RESISTANT				
		COMPOSITE	THE DOW CHEMICAL			
71827-RO-EPT	Romania	STRUCTURE	COMPANY	03/27/2013 13714523.1	2830875	05/25/2016 2830875
		FIRE RESISTANT	THE DOWN CHEMICAL			
71827-TR-EPT	Turkey	COMPOSITE STRUCTURE	THE DOW CHEMICAL COMPANY	03/27/2013 13714523.1	2830875	05/25/2016 2830875
71027-110-211	Turkey	FIRE RESISTANT	CONTRACT	03/27/2013 13714323.1	2830873	03/23/2010 2030073
	United States Of	COMPOSITE	THE DOW CHEMICAL			
71827-US-PCT	America	STRUCTURE	COMPANY	03/27/2013 14/384813	2015-0079367	
		NON-ISOCYANATE				
		RIGID POLYMER FOAMS BY CARBON-				
		MICHAEL ADDITION,				
		AND FOAMING	THE DOW CHEMICAL			
71967-CA-PCT	Canada	PROCESS	COMPANY	12/20/2012 2859818		
		NON-ISOCYANATE				
		RIGID POLYMER				
		FOAMS BY CARBON- MICHAEL ADDITION,				
		AND FOAMING	THE DOW CHEMICAL			
71967-CN-PCT	China	PROCESS	COMPANY	12/20/2012 201280064473.7	104024313	09/14/2016 201280064473.7
		NON-ISOCYANATE				
		RIGID POLYMER				
		FOAMS BY CARBON-				
		MICHAEL ADDITION, AND FOAMING	THE DOW CHEMICAL			
71967-DE-EPT	Germany	PROCESS	COMPANY	12/20/2012 12821348.5	2782955	11/30/2016 602012026138.2
	· · · · · · · · · · · · · · · · · · ·	NON-ISOCYANATE		, , , , , , , , , , , , , , , , , , , ,		
		RIGID POLYMER				
		FOAMS BY CARBON-				
		MICHAEL ADDITION,	THE BOW CHEMICAL			
71967-ES-EPT	Spain	AND FOAMING PROCESS	THE DOW CHEMICAL COMPANY	12/20/2012 12821348.5	2782955	11/30/2016 2782955
/ ISO/TESTER!	Spani	NON-ISOCYANATE	COMMINI	12/20/2012 12021340.3	2702555	11/30/2010 2/02555
		RIGID POLYMER				
		FOAMS BY CARBON-				
		MICHAEL ADDITION,				
71067 FD FDT	Fua	AND FOAMING	THE DOW CHEMICAL	12/20/2012 12021240 5	2702055	11/20/2016 2702055
71967-FR-EPT	France	PROCESS NON-ISOCYANATE	COMPANY	12/20/2012 12821348.5	2782955	11/30/2016 2782955
		RIGID POLYMER				
		FOAMS BY CARBON-				
		MICHAEL ADDITION,				
		AND FOAMING	THE DOW CHEMICAL			
71967-GB-EPT	United Kingdom	PROCESS NON-ISOCYANATE	COMPANY	12/20/2012 12821348.5	2782955	11/30/2016 2782955
		RIGID POLYMER				
		FOAMS BY CARBON-				
		MICHAEL ADDITION,				
		AND FOAMING	THE DOW CHEMICAL			
71967-IN-PCT	India	PROCESS	COMPANY	12/20/2012 4732/CHENP/2014	4732/CHENP/2	014
		NON-ISOCYANATE RIGID POLYMER				
		FOAMS BY CARBON-				
		MICHAEL ADDITION,				
		AND FOAMING	THE DOW CHEMICAL			
71967-IT-EPT	Italy	PROCESS	COMPANY	12/20/2012 12821348.5	2782955	11/30/2016 50201700001905
		NON-ISOCYANATE RIGID POLYMER				
		FOAMS BY CARBON-				
		MICHAEL ADDITION,				
		AND FOAMING	THE DOW CHEMICAL			
71967-JP-PCT	Japan	PROCESS	COMPANY	12/20/2012 2014-550387	2015-503663	05/12/2017 6141870
		NON-ISOCYANATE				
		RIGID POLYMER				
		FOAMS BY CARBON- MICHAEL ADDITION,				
		AND FOAMING	THE DOW CHEMICAL			
71967-NL-EPT	Netherlands	PROCESS	COMPANY	12/20/2012 12821348.5	2782955	11/30/2016 2782955

	NON-ISOCYANATE RIGID POLYMER FOAMS BY CARBON-				
	MICHAEL ADDITION, AND FOAMING	THE DOW CHEMICAL			
71967-RU-PCT Russian Federation	PROCESS	COMPANY	12/20/2012 2014131037	2014131037	04/25/2017 2617487
United States Of 71967-US-PCT America	NON-ISOCYANATE RIGID POLYMER FOAMS BY CARBON- MICHAEL ADDITION, AND FOAMING PROCESS	THE DOW CHEMICAL COMPANY	12/20/2012 14/358825	2014-0343182	03/08/2016 9279040
	THERMOSET POLYURETHANE				
	FOAM CONTAINING BROMINATED				
	POLYMERIC FLAME	THE DOW CHEMICAL			
71969-CA-PCT Canada	RETARDANT THERMOSET	COMPANY	12/11/2012 2858219		
	POLYURETHANE FOAM CONTAINING BROMINATED				
71969-CN-PCD China	POLYMERIC FLAME RETARDANT THERMOSET POLYURETHANE	THE DOW CHEMICAL COMPANY	07/23/2018 201810811257.3		
	FOAM CONTAINING				
	BROMINATED POLYMERIC FLAME	THE DOW CHEMICAL			
71969-CN-PCT China	RETARDANT	COMPANY	12/11/2012 201280062612.2	103998498	
	THERMOSET POLYURETHANE				
	FOAM CONTAINING BROMINATED				
European	POLYMERIC FLAME	THE DOW CHEMICAL			
71969-EP-EPT Procedure (Patents	THERMOSET	COMPANY	12/11/2012 12812441.9	2794737	
	POLYURETHANE FOAM CONTAINING				
	BROMINATED				
71969-IN-PCT India	POLYMERIC FLAME RETARDANT	THE DOW CHEMICAL COMPANY	12/11/2012 4478/CHENP/2014	4478/CHENP/20	14
	THERMOSET			-,,	
	POLYURETHANE FOAM CONTAINING				
	BROMINATED POLYMERIC FLAME	THE DOW CHEMICAL			
71969-JP-PCT Japan	RETARDANT	COMPANY	12/11/2012 2014-547342	2015-505892	03/17/2017 6110401
	THERMOSET POLYURETHANE				
	FOAM CONTAINING BROMINATED				
United States Of	POLYMERIC FLAME	THE DOW CHEMICAL			
71969-US-PCT America	RETARDANT WALLSTRUCTURE	COMPANY	12/11/2012 14/359530	2014-0343180	09/13/2016 9441108
72663-CA-NP Canada	WITH ENHANCED	THE DOW CHEMICAL COMPANY	07/02/2013 2819719		
United States Of 72663-US-NP America	WITH ENHANCED CLADDING SUPPORT	THE DOW CHEMICAL COMPANY	06/24/2012 12/024660	2014 0007524	OE /12 /2014   9720141
72663-US-NP America			06/24/2013 13/924660	2014-0007534	05/13/2014 8720141
72801-CA-PCT Canada	FOAM WALL INSULATION SYSTEM		05/28/2013 2872634		
72801-CN-PCT China	FOAM WALL INSULATION SYSTEM	THE DOW CHEMICAL COMPANY	05/28/2013 201380029944.5	104350220	08/31/2016 201380029944.5
European 72801-EP-EPT Procedure {Patents	FOAM WALL INSULATION SYSTEM	THE DOW CHEMICAL COMPANY	05/28/2013 13730393.9	2850258	
72801-JP-PCT Japan	FOAM WALL INSULATION SYSTEM	THE DOW CHEMICAL COMPANY	05/28/2013 2015-516056	2015-525316	08/10/2017 6189943

72801-US-PCT	United States Of America	FOAM WALL INSULATION SYSTEM	THE DOW CHEMICAL COMPANY	05/28/2013	14/396859	2015-0111001	04/11/2017 9617729
			THE DOW CHEMICAL				
72802-CA-PCT	Canada	FOR PIPES	COMPANY	05/28/2013	2872638		
		POLYMERIC FOAM					
	at t		THE DOW CHEMICAL				
72802-CN-PCT	China	FOR PIPES	COMPANY	05/28/2013	201380029865.4	104364077	03/15/2017 201380029865.4
	F	POLYMERIC FOAM	THE DOMESTICATOR				
72802-EP-EPT	European Procedure (Patents)		THE DOW CHEMICAL COMPANY	05/28/2013	12012206 /	2830874	
/20U2-EP-EP1	riocedure (raterits)	POLYMERIC FOAM	COMPANI	03/26/2013	15612206.4	2030074	
			THE DOW CHEMICAL				
72802-JP-PCT	Japan	FOR PIPES	COMPANY	05/28/2013	2015-516057	2015-528086	09/22/2017 6212112
		POLYMERIC FOAM					
	United States Of	INSULATION SYSTEM	THE DOW CHEMICAL				
72802-US-PCT	America	FOR PIPES	COMPANY	05/28/2013	14/396862	2015-0140243	02/20/2018 9897245
		ONE-COMPONENT					
		SPRAY					
	European	POLYURETHANE	THE DOW CHEMICAL				
73510-EP-EPT	Procedure (Patents)	APPLICATION	COMPANY	08/13/2013	13752767.7	2890732	
		ONE-COMPONENT					
		SPRAY					
73510 UC DCT	United States Of	POLYURETHANE APPLICATION	THE DOW CHEMICAL	00/12/2012	14/415350	2015 0101577	01/03/2017 0534100
73510-US-PCT	America	NANOCELLULAR	COMPANY	08/13/2013	14/415359	2015-0191577	01/03/2017 9534100
		THERMOPLASTIC					
		FOAM AND PROCESS					
		FOR MAKING THE	THE DOW CHEMICAL				
73513-CA-PCT	Canada	SAME	COMPANY	09/13/2013	2884425		
200000000000000000000000000000000000000		NANOCELLULAR					
		THERMOPLASTIC					
		FOAM AND PROCESS					
		FOR MAKING THE	THE DOW CHEMICAL				
73513-CN-PCT	China	SAME	COMPANY	09/13/2013	201380048214.X	104736617	05/10/2017 201380048214.X
		NANOCELLULAR					
		THERMOPLASTIC					
		FOAM AND PROCESS	THE MOUSE CHESSICS.				
79513 NE 587	Germany	FOR MAKING THE SAME	THE DOW CHEMICAL COMPANY	00/13/3013	137 <i>66</i> 307 8	2875067	06/20/2016 E02012000009 A
73513-DE-EPT	оеннану	NANOCELLULAR	COMPANT	09/13/2013	12100501.0	2673007	06/29/2016 602013009008.4
		THERMOPLASTIC					
		FOAM AND PROCESS					
		FOR MAKING THE	THE DOW CHEMICAL				
73513-ES-EPT	Spain	SAME	COMPANY	09/13/2013	13766207.8	2875067	06/29/2016 2875067
		NANOCELLULAR					
		THERMOPLASTIC					
		FOAM AND PROCESS					
		FOR MAKING THE	THE DOW CHEMICAL				
73513-FR-EPT	France	SAME	COMPANY	09/13/2013	13766207.8	2875067	06/29/2016 2875067
		NANOCELLULAR THERMORIA STIC					
		THERMOPLASTIC FOAM AND PROCESS					
		FOR MAKING THE	THE DOW CHEMICAL				
73513-GB-EPT	United Kingdom	SAME	COMPANY	09/13/2013	13766207.8	2875067	06/29/2016 2875067
		NANOCELLULAR					
		THERMOPLASTIC					
		FOAM AND PROCESS					
		FOR MAKING THE	THE DOW CHEMICAL				
73513-IT-EPT	Italy	SAME	COMPANY	09/13/2013	13766207.8	2875067	06/29/2016 50201600008825
		NANOCELLULAR					
		THERMOPLASTIC					
		FOAM AND PROCESS	THE DOLL CHE NOW				
72E12 ID DCT	lanan	FOR MAKING THE	THE DOW CHEMICAL	00/12/2012	2015 522110	2015 522002	06/16/2017 6150021
73513-JP-PCT	Japan	SAME NANOCELLULAR	COMPANY	09/13/2013	2015-533119	2015-533893	06/16/2017 6158931
		THERMOPLASTIC					
		FOAM AND PROCESS					
		FOR MAKING THE	THE DOW CHEMICAL				
73513-NL-EPT	Netherlands	SAME	COMPANY	09/13/2013	13766207.8	2875067	06/29/2016 2875067
000000000000000000000000000000000000000							

	NANOCELLULAR THERMOPLASTIC FOAM AND PROCESS				
73513-TR-EPT Turkey  United States Of 73513-US-PCT America	FOR MAKING THE SAME NANOCELLULAR THERMOPLASTIC FOAM AND PROCESS FOR MAKING THE SAME	THE DOW CHEMICAL COMPANY	09/13/2013 13766207.8 09/13/2013 14/421851	2875067 2015-0203647	06/29/2016 2875067 09/29/2015: 9145477
73520-CA-PCT Canada	POLYETHYLENE WAX AND BROMINATED POLYMER IN STYRENIC POLYMER	THE DOW CHEMICAL	11/26/2012 2857422		
73520-CN-PCT China	POLYETHYLENE WAX AND BROMINATED POLYMER IN STYRENIC POLYMER	THE DOW CHEMICAL COMPANY	11/26/2012 201280059232	3 104024327	02/22/2017 201280059232.3
73520-DE-EPT Germany	POLYETHYLENE WAX AND BROMINATED POLYMER IN STYRENIC POLYMER POLYETHYLENE WAX AND BROMINATED		11/26/2012 12795301.6	2785789	02/01/2017 60201202363.7
European 73520-EP-EPT Procedure (Patent:	POLYMER IN  S) STYRENIC POLYMER  POLYETHYLENE WAX  AND BROMINATED	THE DOW CHEMICAL COMPANY	11/26/2012 12795301.6	2785789	02/01/2017 2785789
73520-ES-EPT Spain 73520-FR-EPT France	POLYMER IN STYRENIC POLYMER POLYETHYLENE WAX AND BROMINATED POLYMER IN STYRENIC POLYMER	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	11/26/2012 12795301.6 11/26/2012 12795301.6	2785789 2785789	02/01/2017 2785789 02/01/2017 2785789
	POLYETHYLENE WAX AND BROMINATED POLYMER IN	THE DOW CHEMICAL			
73520-GB-EPT United Kingdom 73520-IN-PCT India	COMPOSITON FOR POLYMERIC FOAM COMPRISING STYRENIC POLYMER, POLYETHYLENE WAX AND BROMINATED VINYLAROMATIC/BU TADIEN-COPOLYMER	THE DOW CHEMICAL	11/26/2012 12795301.6	2785789 314 4040/CHENP/	02/01/2017 2785789
TOPO IT FOT hole	POLYETHYLENE WAX AND BROMINATED POLYMER IN	THE DOW CHEMICAL	44/06/0040 40705004 6	2705700	03/01/2017
73520-IT-EPT Italy 73520-JP-PCT Japan	STYRENIC POLYMER  POLYETHYLENE WAX AND BROMINATED POLYMER IN STYRENIC POLYMER	COMPANY  THE DOW CHEMICAL COMPANY	11/26/2012 12795301.6 11/26/2012 2014-544795	2785789 2015-503007	02/01/2017 50201700004624 05/19/2017 6144693
73520-NL-EPT Netherlands	POLYETHYLENE WAX AND BROMINATED POLYMER IN STYRENIC POLYMER	THE DOW CHEMICAL COMPANY	11/26/2012 12795301.6	2785789	02/01/2017 2785789

73520-TR-EPT Turkey	POLYETHYLENE WAX AND BROMINATED POLYMER IN THE DOW CHE STYRENIC POLYMER COMPANY	MICAL 11/26/2012	12795301.6	<b>2785789</b> 0	2/01/2017 2785789
United States Of 73520-US-PCT America 73748-CA-PCT Canada	POLYETHYLENE WAX AND BROMINATED POLYMER IN THE DOW CHE STYRENIC POLYMER COMPANY PHOSPHOROUS- CONTAINING ALUMINUM CARBOXYLATE SALT FLAME RETARDANTS PHOSPHOROUS-	11/26/2012		2014-0288203 0	7/19/2016 9394437
73748-CN-PCT China 73748-DE-EPT Germany	CONTAINING ALUMINUM CARBOXYLATE SALT THE DOW CHE FLAME RETARDANTS COMPANY PHOSPHOROUS- CONTAINING ALUMINUM CARBOXYLATE SALT THE DOW CHE FLAME RETARDANTS COMPANY PHOSPHOROUS-	10/08/2013			8/31/2016 201380053310.3 1/23/2016 602013014506.7
73748-ES-EPT Spain  73748-GB-EPT United Kingdom	CONTAINING ALUMINUM CARBOXYLATE SALT FLAME RETARDANTS PHOSPHOROUS- CONTAINING ALUMINUM CARBOXYLATE SALT THE DOW CHE FLAME RETARDANTS THE DOW CHE FLAME RETARDANTS THE DOW CHE	10/08/2013			1/23/2016 2909220 1/23/2016 2909220
73748-IT-EPT Italy 73748-JP-PCT Japan	PHOSPHOROUS- CONTAINING ALUMINUM CARBOXYLATE SALT THE DOW CHE FLAME RETARDANTS COMPANY PHOSPHOROUS- CONTAINING ALUMINUM CARBOXYLATE SALT THE DOW CHE FLAME RETARDANTS COMPANY	10/08/2013 MICAL	13783144.2 2015-537725		1/23/2016 50201700001001 5/11/2018 6334546
73748-NL-EPT Netherlands  United States Of	PHOSPHOROUS- CONTAINING ALUMINUM CARBOXYLATE SALT THE DOW CHE FLAME RETARDANTS COMPANY PHOSPHOROUS- CONTAINING ALUMINUM CARBOXYLATE SALT THE DOW CHE	10/08/2013			1/23/2016 2909220
73748-US-PCT America  73881-CA-PCT Canada  73881-CN-PCT China	CELL SIZE ENLARGING AGENT THE DOW CHE FOR STYRENIC FOAM COMPANY  CELL SIZE ENLARGING AGENT THE DOW CHE FOR STYRENIC FOAM COMPANY  CELL SIZE COMPANY  CELL SIZE COMPANY  CELL SIZE	11/11/2013 MICAL			5/31/2016 9353246 7/21/2017 201380060699.4
73881-DE-EPT Germany 73881-E5-EPT Spain	ENLARGING AGENT THE DOW CHE FOR STYRENIC FOAM COMPANY  CELL SIZE ENLARGING AGENT THE DOW CHE FOR STYRENIC FOAM COMPANY	11/11/2013			7/06/2016 602013009234.6 7/06/2016 2898006

		CELL SIZE ENLARGING AGENT	THE DOW CHEMICAL					
73881-FR-EPT Fr		FOR STYRENIC FOAM		11/11/2013 13	798463.9	2898006	07/06/2016	2898006
73881-GB-EPT U		CELL SIZE ENLARGING AGENT FOR STYRENIC FOAM	THE DOW CHEMICAL COMPANY	11/11/2013 13	798463.9	2898006	07/06/2016	2898006
	aly	FOR STYRENIC FOAM CELL SIZE	THE DOW CHEMICAL	11/11/2013 13  11/11/2013 20		2898006 2015:535554	07/06/2016 ! 01/12/2018 !	50201600010041 50272896
	etherlands	FOR STYRENIC FOAM CELL SIZE	THE DOW CHEMICAL	11/11/2013 13 11/11/2013 13		2898006 2898006	07/06/2016 : 07/06/2016 :	
73955-CA-PCT C		POLYHEDRAL OLIGOMERIC SILSESQUIOXANE GRAFTED POLYMER IN POLYMERIC FOAM		11/11/2013 28	20214			
		POLYHEDRAL OLIGOMERIC SILSESQUIOXANE GRAFTED POLYMER IN POLYMERIC FOAM	THE DOW CHEMICAL	11/11/2013 20		104781322	04/27/2018	201380059004.0
73955-DE-EPT G		POLYHEDRAL OLIGOMERIC SILSESQUIOXANE GRAFTED POLYMER IN POLYMERIC FOAM	THE DOW CHEMICAL COMPANY	11/11/2013 13	308283.9	2898007	12/28/2016(	502013016007.4
73955-FR-EPT F1		POLYHEDRAL OLIGOMERIC SILSESQUIOXANE GRAFTED POLYMER IN POLYMERIC FOAM		11/11/2013 13:	308283.9	2898007	12/28/2016	2898007
73955-GB-EPT U		POLYHEDRAL OLIGOMERIC SILSESQUIOXANE GRAFTED POLYMER IN POLYMERIC FOAM		11/11/2013 13	308283.9	2898007	12/28/2016	2898007
73955-IT-EPT it		POLYHEDRAL OLIGOMERIC SILSESQUIOXANE GRAFTED POLYMER IN POLYMERIC FOAM		11/11/2013 13:	308283.9	2898007	12/28/2016	50201700003080
73955-JP-PCT Ja		POLYHEDRAL OLIGOMERIC SILSESQUIOXANE GRAFTED POLYMER IN POLYMERIC FOAM		11/11/2013 20	l5-542713	2015-535032	06/16/2017(	5158941
73955-NL-EPT N		POLYHEDRAL OLIGOMERIC SILSESQUIOXANE GRAFTED POLYMER IN POLYMERIC FOAM		11/11/2013 13:	308283.9	2898007	12/28/2016	2898007

	POLYHEDRAL OLIGOMERIC				
	SILSESQUIOXANE				
United States Of 73955-US-PCT America	GRAFTED POLYMER IN POLYMERIC FOAN	THE DOW CHEMICAL  1 COMPANY	11/11/2013 14/437088	2015-0284527	01/17/2017 9546256
	MULTI-STACK				,
	REINFORCED BOARD USED IN TATAMI				
	FLOOR FOR RESIDENTIAL	THE DOW CHEMICAL			
74123-JP-NP Japan	APPLICATION	COMPANY	12/14/2012 2012-273758	3 2014-118720	01/20/2017 6076067
	THERMOPLASTIC POLYMERIC FOAM	THE DOW CHEMICAL			
74394-CA-PCT Canada	PIPE INSULATION	COMPANY	02/17/2014 2901124		
	THERMOPLASTIC POLYMERIC FOAM	THE DOW CHEMICAL			
74394-CN-PCT China	PIPE INSULATION	COMPANY	02/17/2014 2014800069	10.9 104968721	
	THERMOPLASTIC POLYMERIC FOAM	THE DOW CHEMICAL			
74394-JP-PCT Japan	PIPE INSULATION	COMPANY	02/17/2014 2015-558898	3 2016-515146	08/04/2017 6185607
United States Of	THERMOPLASTIC POLYMERIC FOAM	THE DOW CHEMICAL			
74394-US-PCT America	PIPE INSULATION	COMPANY	02/17/2014 14/655820	2015-0345691	12/19/2017 9845911
	SMOOTH MILLED POLYMERIC FOAM	THE DOW CHEMICAL			
74853-CA-PCT Canada	ARTICLE SMOOTH MILLED	COMPANY	06/09/2014 2914567		
European	POLYMERIC FOAM	THE DOW CHEMICAL			
74853-EP-EPT Procedure (Patents	) ARTICLE SMOOTH MILLED	COMPANY	06/09/2014 14734698.5	2978800	
United States Of	POLYMERIC FOAM	THE DOW CHEMICAL			
74853-US-PCD America	ARTICLE PRECIPITATION	COMPANY	06/22/2017 15/629903	2017-0283574	
	HARDENING OF				
75173-CA-PCT Canada	METALS	THE DOW CHEMICAL COMPANY	11/19/2014 2931479		
	PRECIPITATION				
	HARDENING OF TANTALUM COATED	THE DOW CHEMICAL			
75173-CN-PCT China	METALS PRECIPITATION	COMPANY	11/19/2014 2014800629	07.9 105745337	06/19/2018 201480062907.9
	HARDENING OF				
75173-DE-EPT Germany	TANTALUM COATED METALS	THE DOW CHEMICAL COMPANY	11/19/2014 14809212.5	3077553	12/20/2017 602014018907.5
	PRECIPITATION				
	HARDENING OF TANTALUM COATED	THE DOW CHEMICAL			
75173-DK-EPT Denmark	METALS	COMPANY	11/19/2014 14809212.5	3077553	12/20/2017 3077553
	PRECIPITATION HARDENING OF				
European		THE DOW CHEMICAL	14 /10 /3014 14800313 F	3077553	43/30/3043 3033FF3
75173-EP-EPT Procedure (Patents	PRECIPITATION	COMPANY	11/19/2014 14809212.5	3077553	12/20/2017 3077553
	HARDENING OF	THE DOW CHEMICAL			
75173-FR-EPT France	METALS	COMPANY	11/19/2014 14809212.5	3077553	12/20/2017 3077553
	PRECIPITATION HARDENING OF				
	TANTALUM COATED	THE DOW CHEMICAL			
75173-GB-EPT United Kingdom	METALS PRECIPITATION	COMPANY	11/19/2014 14809212.5	3077553	12/20/2017 3077553
	HARDENING OF	THE BOW SHEET WAY			
75173-IT-EPT Italy	METALS	THE DOW CHEMICAL COMPANY	11/19/2014 14809212.5	3077553	12/20/2017 50201800000822
	PRECIPITATION HARDENING OF				
	TANTALUM COATED	THE DOW CHEMICAL			
75173-JP-PCT Japan	METALS PRECIPITATION	COMPANY	11/19/2014 2016-554552	2 2017-503082	04/20/2018 6325683
	HARDENING OF				
75173-NL-EPT Netherlands	TANTALUM COATED METALS	THE DOW CHEMICAL COMPANY	11/19/2014 14809212.5	3077553	12/20/2017 3077553
			-,, 1.003212.0		,, 3 555

75173-US-PCT America METALS MIXING DEV TWO COMP	OF COATED THE DOW CHEMICAL COMPANY ICE FOR ONENT	11/19/2014 15/026261	2016-0265074 05/08/2018 9963757
POLYURETH FOAM 75268-AT-EPT Austria FORMULATI MIXING DEN TWO COMP POLYURETH FOAM 75268-BE-EPT Belgium FORMULATI MIXING DEN TWO COMP	THE DOW CHEMICAL ON COMPANY DICE FOR ONENT ANE THE DOW CHEMICAL ON COMPANY DICE FOR	09/02/2014 14762207.0 09/02/2014 14762207.0	3013545 3013545
POLYURETH FOAM	THE DOW CHEMICAL		
75268-CA-PCT Canada FORMULATI MIXING DEV		09/02/2014 2922988	07/17/2018 2922988
TWO COMP POLYURETH FOAM 75268-CN-PCT China FORMULATI	ANE THE DOW CHEMICAL	09/02/2014 201480048735.X	105517766 09/08/2017 201480048735.X
MIXING DEV TWO COMP POLYURETH FOAM	ONENT ANE THE DOW CHEMICAL		
75268-CZ-EPT Czech Republic FORMULATI MIXING DES TWO COMP	ICE FOR	09/02/2014 14762207.0	3013545
POLYURETH FOAM			
75268-DE-EPT Germany FORMULATI MIXING DEV	ON COMPANY	09/02/2014 14762207.0	3013545
TWO COMP POLYURETH			
European FOAM 75268-EP-EPT Procedure (Patents) FORMULATI		09/02/2014 14762207.0	3013545
MIXING DES TWO COMP POLYURETH	ONENT		
FOAM 75268-ES-EPT Spain FORMULATI	THE DOW CHEMICAL	09/02/2014 14762207.0	3013545
MIXING DE\ TWO COMP	ICE FOR		
POLYURETH FOAM	ANE THE DOW CHEMICAL		
75268-FI-EPT Finland FORMULATI MIXING DEV		09/02/2014 14762207.0	3013545
TWO COMP POLYURETH			
FOAM 75268-FR-EPT France FORMULATI		09/02/2014 14762207.0	3013545
MIXING DEV	ONENT		
POLYURETH FOAM 75268-GB-EPT United Kingdom FORMULATI	THE DOW CHEMICAL	09/02/2014 14762207.0	3013545
MIXING DEX	ICE FOR	03/02/2014 14/02207.0	3013343
POLYURETH FOAM	ANE THE DOW CHEMICAL		
75268-IE-EPT Ireland FORMULATI MIXING DEV TWO COMP	ICE FOR ONENT	09/02/2014 14762207.0	3013545
POLYURETH FOAM	THE DOW CHEMICAL	00/02/2014 1470222	2042545
75268-IT-EPT Italy FORMULATI MIXING DES TWO COMP	ICE FOR	09/02/2014 14762207.0	3013545
POLYURETH FOAM 75268-JP-PCT Japan FORMULATI	ANE THE DOW CHEMICAL	09/02/2014 2016-540302	2016-536130 06/16/2017 6159032

		MIXING DEVICE FOR TWO COMPONENT POLYURETHANE FOAM	THE DOW CHEMICAL		
75268-NL-EPT	Netherlands	FORMULATION	COMPANY	09/02/2014 14762207.0	3013545
73230 NE EL T	110000000	MIXING DEVICE FOR TWO COMPONENT POLYURETHANE FOAM	THE DOW CHEMICAL	03,02,103.4 147,02107.0	30,1376
75268-PL-EPT	Poland United States Of	FORMULATION MIXING DEVICE FOR TWO COMPONENT POLYURETHANE FOAM	COMPANY THE DOW CHEMICAL	09/02/2014 14762207.0	3013545
75268-US-PCT	America		COMPANY	09/02/2014 14/908040	2016-0175788
75269-CA-PCT	Canada	CARBOXYLIC ACID COPOLYMER FOAM STYRENE-	THE DOW CHEMICAL COMPANY	10/29/2014 2929208	
75269-CN-PCT	China	COPOLYMER FOAM	THE DOW CHEMICAL COMPANY	10/29/2014 201480059175.8	105683270
75269-EP-EPT	European Procedure (Patents)	STYRENE- CARBOXYLIC ACID COPOLYMER FOAM	THE DOW CHEMICAL COMPANY	10/29/2014 14795931.6	3036278
	•••••••••••••••••••••••••••••••••••••••	STYRENE- CARBOXYLIC ACID	THE DOW CHEMICAL		
75269-JP-PCT	Japan	COPOLYMER FOAM	COMPANY	10/29/2014 2016-526085	2016-535132 03/16/2018 6306699
		THERMOPLASTIC FOAM DENSIFICATION PROCESS AND COMPOSITE STRUCTURES INCORPORATING THE DENSIFIED RIGID THERMOPLASTIC	THE DOW CHEMICAL		
75480-CA-PCT	Canada	RIGID THERMOPLASTIC FOAM DENSIFICATION PROCESS AND COMPOSITE STRUCTURES INCORPORATING THE DENSIFIED RIGID THERMOPLASTIC FOAM	THE DOW CHEMICAL COMPANY	12/12/2014 2933690 12/12/2014 201480066453.2	105793008
/340U-UN-PU	European	RIGID THERMOPLASTIC FOAM DENSIFICATION PROCESS AND COMPOSITE STRUCTURES INCORPORATING THE DENSIFIED RIGID THERMOPLASTIC		12/12/2014 201480000495.2	103/33000
75480-EP-EPT	Procedure (Patents)		COMPANY	12/12/2014 14824281.1	3083181

75480-JP-PCT Japan	RIGID THERMOPLASTIC FOAM DENSIFICATION PROCESS AND COMPOSITE STRUCTURES INCORPORATING THE DENSIFIED RIGID THERMOPLASTIC FOAM	THE DOW CHEMICAL COMPANY	12/12/2014 2016-536520	2017-504679	
United States Of 75480-US-PCT America	RIGID THERMOPLASTIC FOAM DENSIFICATION PROCESS AND COMPOSITE STRUCTURES INCORPORATING THE DENSIFIED RIGID THERMOPLASTIC FOAM	THE DOW CHEMICAL COMPANY	12/12/2014 15/103260		
75481-CA-PCT Canada	FOAMED STYRENIC POLYMERS CONTAINING A BROMINATED STYRENE-BUTADIENE COPOLYMER AND HAVING ENHANCED CELL SIZE HOMOGENEITY	THE DOW CHEMICAL COMPANY	10/30/2013 2928728		
75481-CN-PCT China	FOAMED STYRENIC POLYMERS CONTAINING A BROMINATED STYRENE-BUTADIENE COPOLYMER AND HAVING ENHANCED CELL SIZE HOMOGENEITY	THE DOW CHEMICAL COMPANY	10/30/2013 201380080388.4	105658711	
75481-DE-EPT Germany	FOAMED STYRENIC POLYMERS CONTAINING A BROMINATED STYRENE-BUTADIENE COPOLYMER AND HAVING ENHANCED CELL SIZE HOMOGENEITY	THE DOW CHEMICAL COMPANY	10/30/2013 13789446.5	3063216	03/22/2017 602013018950.1
75481-ES-EPT Spain	FOAMED STYRENIC POLYMERS CONTAINING A BROMINATED STYRENE-BUTADIENE COPOLYMER AND HAVING ENHANCED CELL SIZE HOMOGENEITY	THE DOW CHEMICAL COMPANY	10/30/2013 13789446.5	3063216	03/22/2017 3063216
75481-FR-EPT France	FOAMED STYRENIC POLYMERS CONTAINING A BROMINATED STYRENE-BUTADIENE COPOLYMER AND HAVING ENHANCED CELL SIZE HOMOGENEITY	THE DOW CHEMICAL COMPANY	10/30/2013 13789446.5	3063216	03/22/2017 3063216

75481-GB-EPT United Kingdom	FOAMED STYRENIC POLYMERS CONTAINING A BROMINATED STYRENE-BUTADIENE COPOLYMER AND HAVING ENHANCED CELL SIZE HOMOGENEITY	THE DOW CHEMICAL COMPANY	10/30/2013 13789446:5	3063216	03/22/2017 3063216
75481-GR-EPT Greece	FOAMED STYRENIC POLYMERS CONTAINING A BROMINATED STYRENE-BUTADIENE COPOLYMER AND HAVING ENHANCED CELL SIZE HOMOGENEITY	THE DOW CHEMICAL COMPANY	10/30/2013 13789446.5	3063216	03/22/2017 3063216
75481-IT-EPT Italy	FOAMED STYRENIC POLYMERS CONTAINING A BROMINATED STYRENE-BUTADIENE COPOLYMER AND HAVING ENHANCED CELL SIZE HOMOGENEITY	THE DOW CHEMICAL COMPANY	10/30/2013 13789446.5	3063216	03/22/2017 50201700006639
75481-JP-PCT Japan	FOAMED STYRENIC POLYMERS CONTAINING A BROMINATED STYRENE-BUTADIENE COPOLYMER AND HAVING ENHANCED CELL SIZE HOMOGENEITY	THE DOW CHEMICAL COMPANY	10/30/2013 2016-526086	2016-535133	01/12/2018 6273001
75481-NL-EPT Netherlands	FOAMED STYRENIC POLYMERS CONTAINING A BROMINATED STYRENE-BUTADIENE COPOLYMER AND HAVING ENHANCED CELL SIZE HOMOGENEITY	THE DOW CHEMICAL COMPANY	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	THE DOW CHEMICAL COMPANY	10/30/2013 13789446.5	3063216	03/22/2017 3063216
United States Of 75481-US-PCT America	FOAMED STYRENIC POLYMERS CONTAINING A BROMINATED STYRENE-BUTADIENE COPOLYMER AND HAVING ENHANCED CELL SIZE HOMOGENEITY		10/30/2013 14/917005		10/09/2018 10093781

75491-CA-PCT Canada 75491-CN-PCT China	FLAME-RETARDANT COPOLYMERS OF DIALKYL (METH) ACRYLOYLOXYALKYL PHOSPHATE OR DIALKYL (METH) ACRYLOYLOXYALKYL PHOSPHONATE MONOMERS AND POLYMER FOAMS BASED MADE THEREFROM FLAME-RETARDANT COPOLYMERS OF DIALKYL (METH) ACRYLOYLOXYALKYL PHOSPHATE OR DIALKYL (METH) ACRYLOYLOXYALKYL PHOSPHONATE MONOMERS AND POLYMER FOAMS BASED MADE THEREFROM FLAME-RETARDANT COPOLYMERS OF DIALKYL (METH) ACRYLOYLOXYALKYL PHOSPHONATE MONOMERS AND POLYMER FOAMS BASED MADE THEREFROM FLAME-RETARDANT COPOLYMERS OF DIALKYL (METH) ACRYLOYLOXYALKYL PHOSPHATE OR DIALKYL (METH) ACRYLOYLOXYALKYL PHOSPHONATE MONOMERS AND	THE DOW CHEMICAL COMPANY	12/27/2013	2934375 201380081714.3	105829416	
European	POLYMER FOAMS BASED MADE	THE DOW CHEMICAL				
75491-EP-EPT Procedure (Pater		COMPANY	12/27/2013	13900089.7	3087128	
75491-JP-PCT Japan  United States Of 75491-US-PCT America	FLAME-RETARDANT COPOLYMERS OF DIALKYL (METH) ACRYLOYLOXYALKYL PHOSPHATE OR DIALKYL (METH) ACRYLOYLOXYALKYL PHOSPHONATE MONOMERS AND POLYMER FOAMS BASED MADE THEREFROM FLAME-RETARDANT COPOLYMERS OF DIALKYL (METH) ACRYLOYLOXYALKYL PHOSPHATE OR DIALKYL (METH) ACRYLOYLOXYALKYL PHOSPHONATE MONOMERS AND POLYMER FOAMS BASED MADE THEREFROM FLAME-RETARDANT THEREFROM FLAME-RETARDANT COPOLYMERS OF DIALKYL (METH) ACRYLOYLOXYALKYL PHOSPHONATE MONOMERS AND POLYMER FOAMS BASED MADE	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL		2016-537541	2016-540086	02/16/2018 6291059
75491-US-PCT America	THEREFROM	COMPANY	12/27/2013	T2\T00A2P	2016-0304692	12/12/2017 9840605
75612-DE-EPT Germany	METHOD TO REDUCE AIR INFILTRATION THROUGH AN INSULATED FRAME CONSTRUCTION METHOD TO REDUCE AIR INFILTRATION	THE DOW CHEMICAL COMPANY	12/12/2014	14830909.9	3084059	07/25/2018 3084059
European 75612-EP-EPT Procedure (Pater	THROUGH AN INSULATED FRAME its) CONSTRUCTION	THE DOW CHEMICAL COMPANY	12/12/2014	14830909.9	3084059	07/25/2018 3084059

	METHOD TO REDUCE				
	AIR INFILTRATION				
	THROUGH AN				
	INSULATED FRAME	THE DOW CHEMICAL			
75612-FR-EPT France	CONSTRUCTION	COMPANY	12/12/2014 14830909.9	3084059	07/25/2018 3084059
	METHOD TO REDUCE				
	AIR INFILTRATION				
	THROUGH AN				
	INSULATED FRAME	THE DOW CHEMICAL			
75612-GB-EPT United Kingdom	CONSTRUCTION	COMPANY	12/12/2014 14830909.9	3084059	07/25/2018 3084059
	METHOD TO REDUCE				
	AIR INFILTRATION				
	THROUGH AN				
	INSULATED FRAME	THE DOW CHEMICAL			
75612-GR-EPT Greece	CONSTRUCTION	COMPANY	12/12/2014 14830909.9	3084059	07/25/2018 3084059
	METHOD TO REDUCE				
	AIR INFILTRATION				
	THROUGH AN				
	INSULATED FRAME	THE DOW CHEMICAL			
75612-IT-EPT Italy	CONSTRUCTION	COMPANY	12/12/2014 14830909.9	3084059	07/25/2018 3084059
	METHOD TO REDUCE				
	AIR INFILTRATION				
	THROUGH AN	THE DOWN CHENNESS			
7F613 ID DET	INSULATED FRAME	THE DOW CHEMICAL	13/13/3014 3016 536534	2017 501220	04 /42 /2040 - 0222040
75612-JP-PCT Japan	CONSTRUCTION	COMPANY	12/12/2014 2016-536574	2017-501320	01/12/2018 6273016
	METHOD TO BEDLICE				
	METHOD TO REDUCE				
	AIR INFILTRATION THROUGH AN				
	INSULATED FRAME	THE DOW CHEMICAL			
75612-NL-EPT Netherlands	CONSTRUCTION	COMPANY	12/12/2014 14830909.9	3084059	07/25/2018 3084059
	METHOD TO REDUCE				
	AIR INFILTRATION				
United States Of	AIR INFILTRATION THROUGH AN				
United States Of 75612-US-CNT America	AIR INFILTRATION	THE DOW CHEMICAL COMPANY	10/10/2017 15/728702	2018-0030720	
	AIR INFILTRATION THROUGH AN INSULATED FRAME	THE DOW CHEMICAL	10/10/2017 15/728702	2018-0030720	
	AIR INFILTRATION THROUGH AN INSULATED FRAME	THE DOW CHEMICAL COMPANY	10/10/2017 15/728702	2018-0030720	
	AIR INFILTRATION THROUGH AN INSULATED FRAME CONSTRUCTION	THE DOW CHEMICAL COMPANY	10/10/2017 15/728702	2018-0030720	
	AIR INFILTRATION THROUGH AN INSULATED FRAME CONSTRUCTION METHOD TO REDUCE	THE DOW CHEMICAL COMPANY	10/10/2017 15/728702	2018-0030720	
	AIR INFILTRATION THROUGH AN INSULATED FRAME CONSTRUCTION METHOD TO REDUCE AIR INFILTRATION	THE DOW CHEMICAL COMPANY	10/10/2017 15/728702	2018-0030720	
75612-US-CNT America	AIR INFILTRATION THROUGH AN INSULATED FRAME CONSTRUCTION  METHOD TO REDUCE AIR INFILTRATION THROUGH AN INSULATED FRAME CONSTRUCTION	THE DOW CHEMICAL COMPANY	10/10/2017 15/728702 12/12/2014 15/103466	2018-0030720	11/28/2017 9828764
75612-US-CNT America  United States Of	AIR INFILTRATION THROUGH AN INSULATED FRAME CONSTRUCTION  METHOD TO REDUCE AIR INFILTRATION THROUGH AN INSULATED FRAME CONSTRUCTION FIBER MESH	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY		2018-0030720	11/28/2017 9828764
75612-US-CNT America  United States Of 75612-US-PCT America	AIR INFILTRATION THROUGH AN INSULATED FRAME CONSTRUCTION  METHOD TO REDUCE AIR INFILTRATION THROUGH AN INSULATED FRAME CONSTRUCTION FIBER MESH REINFORCED SHEAR	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL	12/12/2014 15/103466	2018-0030720	11/28/2017 9828764
75612-US-CNT America  United States Of	AIR INFILTRATION THROUGH AN INSULATED FRAME CONSTRUCTION  METHOD TO REDUCE AIR INFILTRATION THROUGH AN INSULATED FRAME CONSTRUCTION FIBER MESH REINFORCED SHEAR WALL	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY		2018-0030720	11/28/2017 9828764
75612-US-CNT America  United States Of 75612-US-PCT America	AIR INFILTRATION THROUGH AN INSULATED FRAME CONSTRUCTION  METHOD TO REDUCE AIR INFILTRATION THROUGH AN INSULATED FRAME CONSTRUCTION FIBER MESH REINFORCED SHEAR WALL FIBER MESH	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	12/12/2014 15/103466	2018-0030720	11/28/2017 9828764
75612-US-CNT America  United States Of 75612-US-PCT America  75613-CA-PCT Canada	AIR INFILTRATION THROUGH AN INSULATED FRAME CONSTRUCTION  METHOD TO REDUCE AIR INFILTRATION THROUGH AN INSULATED FRAME CONSTRUCTION FIBER MESH REINFORCED SHEAR WALL FIBER MESH REINFORCED SHEAR	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL	12/12/2014 15/103466 12/12/2014 2933840		
75612-US-CNT America  United States Of 75612-US-PCT America	AIR INFILTRATION THROUGH AN INSULATED FRAME CONSTRUCTION  METHOD TO REDUCE AIR INFILTRATION THROUGH AN INSULATED FRAME CONSTRUCTION FIBER MESH REINFORCED SHEAR WALL FIBER MESH REINFORCED SHEAR WALL WALL WALL WALL WALL WALL WALL WA	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	12/12/2014 15/103466	<b>2018-0030720</b> <b>2016-540142</b>	11/28/2017 9828764 04/27/2018 6329266
75612-US-CNT America  United States Of 75612-US-PCT America  75613-CA-PCT Canada  75613-JP-PCT Japan	AIR INFILTRATION THROUGH AN INSULATED FRAME CONSTRUCTION  METHOD TO REDUCE AIR INFILTRATION THROUGH AN INSULATED FRAME CONSTRUCTION FIBER MESH REINFORCED SHEAR WALL FIBER MESH REINFORCED SHEAR WALL FIBER MESH	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	12/12/2014 15/103466 12/12/2014 2933840		
75612-US-CNT America  United States Of America  75613-CA-PCT Canada  75613-JP-PCT Japan United States Of	AIR INFILTRATION THROUGH AN INSULATED FRAME CONSTRUCTION  METHOD TO REDUCE AIR INFILTRATION THROUGH AN INSULATED FRAME CONSTRUCTION FIBER MESH REINFORCED SHEAR WALL FIBER MESH WALL FIBER MESH REINFORCED SHEAR WALL FIBER MESH REINFORCED SHEAR	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL	12/12/2014 15/103466 12/12/2014 2933840 12/12/2014 2016-538787		04/27/2018 6329266
75612-US-CNT America  United States Of 75612-US-PCT America  75613-CA-PCT Canada  75613-JP-PCT Japan	AIR INFILTRATION THROUGH AN INSULATED FRAME CONSTRUCTION  METHOD TO REDUCE AIR INFILTRATION THROUGH AN INSULATED FRAME CONSTRUCTION FIBER MESH REINFORCED SHEAR WALL FIBER MESH REINFORCED SHEAR WALL FIBER MESH	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	12/12/2014 15/103466 12/12/2014 2933840		
75612-US-CNT America  United States Of America  75613-CA-PCT Canada  75613-JP-PCT Japan United States Of	AIR INFILTRATION THROUGH AN INSULATED FRAME CONSTRUCTION  METHOD TO REDUCE AIR INFILTRATION THROUGH AN INSULATED FRAME CONSTRUCTION FIBER MESH REINFORCED SHEAR WALL	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL	12/12/2014 15/103466 12/12/2014 2933840 12/12/2014 2016-538787		04/27/2018 6329266
75612-US-CNT America  United States Of America  75613-CA-PCT Canada  75613-JP-PCT Japan United States Of	AIR INFILTRATION THROUGH AN INSULATED FRAME CONSTRUCTION  METHOD TO REDUCE AIR INFILTRATION THROUGH AN INSULATED FRAME CONSTRUCTION FIBER MESH REINFORCED SHEAR WALL PROCESS FOR	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL	12/12/2014 15/103466 12/12/2014 2933840 12/12/2014 2016-538787		04/27/2018 6329266
75612-US-CNT America  United States Of America  75613-CA-PCT Canada  75613-JP-PCT Japan United States Of	AIR INFILTRATION THROUGH AN INSULATED FRAME CONSTRUCTION  METHOD TO REDUCE AIR INFILTRATION THROUGH AN INSULATED FRAME CONSTRUCTION FIBER MESH REINFORCED SHEAR WALL PROCESS FOR RECOVERING	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL	12/12/2014 15/103466 12/12/2014 2933840 12/12/2014 2016-538787		04/27/2018 6329266
75612-US-CNT America  United States Of America  75613-CA-PCT Canada  75613-JP-PCT Japan United States Of	AIR INFILTRATION THROUGH AN INSULATED FRAME CONSTRUCTION  METHOD TO REDUCE AIR INFILTRATION THROUGH AN INSULATED FRAME CONSTRUCTION FIBER MESH REINFORCED SHEAR WALL PROCESS FOR RECOVERING BROMINATED	THE DOW CHEMICAL COMPANY	12/12/2014 15/103466 12/12/2014 2933840 12/12/2014 2016-538787		04/27/2018 6329266
75612-US-CNT America  United States Of America  75613-CA-PCT Canada  75613-JP-PCT Japan United States Of	AIR INFILTRATION THROUGH AN INSULATED FRAME CONSTRUCTION  METHOD TO REDUCE AIR INFILTRATION THROUGH AN INSULATED FRAME CONSTRUCTION FIBER MESH REINFORCED SHEAR WALL PROCESS FOR RECOVERING BROMINATED STYRENE-BUTADIENE	THE DOW CHEMICAL COMPANY	12/12/2014 15/103466 12/12/2014 2933840 12/12/2014 2016-538787		04/27/2018 6329266
75612-US-CNT America  United States Of America  75613-CA-PCT Canada  75613-JP-PCT Japan United States Of	AIR INFILTRATION THROUGH AN INSULATED FRAME CONSTRUCTION  METHOD TO REDUCE AIR INFILTRATION THROUGH AN INSULATED FRAME CONSTRUCTION FIBER MESH REINFORCED SHEAR WALL SHEENFORCED SHEAR FROME STYRENE-BUTADIENE COPOLYMER FROM	THE DOW CHEMICAL COMPANY	12/12/2014 15/103466 12/12/2014 2933840 12/12/2014 2016-538787		04/27/2018 6329266
75612-US-CNT America  United States Of America  75613-CA-PCT Canada  75613-JP-PCT Japan  United States Of America	AIR INFILTRATION THROUGH AN INSULATED FRAME CONSTRUCTION  METHOD TO REDUCE AIR INFILTRATION THROUGH AN INSULATED FRAME CONSTRUCTION FIBER MESH REINFORCED SHEAR WALL SHERN MESH REINFORCED SHEAR WALL PROCESS FOR RECOVERING BROMINATED STYRENE-BUTADIENE COPOLYMER FROM AN ORGANIC	THE DOW CHEMICAL COMPANY	12/12/2014 15/103466 12/12/2014 2933840 12/12/2014 2016-538787 12/12/2014 15/103816	2016-540142	04/27/2018 6329266
75612-US-CNT America  United States Of America  75613-CA-PCT Canada  75613-JP-PCT Japan United States Of	AIR INFILTRATION THROUGH AN INSULATED FRAME CONSTRUCTION  METHOD TO REDUCE AIR INFILTRATION THROUGH AN INSULATED FRAME CONSTRUCTION FIBER MESH REINFORCED SHEAR WALL SHEENFORCED SHEAR FROME STYRENE-BUTADIENE COPOLYMER FROM	THE DOW CHEMICAL COMPANY	12/12/2014 15/103466 12/12/2014 2933840 12/12/2014 2016-538787	2016-540142	04/27/2018 6329266
75612-US-CNT America  United States Of America  75613-CA-PCT Canada  75613-JP-PCT Japan  United States Of America	AIR INFILTRATION THROUGH AN INSULATED FRAME CONSTRUCTION  METHOD TO REDUCE AIR INFILTRATION THROUGH AN INSULATED FRAME CONSTRUCTION FIBER MESH REINFORCED SHEAR WALL SHERN MESH REINFORCED SHEAR WALL PROCESS FOR RECOVERING BROMINATED STYRENE-BUTADIENE COPOLYMER FROM AN ORGANIC	THE DOW CHEMICAL COMPANY	12/12/2014 15/103466 12/12/2014 2933840 12/12/2014 2016-538787 12/12/2014 15/103816	2016-540142	04/27/2018 6329266
75612-US-CNT America  United States Of America  75613-CA-PCT Canada  75613-JP-PCT Japan  United States Of America	AIR INFILTRATION THROUGH AN INSULATED FRAME CONSTRUCTION  METHOD TO REDUCE AIR INFILTRATION THROUGH AN INSULATED FRAME CONSTRUCTION FIBER MESH REINFORCED SHEAR WALL FIBER MESH REINFORCED SHEAR WALL PROCESS FOR RECOVERING BROMINATED STYRENE-BUTADIENE COPOLYMER FROM AN ORGANIC SOLVENT	THE DOW CHEMICAL COMPANY	12/12/2014 15/103466 12/12/2014 2933840 12/12/2014 2016-538787 12/12/2014 15/103816	2016-540142	04/27/2018 6329266
75612-US-CNT America  United States Of America  75613-CA-PCT Canada  75613-JP-PCT Japan  United States Of America	AIR INFILTRATION THROUGH AN INSULATED FRAME CONSTRUCTION  METHOD TO REDUCE AIR INFILTRATION THROUGH AN INSULATED FRAME CONSTRUCTION FIBER MESH REINFORCED SHEAR WALL FIBER MESH REINFORCED SHEAR WALL FIBER MESH REINFORCED SHEAR WALL PROCESS FOR RECOVERING BROMINATED STYRENE-BUTADIENE COPOLYMER FROM AN ORGANIC SOLVENT	THE DOW CHEMICAL COMPANY	12/12/2014 15/103466 12/12/2014 2933840 12/12/2014 2016-538787 12/12/2014 15/103816	2016-540142	04/27/2018 6329266
75612-US-CNT America  United States Of America  75613-CA-PCT Canada  75613-JP-PCT Japan  United States Of America	AIR INFILTRATION THROUGH AN INSULATED FRAME CONSTRUCTION  METHOD TO REDUCE AIR INFILTRATION THROUGH AN INSULATED FRAME CONSTRUCTION FIBER MESH REINFORCED SHEAR WALL FIBER MESH REINFORCED SHEAR WALL PROCESS FOR RECOVERING BROMINATED STYRENE-BUTADIENE COPOLYMER FROM AN ORGANIC SOLVENT  PROCESS FOR RECOVERING	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	12/12/2014 15/103466 12/12/2014 2933840 12/12/2014 2016-538787 12/12/2014 15/103816	2016-540142	04/27/2018 6329266
75612-US-CNT America  United States Of America  75613-CA-PCT Canada  75613-JP-PCT Japan  United States Of America	AIR INFILTRATION THROUGH AN INSULATED FRAME CONSTRUCTION  METHOD TO REDUCE AIR INFILTRATION THROUGH AN INSULATED FRAME CONSTRUCTION FIBER MESH REINFORCED SHEAR WALL FIBER MESH REINFORCED SHEAR WALL PROCESS FOR RECOVERING BROMINATED STYRENE-BUTADIENE COPOLYMER FROM AN ORGANIC SOLVENT  PROCESS FOR RECOVERING BROMINATED STYRENE-BUTADIENE COPOLYMER FROM AN ORGANIC SOLVENT	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	12/12/2014 15/103466 12/12/2014 2933840 12/12/2014 2016-538787 12/12/2014 15/103816	2016-540142	04/27/2018 6329266
75612-US-CNT America  United States Of America  75613-CA-PCT Canada  75613-JP-PCT Japan  United States Of America	AIR INFILTRATION THROUGH AN INSULATED FRAME CONSTRUCTION  METHOD TO REDUCE AIR INFILTRATION THROUGH AN INSULATED FRAME CONSTRUCTION FIBER MESH REINFORCED SHEAR WALL FIBER MESH REINFORCED SHEAR WALL FIBER MESH REINFORCED SHEAR WALL PROCESS FOR RECOVERING BROMINATED STYRENE-BUTADIENE COPOLYMER FROM AN ORGANIC SOLVENT  PROCESS FOR RECOVERING BROMINATED STYRENE-BUTADIENE STYRENE-BUTADIENE STYRENE-BUTADIENE STYRENE-BUTADIENE STYRENE-BUTADIENE	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	12/12/2014 15/103466 12/12/2014 2933840 12/12/2014 2016-538787 12/12/2014 15/103816	2016-540142	04/27/2018 6329266
75612-US-CNT America  United States Of America  75613-CA-PCT Canada  75613-JP-PCT Japan  United States Of America	AIR INFILTRATION THROUGH AN INSULATED FRAME CONSTRUCTION  METHOD TO REDUCE AIR INFILTRATION THROUGH AN INSULATED FRAME CONSTRUCTION FIBER MESH REINFORCED SHEAR WALL FIBER MESH REINFORCED SHEAR WALL FIBER MESH REINFORCED SHEAR WALL PROCESS FOR RECOVERING BROMINATED STYRENE-BUTADIENE COPOLYMER FROM AN ORGANIC SOLVENT  PROCESS FOR RECOVERING BROMINATED STYRENE-BUTADIENE COPOLYMER FROM STYRENE-BUTADIENE COPOLYMER FROM STYRENE-BUTADIENE COPOLYMER FROM	THE DOW CHEMICAL COMPANY	12/12/2014 15/103466 12/12/2014 2933840 12/12/2014 2016-538787 12/12/2014 15/103816	2016-540142	04/27/2018 6329266

	PROCESS FOR					
	RECOVERING BROMINATED					
	STYRENE-BUTADIENE					
	COPOLYMER FROM AN ORGANIC	THE DOW CHEMICAL				
75659-FR-EPT France	SOLVENT	COMPANY	12/12/2014	14824282.9	3087102	06/14/2017 3087102
	PROCESS FOR					
	RECOVERING					
	BROMINATED					
	STYRENE-BUTADIENE COPOLYMER FROM					
	AN ORGANIC	THE DOW CHEMICAL				
75659-G8-EPT United Kingdom	SOLVENT	COMPANY	12/12/2014	14824282.9	3087102	06/14/2017 3087102
	PROCESS FOR					
	RECOVERING BROMINATED					
	STYRENE-BUTADIENE					
	COPOLYMER FROM	THE DOW CHEMICAL				
75659-IL-PCT Israel	AN ORGANIC SOLVENT	COMPANY	12/12/2014	246302		
	PROCESS FOR RECOVERING					
	BROMINATED					
	STYRENE-BUTADIENE COPOLYMER FROM					
	AN ORGANIC	THE DOW CHEMICAL				
75659-JP-PCT Japan	SOLVENT	COMPANY	12/12/2014	2016-541477	2017-500414	12/08/2017 6254706
	PROCESS FOR					
	RECOVERING BROMINATED					
	STYRENE-BUTADIENE					
	COPOLYMER FROM					
75659-NL-EPT Netherlands	AN ORGANIC SOLVENT	THE DOW CHEMICAL COMPANY	12/12/2014	14824282.9	3087102	06/14/2017 3087102
	PROCESS FOR RECOVERING					
	BROMINATED					
	STYRENE-BUTADIENE COPOLYMER FROM					
United States Of	AN ORGANIC	THE DOW CHEMICAL				
75659-US-PCT America	SOLVENT METHOD OF	COMPANY	12/12/2014	15/101383		09/12/2017 9758611
	PRODUCING	THE DOW CHEMICAL				
75826-AT-EPT Austria	FOAMED SLABS METHOD OF	COMPANY	07/05/2000	00953010.6	1196486	10/01/2003 1196486
	PRODUCING	THE DOW CHEMICAL				
75826-BE-EPT Belgium	FOAMED SLABS METHOD OF	COMPANY	07/05/2000	00953010.6	1196486	10/01/2003 1196486
	PRODUCING	THE DOW CHEMICAL				
75826-DE-EPT Germany	FOAMED SLABS METHOD OF	COMPANY	07/05/2000	00953010.6	1196486	10/01/2003 50003917
	PRODUCING	THE DOW CHEMICAL				
75826-ES-EPT Spain	FOAMED SLABS	COMPANY	07/05/2000	00953010.6	1196486	10/01/2003 1196486
	METHOD OF PRODUCING	THE DOW CHEMICAL				
75826-FR-EPT France	FOAMED SLABS	COMPANY	07/05/2000	00953010.6	1196486	10/01/2003 1196486
	METHOD OF PRODUCING	THE DOW CHEMICAL				
75826-IT-EPT Italy	FOAMED SLABS	COMPANY	07/05/2000	00953010.6	1196486	10/01/2003 1196486
	METHOD OF PRODUCING	THE DOW CHEMICAL				
75826-NL-EPT Netherlands	FOAMED SLABS	COMPANY	07/05/2000	00953010.6	1196486	10/01/2003 1196486
	STABLE STYRENIC FOAM WITH METAL					
	OXIDE INFRARED	THE DOW CHEMICAL				
75867-CA-PCT Canada	ATTENUATOR	COMPANY	01/27/2015	2938673		

STABLE STYRENIC	
FOAM WITH METAL	
OXIDE INFRARED THE DOW CHEMICAL  75867-CN-PCT China ATTENUATOR COMPANY 01/27/2015 201580006122.4 105992793	
STABLE STYRENIC	
FOAM WITH METAL	
European OXIDE INFRARED THE DOW CHEMICAL 75867-EP-EPT Procedure (Patents) ATTENUATOR COMPANY 01/27/2015 15703203.8 3102630	
STABLE STYRENIC	266
FOAM WITH METAL OXIDE INFRARED THE DOW CHEMICAL	
75867-JP-PCT Japan ATTENUATOR COMPANY 01/27/2015 2016-549226 2017-504702	
STABLE STYRENIC	
FOAM WITH METAL United States Of OXIDE INFRARED THE DOW CHEMICAL	
75867-US-PCT America ATTENUATOR COMPANY 01/27/2015 15/109899 US-2018-0223063-A1	
NANOCELLULAR FORMALITIE COLID. THE DEBUG CHEATER	
FOAM WITH SOLID THE DOW CHEMICAL 03/18/2015 201580014583.6 106459427	
NANOCELLULAR	
FOAM WITH SOLID THE DOW CHEMICAL 76092-DE-EPT Germany FLAME RETARDANT COMPANY 03/18/2015 15714342.1 3122801 07/25/2018 3122801	
NANOCELLULAR	388
European FOAM WITH SOLID THE DOW CHEMICAL	
76092-EP-EPT Procedure (Patents) FLAME RETARDANT COMPANY 03/18/2015 15714342.1 3122801 07/25/2018 3122801 NANOCELLULAR	
FOAM WITH SOLID THE DOW CHEMICAL	
76092-ES-EPT Spain FLAME RETARDANT COMPANY 03/18/2015 15714342.1 3122801 07/25/2018 3122801 NANOCELLULAR	
FOAM WITH SOLID THE DOW CHEMICAL	
76092-FR-EPT France FLAME RETARDANT COMPANY 03/18/2015 15714342.1 3122801 07/25/2018 3122801	888
NANOCELLULAR FOAM WITH SOLID THE DOW CHEMICAL	
76092-GB-EPT United Kingdom FLAME RETARDANT COMPANY 03/18/2015 15714342.1 3122801 07/25/2018 3122801	
nanocellular Foam with solid <u>The Dow Chemical</u>	
76092-IT-EPT Italy FLAME RETARDANT COMPANY 03/18/2015 15714342.1 3122801 07/25/2018 3122801	
NANOCELLULAR FOAM WITH SOLID THE DOW CHEMICAL	
76092-IP-PCT Japan FLAME RETARDANT COMPANY 03/18/2015 2016-557309 2017-508052 12/08/2017 6254716	
NANOCELLULAR FORMANITALISCUED THE DOCUMENTAL STATE OF THE	
FOAM WITH SOLID THE DOW CHEMICAL  76092-NL-EPT Netherlands FLAME RETARDANT COMPANY 03/18/2015 15714342.1 3122801 07/25/2018 3122801	
NANOCELLULAR	
United States Of FOAM WITH SOLID THE DOW CHEMICAL 76092-US-PCT America FLAME RETARDANT COMPANY 03/18/2015 15/109935 2017-0002162 11/21/2017 9822230	
MOLD PROCESS FOR	3551
MAKING THE DOW CHEMICAL	
76114-CN-PCT China NANOFOAM COMPANY 05/20/2015 201580026424.8 106457629  MOLD PROCESS FOR	
European MAKING THE DOW CHEMICAL	
76114-EP-EPT Procedure (Patents) NANOFOAM COMPANY 05/20/2015 15727189.1 3148764  MOLD PROCESS FOR	
MAKING THE DOW CHEMICAL	
76114-JP-PCT Japan NANOFOAM COMPANY 05/20/2015 2017-512894 2017-517621 07/06/2018 6363791	
MOLD PROCESS FOR United States Of MAKING THE DOW CHEMICAL	
76114-US-PCT America NANOFOAM COMPANY 05/20/2015 15/121604 2017-0120486	
DISPENSER FOR TWO-	
COMPONENT SPRAY	
POLYURETHANE FORM THAT ARE	
FREE OF GASEOUS THE DOW CHEMICAL	
76800-BE-EPT Belgium BLOWING AGENTS COMPANY 09/15/2014 14902249.3 3194080	
DISPENSER FOR TWO	
COMPONENT SPRAY	
POLYURETHANE FORM THAT ARE	
FREE OF GASEOUS THE DOW CHEMICAL	
76800-CA-PCT Canada BLOWING AGENTS COMPANY 09/15/2014 2961091	

76800-CN-PCT 76800-DE-EPT	China	BLOWING AGENTS DISPENSER FOR TWO COMPONENT SPRAY POLYURETHANE FORM THAT ARE FREE OF GASEOUS	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	09/15/2014 09/15/2014	201480081787.7 14902249.3	106794479 3194080
76800-EP-EPT	European Procedure (Patents)		THE DOW CHEMICAL	09/15/2014	14902249.3	3194080
76800-ES-EPT	Spain		THE DOW CHEMICAL COMPANY	09/15/2014	14902249.3	3194080
76800-FR-EPT	France		THE DOW CHEMICAL COMPANY	09/15/2014	14902249.3	3194080
76800-GB-EPT	United Kingdom	COMPONENT SPRAY POLYURETHANE FORM THAT ARE FREE OF GASEOUS BLOWING AGENTS  DISPENSER FOR TWO-	THE DOW CHEMICAL COMPANY	09/15/2014	14902249.3	3194080
76800-IT-EPT	Italy	COMPONENT SPRAY POLYURETHANE FORM THAT ARE	THE DOW CHEMICAL COMPANY	09/15/2014	14902249.3	3194080
76800-IP-PCT	Japan		THE DOW CHEMICAL COMPANY	09/15/2014	2017-530374	2017-532199
76800-NL-EPT	Netherlands		THE DOW CHEMICAL COMPANY	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	THE DOW CHEMICAL COMPANY	09/15/2014	15/327283	2017-0157628 07/31/2018 10035155

	B2 RATED ONE COMPONENT SPRAY POLYURETHANE FOAM FORMULATION FOR FENESTRATION	THE DOW CHEMICAL			
77133-CA-PCT Canada	OPENINGS B2 RATED ONE COMPONENT SPRAY POLYURETHANE FOAM FORMULATION FOR	COMPANY	10/22/2015 2965506		
77133-CN-PCT China	FENESTRATION OPENINGS B2 RATED ONE COMPONENT SPRAY POLYURETHANE FOAM	THE DOW CHEMICAL COMPANY	10/22/2015 201580057847.6	107108835	
77133-DE-EPT Germany	FORMULATION FOR FENESTRATION OPENINGS	THE DOW CHEMICAL	10/22/2015 15791827.7	3212690	09/12/2018 3212690
European 77133-EP-EPT Procedure (Patents	B2 RATED ONE COMPONENT SPRAY POLYURETHANE FOAM FORMULATION FOR FENESTRATION	THE DOW CHEMICAL COMPANY	10/22/2015 15791827.7	3212690	09/12/2018 3212690
	B2 RATED ONE COMPONENT SPRAY POLYURETHANE FOAM FORMULATION FOR FENESTRATION	THE DOW CHEMICAL			
77133-ES-EPT Spain	OPENINGS B2 RATED ONE COMPONENT SPRAY POLYURETHANE FOAM FORMULATION FOR FENESTRATION	COMPANY  THE DOW CHEMICAL	10/22/2015 15791827.7	3212690	09/12/2018 3212690
77133-FR-EPT France	OPENINGS B2 RATED ONE COMPONENT SPRAY POLYURETHANE FOAM FORMULATION FOR	COMPANY	10/22/2015 15791827.7	3212690	09/12/2018 3212690
77133-GR-EPT Greece	FENESTRATION OPENINGS	THE DOW CHEMICAL COMPANY	10/22/2015 15791827.7	3212690	09/12/2018 3212690
	B2 RATED ONE COMPONENT SPRAY POLYURETHANE FOAM FORMULATION FOR FENESTRATION	THE DOW CHEMICAL	3,2,2	511255	3, 2, 2
77133-П-ЕРТ Italy	OPENINGS B2 RATED ONE COMPONENT SPRAY POLYURETHANE FOAM FORMULATION FOR	COMPANY	10/22/2015 15791827.7	3212690	09/12/2018 3212690
77133-JP-PCT Japan 77133-NL-EPT Netherlands	FENESTRATION OPENINGS B2 RATED ONE COMPONENT SPRAY POLYURETHANE FOAM FORMULATION FOR FENESTRATION OPENINGS	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	10/22/2015 2017-522388 10/22/2015 15791827.7	2017-535639 3212690	09/12/2018 3212690

		B2 RATED ONE			
		COMPONENT SPRAY			
		POLYURETHANE FOAM			
		FORMULATION FOR			
		FENESTRATION	THE DOW CHEMICAL		
77133-US-PCT A		OPENINGS VENTED INSULATED	COMPANY	10/22/2015 15/516797	2017-0247591
77263-CA-PCT C		SPA COVER	THE DOW CHEMICAL COMPANY	11/12/2015 2967354	
-505077.5050050050505000000000			THE DOW CHEMICAL		
	ו•••	SPA COVER	COMPANY	11/12/2015 2017-526496	2017-537691
		VENTED INSULATED SPA COVER	THE DOW CHEMICAL COMPANY	11/12/2015 15/521420	2017-0314281
//403 03 1 01		METHOD FOR		+4/+6/+9/40	
		PRODUCING			
		BROMINATED AND HALOHYDRATED	THE DOW CHEMICAL		
77344-CA-PCT C		POLYMERS	COMPANY	01/27/2016 2975380	
		METHOD FOR			
		PRODUCING			
		BROMINATED AND HALOHYDRATED	THE DOW CHEMICAL		
77344-CN-PCT C	hina	POLYMERS	COMPANY	01/27/2016 201680006761.5	107207631
		METHOD FOR			
		PRODUCING BROMINATED AND			
E		HALOHYDRATED	THE DOW CHEMICAL		
77344-EP-EPT P	rocedure (Patents)		COMPANY	01/27/2016 16704979.0	3250613
		METHOD FOR PRODUCING			
		BROMINATED AND			
		HALOHYDRATED	THE DOW CHEMICAL		
77344-JP-PCT Ja	0.0000000000000000000000000000000000000	POLYMERS METHOD FOR	COMPANY	01/27/2016 2017-538950	2018-507286
		PRODUCING			
		BROMINATED AND			
		HALOHYDRATED POLYMERS	THE DOW CHEMICAL COMPANY	01/27/2016 15/542424	2018-0002455
		THERMALLY		,,	
		INSULATING FOAM WITH VERTICALLY	THE DOW CHEMICAL		
77690-CA-PCT C		ELONGATED CELLS	COMPANY	04/07/2016 2982347	
***************************************		THERMALLY			
		INSULATING FOAM WITH VERTICALLY	THE DOW CHEMICAL		
77690-CN-PCT C		ELONGATED CELLS	COMPANY	04/07/2016 201680020906.7	
		THERMALLY			
E		INSULATING FOAM	THE DOW CHEMICAL		
	uropean rocedure (Patents)	WITH VERTICALLY ELONGATED CELLS	THE DOW CHEMICAL COMPANY	04/07/2016 16718089.2	3283560
		THERMALLY			
		INSULATING FOAM WITH VERTICALLY	THE DOW CHEMICAL		
77690-JP-PCT Ja		ELONGATED CELLS	COMPANY	04/07/2016 2017-553880	2018-513252
		THERMALLY			
1		INSULATING FOAM WITH VERTICALLY	THE DOW CHEMICAL		
		ELONGATED CELLS	COMPANY	04/07/2016 15/552192	US-2018-0215890-A1
		THERMALLY			
le		INSULATING FOAM WITH VERTICALLY	THE DOW CHEMICAL		
		ELONGATED CELLS	COMPANY	04/07/2016 PCT/US16/026316	WO/2016/168041
		ONE-COMPONENT			
		FENESTRATION FOAM			
		FORMULATION			
		DES SOSICIES ATISIC			
		DEMONSTRATING	THE BOUGHT TO		
78289-CA-PCT C		LOW INITIAL SHRINKAGE	THE DOW CHEMICAL COMPANY	09/20/2016 PCT/US16/052563	

		ONE-COMPONENT FENESTRATION FOAM	
		FORMULATION DEMONSTRATING	
70000 50 507	European	LOW INITIAL	THE DOW CHEMICAL
78289-EP-EPT	Procedure (Patents)	ONE-COMPONENT	COMPANY 09/20/2016 16774596.7 3356435
		FENESTRATION FOAM	
		FORMULATION DEMONSTRATING	
78289-JP-PCT	Japan	LOW INITIAL SHRINKAGE	THE DOW CHEMICAL  COMPANY 09/20/2016 2018-513625
		ONE-COMPONENT FENESTRATION	
		FOAM FORMULATION	
	United States Of	DEMONSTRATING LOW INITIAL	THE DOW CHEMICAL
78289-US-PCT	America	SHRINKAGE	COMPANY 09/20/2016 15/750541
		POLYURETHANE FOAM FROM HIGH	
78344-CA-PCT	Canada	FUNCTIONALITY POLYISOCYANATE	THE DOW CHEMICAL COMPANY 10/19/2016 PCT/US16/057636
		POLYURETHANE FOAM FROM HIGH	
78344-EP-EPT	European Procedure (Patents)	FUNCTIONALITY POLYISOCYANATE	THE DOW CHEMICAL  COMPANY 10/19/2016 16790817.7 3368585
		POLYURETHANE FOAM FROM HIGH	
78344-JP-PCT	Japan	FUNCTIONALITY POLYISOCYANATE	THE DOW CHEMICAL  COMPANY 10/19/2016 2018-538542
***************************************		POLYURETHANE FOAM FROM HIGH	
78344-US-PCT	United States Of America	FUNCTIONALITY POLYISOCYANATE	THE DOW CHEMICAL  COMPANY 10/19/2016 15/758565 US-2018-0244833-A1
76344-03-1 61	America	TWO-COMPONENT SPRAY	10/13/2010 13/733333
		POLYURETHANE FOAM DISPENSER	
DOME OF BOT	Canada	WITH CONTINUOUS	
78347-CA-PCT	Canada	GAS PURGING TWO-COMPONENT SPRAY	COMPANY 09/12/2016 PCT/US16/051211
		POLYURETHANE	
	European		THE DOW CHEMICAL
78347-EP-EPT	Procedure (Patents)	GAS PURGING TWO-COMPONENT	COMPANY 09/12/2016 16775025.6 3352906
		SPRAY POLYURETHANE	
		FOAM DISPENSER WITH CONTINUOUS	THE DOW CHEMICAL
78347-JP-PCT	Japan	GAS PURGING TWO-COMPONENT	COMPANY 09/12/2016 2018-512270
		SPRAY POLYURETHANE	
	United States Of	FOAM DISPENSER	THE DOW CHEMICAL
78347-US-PCT	America	GAS PURGING POLYMERIC FOAM	COMPANY: 09/12/2016 15/749379 US-2018-0243767-A1
		BOARD WITH FLEXIBLE WATER	
		RESISTANT	THE DOW CHEMICAL
78518-CA-PCT	Canada	INTUMESCENT COATING	COMPANY 01/16/2017 PCT/US17/013641
		BOARD WITH	
		RESISTANT	
78518-CN-PCT	China	INTUMESCENT COATING	THE DOW CHEMICAL  COMPANY  01/16/2017 201780006758.8

	POLYMERIC FOAM	
	BOARD WITH	
	FLEXIBLE WATER	
Frances	RESISTANT	THE DOWN PHEMICAL
European 78518-EP-EPT Procedure (Patent	INTUMESCENT S) COATING	THE DOW CHEMICAL  COMPANY 01/16/2017 17702471.8
	POLYMERIC FOAM	
	BOARD WITH	
	FLEXIBLE WATER RESISTANT	
	INTUMESCENT	THE DOW CHEMICAL
78518-JP-PCT Japan	COATING	COMPANY 01/16/2017 2018-535287
	POLYMERIC FOAM	
	BOARD WITH FLEXIBLE WATER	
	RESISTANT	
United States Of	INTUMESCENT	THE DOW CHEMICAL
78518-US-PCT America	COATING POLYMERIC FOAM	COMPANY 01/16/2017 15/780656
	BOARD WITH	
	FLEXIBLE WATER	
	RESISTANT	
International 78518-WO-PCT Procedure	INTUMESCENT COATING	THE DOW CHEMICAL  COMPANY 01/16/2017 PCT/US17/013641 WO/2017/131995
78518 110 (1) 110 (1)		THE DOW CHEMICAL
78532-CA-PCT Canada	DISPENSING STRAW	COMPANY 10/19/2016 PCT/US16/057625
European	HINGED ELBOW EOD	THE DOM FHENICAL
European 78532-EP-EPT Procedure (Patent:	s) DISPENSING STRAW	THE DOW CHEMICAL  COMPANY 10/19/2016 16790816.9 3368444
·		THE DOW CHEMICAL
78532-JP-PCT Japan	DISPENSING STRAW	
United States Of 78532-US-PCT America	HINGED ELBOW FOR DISPENSING STRAW	THE DOW CHEMICAL  COMPANY 10/19/2016 15/758737
78532-654 CT America	CAP WITH NESTED	10/13/2010 13/30/37
	HANDLE FOR SPRAY	THE DOW CHEMICAL
78533-CA-PCT Canada	CAN CAP WITH NESTED	COMPANY 10/19/2016 PCT/US16/057633
European	HANDLE FOR SPRAY	THE DOW CHEMICAL
78533-EP-EPT Procedure (Patent	s) CAN	<b>COMPANY</b> 10/19/2016 16791169.2 3368443
	CAP WITH NESTED	THE BOWLEHEAR
78533-JP-PCT Japan	HANDLE FOR SPRAY CAN	THE DOW CHEMICAL  COMPANY 10/19/2016 2018-538541
::::::::::::::::::::::::::::::::::::::	CAP WITH NESTED	
United States Of	HANDLE FOR SPRAY	THE DOW CHEMICAL
78533-US-PCT America	CAN HEAT INSULATION	COMPANY 10/19/2016 15/758741
	REPAIR	
	CONSTRUCTION	
	METHOD AND HEAT	TUE DOWN PUENIPAL
78572-JP-NP Japan	INSULATION STRUCTURE	THE DOW CHEMICAL  COMPANY 11/30/2015 2015-233210 2017-101396
***************************************	HEAT INSULATION	
	CONSTRUCTION	
	METHOD AND HEAT INSULATION	THE DOW CHEMICAL
78573-JP-NP Japan	STRUCTURE	COMPANY 11/30/2015 2015-233211 2017-101397
	SINGLE ACTION	
	DISPENSING DEVICE WITH SLIDING	
	SLEEVE HAVING A	THE DOW CHEMICAL
78802-CA-PCT Canada	PLUG	COMPANY 01/31/2017 PCT/US17/015758
	SINGLE ACTION DISPENSING DEVICE	
	WITH SLIDING	
European	SLEEVE HAVING A	THE DOW CHEMICAL
78802-EP-EPT Procedure (Patent	s) PLUG SINGLE ACTION	COMPANY 01/31/2017 17705232.1
	DISPENSING DEVICE	
	WITH SLIDING	
70000 ID DCT	SLEEVE HAVING A	THE DOW CHEMICAL
78802-JP-PCT Japan	PLUG	COMPANY 01/31/2017 2018-540392

		SINGLE ACTION DISPENSING DEVICE	
		WITH SLIDING	
78802-US-PCT	United States Of America	SLEEVE HAVING A PLUG	THE DOW CHEMICAL COMPANY 01/31/2017 15/780691
76802-03-FC1	America	SINGLE ACTION	01/31/2017 13/700031
		DISPENSING DEVICE	
	International	WITH SLIDING SLEEVE HAVING A	THE DOW CHEMICAL
78802-WO-PCT	Procedure	PLUG	COMPANY 01/31/2017 PCT/US17/015758 WO/2017/139131
***************************************		SINGLE ACTION	
		DISPENSING DEVICE WITH SLIDING	THE DOW CHEMICAL
78803-CA-PCT	Canada	SLEEVE	COMPANY 01/31/2017 PCT/US17/015747
		SINGLE ACTION	
	European	DISPENSING DEVICE WITH SLIDING	THE DOW CHEMICAL
78803-EP-EPT	Procedure (Patents)		COMPANY 01/31/2017 17705231.3
		SINGLE ACTION	
		DISPENSING DEVICE WITH SLIDING	THE DOW CHEMICAL
78803-JP-PCT	Japan	SLEEVE	COMPANY 01/31/2017 2018-540389
		SINGLE ACTION	
	United States Of	DISPENSING DEVICE WITH SLIDING	THE DOW CHEMICAL
78803-US-PCT	America	SLEEVE	COMPANY 01/31/2017 15/780715
**************	****************	SINGLE ACTION	
	International	DISPENSING DEVICE WITH SLIDING	THE DOW CHEMICAL
78803-WO-PCT	Procedure	SLEEVE	COMPANY 01/31/2017 PCT/US17/015747 WO/2017/139128
		SYSTEM FOR	
		DIMENSIONALLY STABLE ISOCYANATE-	
		FREE	
	International	POLYURETHANE	THE DOW CHEMICAL
79201-WO-PCT	Procedure	FOAM WOOD-BASED	COMPANY 06/19/2017 PCT/US17/038094 WO/2018/005142
		MATERIAL	
		INSULATED FOR	
79473-WO-PCT	International Procedure	COMBUSTION RESISTANCE	THE DOW CHEMICAL  COMPANY 07/31/2017 PCT/US17/044585 WO/2018/031270
75473 WOTE	International	DISPENSER WITH	THE DOW CHEMICAL
79826-WO-PCT	Procedure	CAP	COMPANY 10/16/2017 PCT/US17/056737 WO/2018/075381
	International	SINGLE FINGER	THE DOW CHEMICAL
79829-WO-PCT	Procedure	DISPENSING ARTICLE	
	International	INTUMESCENT	THE DOW CHEMICAL
79956-WO-PCT	Procedure	COATING SYSTEM WALL STRUCTURE OF	COMPANY 03/14/2017 PCT/CN17/076588 THE DOW CHEMICAL
80247-JP-NP	Japan	BUILDING	COMPANY 03/31/2017 2017-070759
	United States Of	FILTERING FLUID	THE DOW CHEMICAL
81544-US-PSP	America	DISPENSING DEVICE STYRENE RESIN	COMPANY 11/14/2017 62/585615
		EXTRUDED FOAM	
		BOARD WITH LONG-	
		TERM LOW THERMAL	THE DOW CHEMICAL
81584-JP-NP	Japan	CONDUCTIVITY	COMPANY 04/20/2018 2018-081396
		LOW LAMBDA	
		EXTRUDED POLYSTYRENE FOAM	
		USING	
		HYDROFLUOROOLEFI	
		N MIXTURES AS INSULATING	THE DOW CHEMICAL
81625-JP-NP	Japan	BLOWING AGENTS	COMPANY 12/15/2017 2017-240384
	United States Of	DISPENSER FOR CAN WITH FIXED VALVE	THE DOM CHEMICAL
81827-US-PSP	America	STEM HOUSING	THE DOW CHEMICAL  COMPANY 04/10/2018 62/655284
		DISPENSER FOR	
	United States Of	VALVE WITH	THE DOW CHEMICAL
81832-US-PSP	America	STEM HOUSING	COMPANY 04/10/2018 62/655292
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United States Of 81833-US-PSP America 82066-JP-NP Japan	DISPENSER ADAPTER LOW PRESSURE PROCESS TO MAKE TWO COMPONENT SPRAY POLYURETHANE FOAM	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	04/10/2018 62/655297 06/15/2018 2018-114777		
64149A-CN-PCT China 64149A-DE-EPT Germany	ENHANCED EFFICACY OF FUNGICIDES IN PAPER AND PAPERBOARD  ENHANCED EFFICACY OF FUNGICIDES IN PAPER AND PAPERBOARD	THE DOW CHEMICAL COMPANY	01/05/2006 200680001776.9 01/05/2006 06717437.5	101098999 1859103	10/19/2011 200680001776.9 04/08/2015 602006045031.1
64149A-FR-EPT France 64149A-GB-EPT United Kingdom	ENHANCED EFFICACY OF FUNGICIDES IN PAPER AND PAPERBOARD ENHANCED EFFICACY OF FUNGICIDES IN PAPER AND PAPERBOARD	THE DOW CHEMICAL COMPANY	01/05/2006 06717437.5 01/05/2006 06717437.5	1859103 1859103	04/08/2015 1859103 04/08/2015 1859103
64149A-KR-PCT SOUTH KOREA 64149A-MX-PCT Mexico	ENHANCED EFFICACY OF FUNGICIDES IN PAPER AND PAPERBOARD  ENHANCED EFFICACY OF FUNGICIDES IN PAPER AND PAPERBOARD	THE DOW CHEMICAL COMPANY	01/05/2006 2007-7015353 01/05/2006 MX/a/07/008240	MX/a/07/00824	06/12/2013 10-1276386 0
64149A-PL-EPT Poland	ENHANCED EFFICACY OF FUNGICIDES IN PAPER AND PAPERBOARD ENHANCED EFFICACY OF FUNGICIDES IN PAPER AND	THE DOW CHEMICAL COMPANY	01/05/2006 06717437.5	1859103	04/08/2015 1859103
European 64370A-EP-ETD Procedure (Patents  European 64370A-EP-ETD[2] Procedure (Patents	ANTIMICROBIAL COMPOSITION AND ) METHOD ANTIMICROBIAL	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	01/05/2006 06717437.5 02/13/2014 14154982.4 06/18/2015 15172729.4	1859103 2754350 2952095	04/08/2015 1859103
European 64370A-EP-ETD[3] Procedure (Patents European 64370A-EP-ETD[4] Procedure (Patents 64370A-JP-PCT Japan	ANTIMICROBIAL COMPOSITION AND ) METHOD ANTIMICROBIAL COMPOSITION AND METHOD	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	06/18/2015 15172738.5 06/18/2015 15172741.9 10/25/2006 2008-537916	2957174 2962564 2009-513650	04/05/2013 5237101
64933A-AU-PCT Australia	STABLE, LOW VOC, LOW VISCOUS BIOCIDAL FORMULATIONS AND METHOD OF MAKING SUCH FORMULATIONS	THE DOW CHEMICAL COMPANY	07/23/2007 2007277294		10/18/2012 2007277294

64933A-BR-PCT Brazil 64933A-CN-PCT China	STABLE, LOW VOC, LOW VISCOUS BIOCIDAL FORMULATIONS AND METHOD OF MAKING SUCH FORMULATIONS STABLE, LOW VOC, LOW VISCOUS BIOCIDAL FORMULATIONS AND METHOD OF MAKING SUCH FORMULATIONS	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	07/23/2007 PI0713195-0 07/23/2007 200780025873.6	101489391	02/17/2015 Pl0713195-0 09/03/2014 200780025873.6
	STABLE, LOW VOC, LOW VISCOUS BIOCIDAL FORMULATIONS AND METHOD OF MAKING SUCH	THE DOW CHEMICAL			
64933A-DE-EPT Germany  64933A-FR-EPT France	FORMULATIONS STABLE, LOW VOC, LOW VISCOUS BIOCIDAL FORMULATIONS AND METHOD OF MAKING SUCH FORMULATIONS STABLE, LOW VOC, LOW VISCOUS BIOCIDAL FORMULATIONS AND METHOD OF MAKING SUCH	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL	07/23/2007 07810716.6 07/23/2007 07810716.5	2046126 2046126	08/26/2015 602007042810.6 08/26/2015 2046126
64933A-GB-EPT United Kingdom 64933A-JP-PCT Japan	FORMULATIONS STABLE; LOW VOC, LOW VISCOUS BIOCIDAL FORMULATIONS AND METHOD OF MAKING SUCH FORMULATIONS STABLE, LOW VOC, LOW VISCOUS BIOCIDAL FORMULATIONS AND METHOD OF MAKING SUCH	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL	07/23/2007 07810716.6 07/23/2007 2009-521796	2046126 2009-544764	08/26/2015 2046126 04/05/2013 5237275
64933A-KR-PCT SOUTH KOREA 64933A-MX-PCT Mexico	FORMULATIONS STABLE, LOW VOC, LOW VISCOUS BIOCIDAL FORMULATIONS AND METHOD OF MAKING SUCH FORMULATIONS STABLE, LOW VOC, LOW VISCOUS BIOCIDAL FORMULATIONS AND METHOD OF MAKING SUCH	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL	07/23/2007 10-2009-7001598 07/23/2007 MX/a/09/000945	2009-33370 MX/a/09/0009	10/14/2015 10-1562069 11/29/2011 292796
64933A-SG-PCT Singapore 64933A-TW-NP Taiwan	FORMULATIONS STABLE, LOW VOC, LOW VISCOUS BIOCIDAL FORMULATIONS AND METHOD OF MAKING SUCH FORMULATIONS	COMPANY  THE DOW CHEMICAL COMPANY	07/23/2007 200809573-9 07/24/2007 96126919	200816922	08/31/2011 149133 01/01/2014 1421029

STABLE, LOW VOC LOW VISCOUS	,
BIOCIDAL	
FORMULATIONS AND METHOD OF	
United States Of MAKING SUCH 64933A-US-PCT America FORMULATIONS	THE DOW CHEMICAL  COMPANY 07/23/2007 12/307599 2010-0016390
64933A-US-PCT America FORMULATIONS COMPOSITIONS 0	
DIBROMOMALON	A JSE THE DOW CHEMICAL
65370-BR-PCT Brazil AS BIOCIDES	COMPANY 09/27/2010 112012006243.3 12/26/2017 112012006243-3
COMPOSITIONS O DIBROMOMALON	
	JSE THE DOW CHEMICAL
65370-CN-PCT China AS BIOCIDES COMPOSITIONS O	©MPANY 09/27/2010 201080043191.X 102548404 08/27/2014 201080043191.X
DIBROMOMALON	A JSE THE DOW CHEMICAL
65370-DE-EPT Germany AS BIOCIDES	COMPANY 09/27/2010 10760883.8 2482653 10/28/2015 602010028629.0
COMPOSITIONS O DIBROMOMALON	
MIDE AND THEIR	JSE THE DOW CHEMICAL
65370-FR-EPT France AS BIOCIDES COMPOSITIONS O	COMPANY 09/27/2010 10760883.8 2482653 10/28/2015 2482653
DIBROMOMALON	
MIDE AND THEIR I 65370-GB-EPT United Kingdom AS BIOCIDES	JSE THE DOW CHEMICAL  COMPANY 09/27/2010 10760883.8 2482653 10/28/2015 2482653
COMPOSITIONS O	
DIBROMOMALON MIDE AND THEIR	a Use the dow chemical
65370-IN-PCT India AS BIOCIDES COMPOSITIONS O	COMPANY 09/27/2010 2726/CHENP/2012 2726/CHENP/2012
DIBROMOMALON	
MIDE AND THEIR ( 65370-IP-PCT Japan AS BIOCIDES	JSE THE DOW CHEMICAL  COMPANY 09/27/2010 2012-531095 2013-505959 06/05/2015 5756113
COMPOSITIONS O	F
DIBROMOMALON MIDE AND THEIR I	a Jse the dow chemical
65370-MX-PCT Mexico AS BIOCIDES	COMPANY 09/27/2010 MX/a/12/003738 MX/a/12/0037 12/17/2014 326421
COMPOSITIONS O DIBROMOMALON	
United States Of MIDE AND THEIR I 65370-US-PCT America AS BIOCIDES	JSE THE DOW CHEMICAL COMPANY 09/27/2010 13/391908 2012-0172430 10/07/2014 8852619
63370-U3-PC1 America A3-BioCides	COMPANY 09/27/2010 13/391908 2012-0172430 10/07/2014 8852619
PROCESS FOR PREPARING LATEX	
PAINTS CONTAINI	NG THE DOW CHEMICAL
65499A-DE-EPT Germany BIOCIDES	COMPANY 11/10/2008 08856379.6 2217667 12/27/2017 602008053544.4
PROCESS FOR	
PREPARING LATE)  European PAINTS CONTAINI	NG. THE DOW CHEMICAL
65499A-EP-EPT Procedure (Patents) BIOCIDES	COMPANY 11/10/2008 08856379.6 2217667 12/27/2017 2217667
PROCESS FOR	
PREPARING LATEX	ng the dow chemical
65499A-FR-EPT France BIOCIDES	COMPANY 11/10/2008 08856379.6 2217667 12/27/2017 2217667
PROCESS FOR	
PREPARING LATEX	
PAINTS CONTAINT 65499A-GB-EPT United Kingdom BIOCIDES	NG THE DOW CHEMICAL  COMPANY 11/10/2008 08856379.6 2217667 12/27/2017 2217667
DBOCECC FOR	
PROCESS FOR PREPARING LATEX	
PREPARING LATEX PAINTS CONTAINI	NG THE DOW CHEMICAL
PREPARING LATEX PAINTS CONTAINI 65499A-IN-PCT India BIOCIDES	
PREPARING LATEX PAINTS CONTAINI	NG THE DOW CHEMICAL COMPANY 11/10/2008 3166/CHENP/2010 02/28/2018 293573
PREPARING LATEX PAINTS CONTAINI 65499A-IN-PCT India BIOCIDES  PROCESS FOR PREPARING LATEX	NG THE DOW CHEMICAL COMPANY 11/10/2008 3166/CHENP/2010 02/28/2018 293573

65499A-RU-PCT	Russian Federation		THE DOW CHEMICAL COMPANY	11/10/2008 2010126597		05/20/2013 2482147
65499A-US-PCT 65500A-US-PCT	United States Of America United States Of America	PROCESS FOR PREPARING LATEX PAINTS CONTAINING BIOCIDES MOLD-RESISTANT WALLBOARD	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	11/10/2008 12/740936 01/18/2008 12/523875	2011-0015299 2010-0256204	02/10/2015 8952081 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	THE DOW CHEMICAL COMPANY	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	THE DOW CHEMICAL COMPANY	07/21/2008 PI0813050.7		
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	THE DOW CHEMICAL COMPANY	07/21/2008 200880100159;3	101754685	09/16/2015 200880100159.3
65716A-DE-EPT	Germany	METHODS AND FORMULATIONS FOR REDUCING AND INHIBITING THE GROWTH OF THE CONCENTRATION OF MICROBES IN WATER BASED FLUIDS AND		07/21/2008 08826509.5	2175721	02/08/2017 602008048710.5
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		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	THE DOW CHEMICAL COMPANY	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	THE DOW CHEMICAL COMPANY	07/21/2008 08826509 5	2175721	02/08/2017 2175721
65716A-GC-NP	Gulf Cooperation Council	METHODS AND FORMULATIONS FOR REDUCING AND INHIBITING THE GROWTH OF THE CONCENTRATION OF MICROBES IN WATER BASED FLUIDS AND SYSTEMS USED WITH THEM		07/20/2008 2008/11350		01/07/2015 GC0003256
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		07/21/2008 962/CHENP/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		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		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	THE DOW CHEMICAL COMPANY	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		07/21/2008 12/669667	2010-0286096	09/22/2015 9139796
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		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		07/21/2008 PI0812700.0		
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		07/21/2008 08826631.7	2173176	09/06/2017 602008052055.2
G5870A-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		07/21/2008 08826631.7	2173176	09/06/2017 2173176

65870A-FR-EPT France THEM  METHODS OF AND FORMULATIONS FOR REDUCING AND INHIBITING THE GROWTH OF THE CONCENTRATION OF MICROBES IN WATEL BASED FLUIDS AND	THE DOW CHEMICAL COMPANY 07/21/2008 08826631.7 2173176 09/06/2017 2173176
65870A-GB-EPT United Kingdom THEM	COMPANY 07/21/2008 08826631.7 2173176 09/06/2017 2173176
METHODS OF AND	
FORMULATIONS FOF REDUCING AND	1
INHIBITING THE	
GROWTH OF THE CONCENTRATION OF	
MICROBES IN WATEI BASED FLUIDS AND	7.
·	THE DOW CHEMICAL  COMPANY  07/20/2008 2008/11351
65870A-GC-NP Council THEM	COMPANY 07/20/2008 2008/11351
METHODS OF AND FORMULATIONS FOR	
REDUCING AND	
INHIBITING THE GROWTH OF THE	
CONCENTRATION OF MICROBES IN WATER	
BASED FLUIDS AND	I THE DOW CHEMICAL
65870A-NO-EPT Norway THEM	COMPANY 07/21/2008 08826631.7 2173176 09/06/2017 2173176
METHODS OF AND	
FORMULATIONS FOR	
REDUCING AND INHIBITING THE	
GROWTH OF THE CONCENTRATION OF	
MICROBES IN WATER	
	THE DOW CHEMICAL
65870A-US-PCT America THEM BIOCIDAL	COMPANY 07/21/2008 12/669657 2010-0298275 02/10/2015 8952199 THE DOW CHEMICAL
65979-BR-PCT Brazil COMPOSITIONS	COMPANY 06/26/2009 PI0910177.2 09/26/2017 PI0910177.2
BIOCIDAL 65979-CN-PCT China COMPOSITIONS	THE DOW CHEMICAL  COMPANY 06/26/2009 200980124663.1 102076217 11/05/2014 200980124663.1
BIOCIDAL 65979-DE-EPT Germany COMPOSITIONS	THE DOW CHEMICAL COMPANY 06/26/2009 09771108.9 2303024 03/16/2016 602009036834.6
BIOCIDAL	THE DOW CHEMICAL
65979-FR-EPT France COMPOSITIONS BIOCIDAL	COMPANY 06/26/2009 09771108.9 2303024 03/16/2016 2303024 THE DOW CHEMICAL
65979-GB-EPT United Kingdom COMPOSITIONS BIOCIDAL	COMPANY 05/26/2009 09771108.9 2303024 03/16/2016 2303024 THE DOW CHEMICAL
65979-IN-PCT India COMPOSITIONS	COMPANY 06/26/2009 8502/CHENP/2010 8502/CHENP/2 02/09/2018 292735
BIOCIDAL 65979-JP-PCT Japan COMPOSITIONS	THE DOW CHEMICAL  COMPANY 06/26/2009 2011-516701 2011-526300 09/19/2014 5616337
BIOCIDAL	THE DOW CHEMICAL  COMPANY 06/26/2009 MX/a/2010/014576 05/18/2012 299337
65979-MX-PCT Mexico COMPOSITIONS	
BIOCIDAL 65979-RU-PCT Russian Federation COMPOSITIONS	THE DOW CHEMICAL 00/20/2009 WW/A/2010/014370 03/10/2012 239337

CEOZO LIC ND	United States Of America	BIOCIDAL COMPOSITIONS	THE DOW CHEMICAL	05/25/2000	12/402470	2000 0225005	07/17/2012	9222250
65979-US-NP		PREPARATION OF	COMPANY THE DOW CHEMICAL	06/26/2009		2009-0325965		
66260-CN-PCT	China	GLUTARALDEHYDE PREPARATION OF	COMPANY THE DOW CHEMICAL	06/09/2009	200980122612.5	102066302	11/20/2013	200980122612.5
66260-DE-EPT	Germany United States Of	GLUTARALDEHYDE PREPARATION OF	COMPANY THE DOW CHEMICAL	06/09/2009	09767479.0	2300406	12/07/2016	602009042938.8
66260-US-NP	America	GLUTARALDEHYDE	COMPANY	06/09/2009	12/481181	2009-0318735	05/04/2010	7709686
		A HIGH THROUGHPUT TEST						
		METHOD FOR						
		EVALUATION OF BIOCIDES AGAINST						
66315A-BR-PCT	Brazil	ANAEROBIC MICROORGANISMS	THE DOW CHEMICAL COMPANY	00/10/2009	PI0815857.6			
00313A-BR-F C1	Diazii	A HIGH	COMPAN	03/10/2008	110013037.0			
		THROUGHPUT TEST METHOD FOR						
		EVALUATION OF						
		BIOCIDES AGAINST ANAEROBIC	THE DOW CHEMICAL					
66315A-JP-PCT	Japan	MICROORGANISMS STABLE, LOW VOC,	COMPANY	09/10/2008	2010-525893	2010-539903	06/06/2014	5554711
		LOW VISCOUS						
		BIOCIDAL FORMULATIONS						
		AND METHOD OF	THE BOW CHESTOS					
66758A-BR-PCT	Brazil	MAKING SUCH FORMULATIONS	THE DOW CHEMICAL COMPANY	12/02/2008	PI0819962.0		04/11/2017	PI0819962-0
		STABLE, LOW VOC, LOW VISCOUS						
		BIOCIDAL						
		FORMULATIONS AND METHOD OF						
66758A-CN-PCT	China	MAKING SUCH FORMULATIONS	THE DOW CHEMICAL COMPANY	12/02/2008	200880124820.4	101909437	08/21/2013	200880124820.4
DUI DOATCINTE)	Сина	STABLE, LOW VOC,	WWW. FOX I	12/02/2006	200000124020.4	101303437	00/21/2013	200000124020.9
		LOW VISCOUS BIOCIDAL						
		FORMULATIONS						
		AND METHOD OF MAKING SUCH	THE DOW CHEMICAL					
66758A-DE-EPT	Germany	FORMULATIONS STABLE, LOW VOC.	COMPANY	12/02/2008	08871161.9	2247182	04/19/2017	602008049899.9
		LOW VISCOUS						
		BIOCIDAL FORMULATIONS						
		AND METHOD OF MAKING SUCH	THE DOW CHEMICAL					
66758A-FR-EPT	France	FORMULATIONS	COMPANY	12/02/2008	08871161.9	2247182	04/19/2017	2247182
		STABLE, LOW VOC, LOW VISCOUS						
		BIOCIDAL FORMULATIONS						
		AND METHOD OF						
66758A-GB-EPT	United Kingdom	MAKING SUCH FORMULATIONS	THE DOW CHEMICAL COMPANY	12/02/2008	08871161.9	2247182	04/19/2017	2247182
		STABLE, LOW VOC, LOW VISCOUS						
		BIOCIDAL						
		FORMULATIONS AND METHOD OF						
66758A-GC-NP	Gulf Cooperation Council	MAKING SUCH FORMULATIONS	THE DOW CHEMICAL COMPANY	11/30/2009	2008/12282		03/12/2014	GC0002845
Sergontables		STABLE, LOW VOC,	NCMC7544 T-19-8-1-	***/30/2000	ECOUP ECEDE		was revented	GGGGGZEHU.
		LOW VISCOUS BIOCIDAL						
		FORMULATIONS						
		AND METHOD OF MAKING SUCH	THE DOW CHEMICAL					
66758A-IN-PCT	India	FORMULATIONS	COMPANY	12/02/2008	4372/CHENP/2010			

66758A-JP-PCT Japan	STABLE, LOW VOC, LOW VISCOUS BIOCIDAL FORMULATIONS AND METHOD OF MAKING SUCH FORMULATIONS STABLE, LOW VOC, LOW VISCOUS	THE DOW CHEMICAL COMPANY	12/02/2008 2010-543107	2011-509999	10/18/2013 5390536
	BIOCIDAL FORMULATIONS AND METHOD OF MAKING SUCH	THE DOW CHEMICAL			20/25/2017 2012
66758A-MX-PCD Mexico	FORMULATIONS STABLE, LOW VOC. LOW VISCOUS BIOCIDAL FORMULATIONS	COM AND	10/25/2013 MX/a/13/012507		06/05/2017 348263
66758A-MX-PCT Mexico	AND METHOD OF MAKING SUCH FORMULATIONS STABLE, LOW VOC, LOW VISCOUS	THE DOW CHEMICAL COMPANY	12/02/2008 MX/a/2010/00784	4 MX/a/2010/00	08/28/2014 323163
	BIOCIDAL FORMULATIONS AND METHOD OF MAKING SUCH	THE DOW CHEMICAL			
66758A-RU-PCT Russian Federation	BIOCIDAL COMPOSITION OF 2,6-DIMETHYL-M- DIOXANE-4-OL	COMPANY	12/02/2008 2010134418		06/27/2013 2485775
United States Of 66883-US-DIV America	ACETATE AND METHODS OF USE BIOCIDAL COMPOSITION OF 2,6-DIMETHYL-M-	THE DOW CHEMICAL COMPANY	05/27/2014 14/287504	2014-0275190	12/27/2016 9526249
United States Of 66883-US-DIV[2] America	DIOXANE-4-OL ACETATE AND METHODS OF USE BIOCIDAL	THE DOW CHEMICAL COMPANY	05/27/2014 14/287522	2014-0256777	12/20/2016 9521849
United States Of 66883-US-NP America	COMPOSITION OF 2,6-DIMETHYL-M- DIOXANE-4-OL ACETATE AND METHODS OF USE	THE DOW CHEMICAL COMPANY	11/17/2009 12/619715	2010-0125095	07/01/2014 8765806
67183-AU-PCT Australia	BIOCIDAL COMPOSITION AND METHOD BIOCIDAL COMPOSITION AND	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	07/13/2009 2009271167		08/27/2015 2009271167
67183-DE-EPT Germany  European  67183-EP-EPT Procedure (Patents	METHOD BIOCIDAL COMPOSITION AND	COMPANY THE DOW CHEMICAL COMPANY	07/13/2009 09790327.2 07/13/2009 09790327.2	2306822 2306822	10/26/2016 602009041980.3
67183-FR-EPT France	BIOCIDAL COMPOSITION AND METHOD BIOCIDAL	THE DOW CHEMICAL COMPANY	07/13/2009 09790327.2	2306822	10/26/2016 2306822
67183-GB-EPT United Kingdom	COMPOSITION AND METHOD BIOCIDAL COMPOSITION AND	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	07/13/2009 09790327.2	2306822	10/26/2016 2306822
67183-JN-PCT India	METHOD BIOCIDAL COMPOSITION AND METHOD BIOCIDAL	COMPANY THE DOW CHEMICAL COMPANY	07/13/2009 221/CHENP/2011 12/19/2014 2014-257595	221/CHENP/20	12/18/2017 290707
67183-JP-PCT Japan	COMPOSITION AND METHOD BIOCIDAL COMPOSITION AND	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	07/13/2009 2011-518815	2011-528356	
67183-KR-PCT SOUTH KOREA	METHOD	COMPANY	07/13/2009 2011-7003355		09/08/2016 10-1657723

		BIOCIDAL COMPOSITION AND	THE DOW CHEMICAL			
67183-RU-PCT	Russian Federation	METHOD	COMPANY	07/13/2009 2011105400	2011105400	04/20/2014 2513136
		BIOCIDAL	THE DOW CHEMICAL			
67438-JP-PCT	Japan	COMPOSITIONS	COMPANY	07/15/2009 2011-518881	2011-528661	01/09/2015 5676442
		BIOCIDAL	THE DOW CHEMICAL			
67438-KR-PCT	SOUTH KOREA	COMPOSITIONS	COMPANY	07/15/2009 2011-7003640		08/05/2016 10-1647856
		A PROCESS FOR				
		PREPARING 2,2-				
		DIBROMOMALONA	THE DOW CHEMICAL			
67789-BR-PCT	Brazil	MIDE	COMPANY	11/18/2010 1120120103512		
		A PROCESS FOR				
		PREPARING 2,2-				
		DIBROMOMALONA	THE DOW CHEMICAL			
67789-CN-PCT	China	MIDE	COMPANY	11/18/2010 201080052930.1	102630224	01/20/2016 201080052930.1
		A PROCESS FOR				
		PREPARING 2,2-				
		DIBROMOMALONA	THE DOW CHEMICAL			
67789-DE-EPT	Germany	MIDE	COMPANY	11/18/2010 10782777.6	2504310	08/12/2015 602010026660.5
	· · · · · · · · · · · · · · · · · · ·	A PROCESS FOR		,,		
		PREPARING 2,2-				
		DIBROMOMALONA	THE DOW CHEMICAL			
67789-FR-EPT	France	MIDE	COMPANY	11/18/2010 10782777.6	2504310	08/12/2015 2504310
		A PROCESS FOR				
		PREPARING 2,2-				
		DIBROMOMALONA	THE DOW CHEMICAL			
67789-GB-EPT	United Kingdom	MIDE	COMPANY	11/18/2010 10782777.6	2504310	08/12/2015 2504310
07789-GB-EFT	Officea Kingaom	A PROCESS FOR	COMILANT	11/18/2010 10/82///.0	2304310	08/12/2013 2304310
		PREPARING 2,2-				
			THE BOOK CHEKNOSI			
CTTOO IN BOT	L0	DIBROMOMALONA	THE DOW CHEMICAL COMPANY	44 /40 /0040 4500 /GUEND (0040	Arga (oursin (a)	4.3
67789-IN-PCT	India	MIDE	COMPANY	11/18/2010 4532/CHENP/2012	4532/CHENP/20	17.5
		A PROCESS FOR				
		PREPARING 2,2-	THE DOLL CHELLOW			
		DIBROMOMALONA	THE DOW CHEMICAL	11/10/2010 2010 510051	2010 511505	05/00/00/5 55/0000
67789-JP-PCT	Japan	MIDE	COMPANY	11/18/2010 2012-540054	2013-511537	05/22/2015 5749728
		A PROCESS FOR				
		PREPARING 2,2-				
		DIBROMOMALONA	THE DOW CHEMICAL			
67789-MX-PCT	Mexico	MIDE	COMPANY	11/18/2010 MX/a/2012/005985	MX/a/2012/00	11/06/2015 334665
		A PROCESS FOR				
		PREPARING 2,2-				
		DIBROMOMALONA	THE DOW CHEMICAL			
67789-TR-EPT	Turkey	MIDE	COMPANY	11/18/2010 10782777.6	2504310	08/12/2015 2504310
		A PROCESS FOR				
		PREPARING 2,2-				
	United States Of	DIBROMOMALONA	THE DOW CHEMICAL			
67789-US-DIV	America	MIDE	COMPANY	01/27/2015 14/606926	2015-0148564	12/29/2015 9221748
		A PROCESS FOR				
		PREPARING 2,2-				
	United States Of	DIBROMOMALONA	THE DOW CHEMICAL			
67789-US-NP	America	MIDE	COMPANY	11/18/2010 12/949325	2011-0123641	03/10/2015 8975441
		BIOCIDAL				
			THE DOW CHEMICAL			
67804-AU-PCT	Australia	METHODS OF USE	COMPANY	10/01/2009 2009298479		09/25/2014 2009298479
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		BIOCIDAL				
			THE DOW CHEMICAL			
67804-BR-PCT	Brazil	METHODS OF USE	COMPANY	10/01/2009 PI0913823.4		
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		BIOCIDAL				
			THE DOW CHEMICAL			
67804-CN-PCT	China	METHODS OF USE	COMPANY	10/01/2009 200980138967.3	102231949	08/24/2016 200980138967.3
				and the property of the Market		
		BIOCIDAL				
			THE DOW CHEMICAL			
67804-DE-EPT	Germany	METHODS OF USE	COMPANY	10/01/2009 09793225.5	2346327	01/13/2016 602009035878.2
07004-DE-EF1	Germany	METHODS OF USE	COMPANY	10/01/2002 03/33223.3	∠J+UJZ/	01/13/2010 0020030330/8.2
		BIOCIDAL				
			THE DOW CHEMICAL			
67804-FR-EPT	France	METHODS OF USE	COMPANY	10/01/2009 09793225.5	2346327	01/13/2016 2346327
SANST ARREST					EUTUUE!	02, 43, 2010 25 TOGET

BIOCIDAL  COMPOSITIONS AND THE DOW CHEMICAL  67804-GB-EPT United Kingdom METHODS OF USE COMPANY 10/01/2009 09793225.5 2346327 01/13/2016 2346327  BIOCIDAL	
COMPOSITIONS AND THE DOW CHEMICAL  57804-IN-PCT India METHODS OF USE COMPANY 10/01/2009 2217/CHENP/2011 2217/CHENP/2 01/24/2018 292074	
BIOCIDAL  COMPOSITIONS AND THE DOW CHEMICAL  67804-JP-PCT Japan METHODS OF USE COMPANY 10/01/2009 2011-530212 2012-504637 05/30/2014 5551705	
BIOCIDAL  COMPOSITIONS AND THE DOW CHEMICAL  67804-PL-EPT Poland METHODS OF USE COMPANY 10/01/2009 09793225.5 2346327 01/13/2016 2346327	
BIOCIDAL COMPOSITIONS AND THE DOW CHEMICAL 67804-RU-PCT Russian Federation METHODS OF USE COMPANY 10/01/2009 2011117339 2011117339 05/20/2014 2515679	38
BIOCIDAL United States Of COMPOSITIONS AND THE DOW CHEMICAL  67804-US-NP America METHODS OF USE COMPANY 10/01/2008 12/243028 2010-0078393 BIOCIDAL	
COMPOSITION OF 2, 6-DIMETHYL-M- DIOXANE-4-OL	
ACETATE AND THE DOW CHEMICAL  67969-BR-PCT Brazil METHODS OF USE COMPANY 03/26/2009 PI0923973.1 12/19/2017 PI0923973-1  BIOCIDAL  COMPOSITION OF 2,	
6-DIMETHYL-M- DIOXANE-4-OL ACETATE AND THE DOW CHEMICAL 67969-IP-PCT Japan METHODS OF USE COMPANY 03/26/2009 2012-501109 2012-521367 05/09/2014 5536866	
BIOCIDAL COMPOSITION OF 2, 6-DIMETHYL-M- DIOXANE-4-OL	
United States Of ACETATE AND THE DOW CHEMICAL  67969-US-PCT America METHODS OF USE COMPANY 03/26/2009 13/203875 2012-0009176 09/09/2014 8828414  BIOCIDAL  COMPOSITION OF 2.	
6-DIMETHYL-M- DIOXANE-4-OL ACETATE AND THE DOW CHEMICAL 67971-BR-PCT Brazil METHODS OF USE COMPANY 03/26/2009 PI0923974.0 12/19/2017 PI0923974-0	
BIOCIDAL COMPOSITION OF 2, 6-DIMETHYL-M- DIOXANE-4-OL	
ACETATE AND THE DOW CHEMICAL  67971-CN-PCT China METHODS OF USE COMPANY 03/26/2009 200980158180.3 102361553 04/01/2015 200980158180.3  BIOCIDAL COMPOSITION OF 2.	3
6-DIMETHYL-M- DIOXANE-4-OL ACETATE AND THE DOW CHEMICAL 67971-JP-PCD Japan METHODS OF USE COMPANY 02/27/2014 2014-036690 2014-129388 10/09/2015 5820003	
BIOCIDAL COMPOSITION OF 2, 6-DIMETHYL-M- DIOXANE-4-OL	
ACETATE AND THE DOW CHEMICAL 67971-JP-PCT Japan METHODS OF USE COMPANY 03/26/2009 2012-501110 2012-521368 05/09/2014 5536867  COLD TEMPERATURE	
STABLE BIOCIDAL THE DOW CHEMICAL 68280-BR-PCT Brazil COMPOSITION COMPANY 03/25/2010 PI1006774.4  COLD TEMPERATURE	1000000
STABLE BIOCIDAL THE DOW CHEMICAL 68280-CN-PCT China COMPOSITION COMPANY 03/25/2010 201080014374.9 102438457 01/28/2015 201080014374.9	)

68280-DE-EPT	Germany	COLD TEMPERATURE STABLE BIOCIDAL COMPOSITION COLD TEMPERATURE	THE DOW CHEMICAL COMPANY	03/25/2010 10711125.4	2417231	07/30/2014 602010017883.8
60200 ED EDT	F	STABLE BIOCIDAL	THE DOW CHEMICAL	02/25/2010 10711125 4	2447224	07/20/2014 2417221
68280-FR-EPT 68280-GB-EPT	France United Kingdom	COMPOSITION  COLD TEMPERATURE STABLE BIOCIDAL COMPOSITION	THE DOW CHEMICAL COMPANY	03/25/2010 10711125.4 03/25/2010 10711125.4	2417231 2417231	07/30/2014 2417231 07/30/2014 2417231
68280-IT-EPT	Italy	COLD TEMPERATURE STABLE BIOCIDAL COMPOSITION	THE DOW CHEMICAL COMPANY	03/25/2010 10711125.4	2417231	07/30/2014 2417231
68280-JP-PCT	Japan	COLD TEMPERATURE STABLE BIOCIDAL COMPOSITION	THE DOW CHEMICAL COMPANY	03/25/2010 2012-503518	2012-522784	04/10/2015 5727456
68280-RU-PCT	Russian Federation	COLD TEMPERATURE STABLE BIOCIDAL COMPOSITION	THE DOW CHEMICAL COMPANY	03/25/2010 2011144572	2011144572	11/27/2014 2534577
68430-AR-NP	Argentina	BIOCIDAL COMPOSITIONS AND METHODS OF USE	THE DOW CHEMICAL COMPANY	04/21/2010 P100101312		05/16/2018 076348
68430-AU-PCT 68430-BR-PCT	Australia Brazil	BIOCIDAL COMPOSITIONS AND METHODS OF USE BIOCIDAL COMPOSITIONS AND METHODS OF USE	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	06/18/2010 2010318652 05/18/2010 1120120107470		09/04/2014 2010318652
68430-CN-PCT 68430-DE-EPT	China Germany	METHODS OF USE	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	06/18/2010 201080050856.X 06/18/2010 10727318.7	102665423 2498613	10/15/2014 201080050856.X 03/11/2015 602010023043.0
68430-FR-EPT	France	BIOCIDAL COMPOSITIONS AND METHODS OF USE	THE DOW CHEMICAL	06/18/2010 10727318.7	2498613	03/11/2015 2498613
<b>68430-G8-EP</b> T	United Kingdom	BIOCIDAL COMPOSITIONS AND METHODS OF USE	THE DOW CHEMICAL COMPANY	06/18/2010 10727318.7	2498613	03/11/2015 2498613
68430-GC-NP 68430-IN-PCT	Gulf Cooperation Council	METHODS OF USE	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	04/21/2010 P/2010/15719 06/18/2010 4130/CHENP/2012	4130/CHENP/2	03/14/2018 GC0007335
68430-JP-PCT 68430-PL-EPT	Japan Poland	METHODS OF USE	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	06/18/2010 2012-537867 06/18/2010 10727318.7	2013-510146 2498613	06/26/2015 5767233 :03/11/2015 2498613
68430-RU-PCT	Russian Federation	BIOCIDAL COMPOSITIONS AND	THE DOW CHEMICAL COMPANY	06/18/2010 10/2/318.7	2012124023	04/10/2015 2547177

United States Of 68430-US-DIV America	BIOCIDAL COMPOSITIONS AND METHODS OF USE	THE DOW CHEMICAL COMPANY	08/29/2016	15/249814	2016-0360746	04/03/2018 9930885
United States Of 68430-US-NP America	BIOCIDAL COMPOSITIONS AND METHODS OF USE	THE DOW CHEMICAL COMPANY	06/18/2010	12/818581	2011-0108493	09/27/2016 9451768
68487-AR-DIV Argentina	GLUTARALDEHYDE BASED BIOCIDAL COMPOSITIONS AND METHODS OF USE	THE DOW CHEMICAL COMPANY	04/13/2018	20180100946		
68487-AR-DIV[2] Argentina	GLUTARALDEHYDE BASED BIOCIDAL COMPOSITIONS AND METHODS OF USE	THE DOW CHEMICAL COMPANY	04/13/2018	20180100947		
68487-AR-NP Argentina	GLUTARALDEHYDE BASED BIOCIDAL COMPOSITIONS AND METHODS OF USE	THE DOW CHEMICAL COMPANY	05/26/2010	P100101821	076708	
68487-AU-PCD Australia	METHODS OF USE	THE DOW CHEMICAL COMPANY	03/03/2014	2014201141		12/17/2015 2014201141
68487-AU-PCD[2] Australia	METHODS OF USE	THE DOW CHEMICAL COMPANY	03/03/2014	2014201142		10/15/2015 2014201142
68487-AU-PCT Australia	METHODS OF USE	THE DOW CHEMICAL COMPANY	05/21/2010	2010254313		10/23/2014 2010254313
68487-BR-PCD Brazil	METHODS OF USE	THE DOW CHEMICAL COMPANY	03/06/2017	122017004442-7		07/25/2017 122017004442-
68487-BR-PCT Brazil	METHODS OF USE	THE DOW CHEMICAL COMPANY	05/21/2010	PI1007581.0		07/18/2017 PI1007581.0
68487-CN-PCD China	METHODS OF USE	THE DOW CHEMICAL COMPANY	01/21/2014	201410026142.5	103704208	11/25/2015 201410026142
68487-CN-PCD[2] China	GLUTARALDEHYDE BASED BIOCIDAL COMPOSITIONS AND METHODS OF USE GLUTARALDEHYDE	THE DOW CHEMICAL COMPANY	01/21/2014	201410026201.9	103749464	11/23/2016 201410026201.
68487-CN-PCT China	BASED BIOCIDAL	THE DOW CHEMICAL COMPANY	05/21/2010	201080022898.2	102448294	07/30/2014 201080022898.
68487-DE-EPT Germany	BASED BIOCIDAL COMPOSITIONS AND METHODS OF USE GLUTARALDEHYDE BASED BIOCIDAL COMPOSITIONS AND	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL	05/21/2010		2434877	04/16/2014 602010015170.0
68487-DE-ETD Germany	METHODS OF USE	COMPANY	10/18/2013		2700313	12/23/2015 602010029796.

68487-FR-EPT	France	GLUTARALDEHYDE BASED BIOCIDAL COMPOSITIONS AND METHODS OF USE	THE DOW CHEMICAL	05/21/2010	10722244.0	2434877	04/16/2014 2434877
68487-FR-ETD	France	GLUTARALDEHYDE BASED BIOCIDAL COMPOSITIONS AND METHODS OF USE	THE DOW CHEMICAL COMPANY	10/18/2013	13189411.5	2700313	12/23/2015 2700313
68487-GB-EPT	United Kingdom	GLUTARALDEHYDE BASED BIOCIDAL COMPOSITIONS AND METHODS OF USE	THE DOW CHEMICAL	05/21/2010	10722244.0	2434877	04/16/2014 2434877
68487-GB-ETD	United Kingdom	GLUTARALDEHYDE BASED BIOCIDAL COMPOSITIONS AND METHODS OF USE	THE DOW CHEMICAL COMPANY	10/18/2013	13189411.5	2700313	12/23/2015 2700313
68487-GC-GCD	Gulf Cooperation Council	METHODS OF USE	THE DOW CHEMICAL COMPANY	03/16/2016	2010-30981		
68487-GC-GCD[2	Gulf Cooperation  [] Council	BASED BIOCIDAL COMPOSITIONS AND METHODS OF USE	THE DOW CHEMICAL COMPANY	03/09/2016	2010-30980		
68487-GC-GCP 68487-IN-PCD	Gulf Cooperation Council	METHODS OF USE  GLUTARALDEHYDE  BASED BIOCIDAL	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	05/25/2010	2010/15938	201848017668	04/22/2018 GC0007631
68487-IN-PCT	India Japan	GLUTARALDEHYDE BASED BIOCIDAL COMPOSITIONS AND METHODS OF USE GLUTARALDEHYDE BASED BIOCIDAL	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	05/21/2010	8641/CHENP/2011 2012-513143		09/14/2018 301026 05/29/2015 5753162
68487-PL-EPT	Poland	GLUTARALDEHYDE BASED BIOCIDAL COMPOSITIONS AND METHODS OF USE	THE DOW CHEMICAL COMPANY	05/21/2010	10722244.0	2434877	04/16/2014 2434877
68487-PL-ETD	Poland	GLUTARALDEHYDE BASED BIOCIDAL COMPOSITIONS AND METHODS OF USE	THE DOW CHEMICAL COMPANY	10/18/2013	13189411.5	2700313	12/23/2015 2700313
68487-RU-PCT	Russian Federation	GLUTARALDEHYDE BASED BIOCIDAL COMPOSITIONS AND METHODS OF USE	THE DOW CHEMICAL	05/21/2010	2011152974	2011152974	11/27/2014 2534574
68487-US-DIV	United States Of America	GLUTARALDEHYDE BASED BIOCIDAL COMPOSITIONS AND METHODS OF USE	THE DOW CHEMICAL COMPANY	10/03/2014	14/506115	2015-0025078	10/04/2016 9456607

		GLUTARALDEHYDE BASED BIOCIDAL					
	United States Of		THE DOW CHEMICAL				
68487-US-DIV[2]	America	METHODS OF USE	COMPANY	10/03/2014	14/506153	2015-0025079	02/21/2017 9572344
	United States Of		THE DOW CHEMICAL				
68487-US-NP	America	METHODS OF USE BROMINATED	COMPANY	05/21/2010	12/785075	2010-0305132	11/18/2014 8889679
		NITROALKANOL					
		COMPOSITIONS AND					
		THEIR USE AS	THE DOW CHEMICAL				
68488-AR-NP	Argentina	BIOCIDES BROMINATED	COMPANY	06/10/2010	P100102057	077059	
		NITROALKANOL					
		COMPOSITIONS AND					
68488-AU-PCT	Australia	THEIR USE AS BIOCIDES BROMINATED	THE DOW CHEMICAL COMPANY	06/09/2010	2010258901		09/04/2014 2010258901
		NITROALKANOL					
		COMPOSITIONS AND					
68488-BR-PCT	Brazil	THEIR USE AS BIOCIDES	THE DOW CHEMICAL COMPANY	06/09/2010	PI1009008.8		
00100 0111 01	5.42.1	BROMINATED		00,05,2010	111005000.0		
		NITROALKANOL					
		COMPOSITIONS AND THEIR USE AS	THE DOW CHEMICAL				
68488-CN-PCT	China	BIOCIDES	COMPANY	06/09/2010	201080025372.X	102802411	02/04/2015 201080025372.
		BROMINATED					
		NITROALKANOL					
		COMPOSITIONS AND THEIR USE AS	THE DOW CHEMICAL				
68488-DE-EPT	Germany	BIOCIDES	COMPANY	06/09/2010	10724965.8	2440047	05/08/2013 602010006966.4
		BROMINATED					
		NITROALKANOL COMPOSITIONS AND					
68488-FR-EPT	France	THEIR USE AS BIOCIDES	THE DOW CHEMICAL COMPANY	06/09/2010	10724965.8	2440047	05/08/2013 2440047
		BROMINATED NITROALKANOL					
		COMPOSITIONS AND					
		THEIR USE AS	THE DOW CHEMICAL				
68488-GB-EPT	United Kingdom	BIOCIDES BROMINATED	COMPANY	06/09/2010	10724965.8	2440047	05/08/2013 2440047
		NITROALKANOL COMPOSITIONS AND THEIR USE AS	THE DOW CHEMICAL				
68488-JP-PCT	Japan	BIOCIDES BROMINATED	COMPANY	ub/U9/2010	2012-515084	2012-529524	06/05/2015 5756098
		NITROALKANOL					
		COMPOSITIONS AND					
68488-PL-EPT	Poland	THEIR USE AS BIOCIDES	THE DOW CHEMICAL COMPANY	06/09/2010	10724965 9	2440047	05/08/2013 2440047
50-50-1 E*EF1	. Gund	BROMINATED		55/05/2010	13, 24303.0	2	55,56,2513 2440047
		NITROALKANOL					
		COMPOSITIONS AND	THE DOMEDLE MON				
68488-RU-PCT	Russian Federation	THEIR USE AS BIOCIDES	THE DOW CHEMICAL COMPANY	06/09/2010	2011153688	2011153688	11/27/2014 2533924
		BROMINATED					
		NITROALKANOL					
	United States Of	COMPOSITIONS AND THEIR USE AS	THE DOW CHEMICAL				
68488-US-NP	America	BIOCIDES	COMPANY	06/09/2010	12/796694	2010-0317744	03/31/2015 8993638
		COMPOSITIONS OF					
68658-BR-PCT	Brazil	AS BIOCIDES	THE DOW CHEMICAL COMPANY	09/27/2010	112012004931.3		
		COMPOSITIONS OF					
		DIBROMOMALONA MIDE AND THEIR USE	THE DOW CHEMICAL				
68658-CN-PCT	China	AS BIOCIDES	COMPANY	09/27/2010	201080042701.1	102548402	12/24/2014 201080042701.

COMPOSITIONS OF DIBROMOMALONA MIDE AND THEIR USE THE DOW CHEMICAL
68658-DE-EPT Germany AS BIOCIDES COMPANY 09/27/2010 10760880.4 2482650 11/04/2015 602010028811.0 COMPOSITIONS OF DIBROMOMALONA MIDE AND THEIR LEFT THE POWER PLANTS.
MIDE AND THEIR USE THE DOW CHEMICAL  68658-FR-EPT France AS BIOCIDES COMPANY 09/27/2010 10760880.4 2482650 11/04/2015 2482650  COMPOSITIONS OF DIBROMOMALONA MIDE AND THEIR USE THE DOW CHEMICAL
68658-GB-EPT United Kingdom AS BIOCIDES COMPANY 09/27/2010 10760880.4 2482650 11/04/2015 2482650 COMPOSITIONS OF DIBROMOMALONA
MIDE AND THEIR USE THE DOW CHEMICAL 68658-IN-PCT India AS BIOCIDES COMPANY 09/27/2010 2757/CHENP/2012 2757/CHENP/2 07/25/2018 299228 COMPOSITIONS OF DIBROMOMALONA
MIDE AND THEIR USE THE DOW CHEMICAL  68658-JP-PCT Japan AS BIOCIDES COMPANY 09/27/2010 2012-531092 2013-505956 03/11/2016 5898080  COMPOSITIONS OF DIBROMOMALONA
MIDE AND THEIR USE THE DOW CHEMICAL 68658-MX-PCT Mexico AS BIOCIDES COMPANY 09/27/2010 MX/a/12/003732 MX/a/12/0037 01/30/2015 327449 COMPOSITIONS OF
DIBROMOMALONA United States Of MIDE AND THEIR USE THE DOW CHEMICAL  68658-US-PCT America AS BIOCIDES COMPANY 09/27/2010 13/388070 2012-0178817 02/24/2015 8962690  COMPOSITIONS OF
DIBROMOMALONA MIDE AND THEIR USE THE DOW CHEMICAL 68659-BR-PCT Brazil AS BIOCIDES COMPANY 09/27/2010 112012004932.1 COMPOSITIONS OF
DIBROMOMALONA MIDE AND THEIR USE THE DOW CHEMICAL 68659-CN-PCD China AS BIOCIDES COMPANY 05/26/2015 201510275556.6 104886051 08/29/2017 201510275556.6
COMPOSITIONS OF DIBROMOMALONA MIDE AND THEIR USE THE DOW CHEMICAL 68659-CN-PCD[2] China AS BIOCIDES COMPANY 08/22/2016 201610701869.8
COMPOSITIONS OF DIBROMOMALONA MIDE AND THEIR USE THE DOW CHEMICAL 68659-CN-PCD[3] China AS BIOCIDES COMPANY 08/22/2016 201610700992.8 106386806
COMPOSITIONS OF DIBROMOMALONA MIDE AND THEIR USE THE DOW CHEMICAL
68659-CN-PCD[4] China AS BIOCIDES COMPANY 08/22/2016 201610702262.1 COMPOSITIONS OF DIBROMOMALONA MIDE AND THEIR USE THE DOW CHEMICAL
68659-CN-PCD[5] China AS BIOCIDES COMPANY 08/22/2016 201610701867-9  COMPOSITIONS OF DIBROMOMALONA MIDE AND THEIR USE THE DOW CHEMICAL
68659-CN-PCT China AS BIOCIDES COMPANY 09/27/2010 201080042793.3 102548403 06/24/2015 201080042793.3 COMPOSITIONS OF DIBROMOMALONA MIDE AND THEIR USE THE DOW CHEMICAL 68659-DE-EPT Germany AS BIOCIDES COMPANY 09/27/2010 10750881.2 2482651 10/28/2015 602010028627.4
COMPOSITIONS OF DIBROMOMALONA MIDE AND THEIR USE THE DOW CHEMICAL 68659-FR-EPT France AS BIOCIDES COMPANY 09/27/2010 10760881.2 2482651 10/28/2015 2482651 COMPOSITIONS OF DIBROMOMALONA
MIDE AND THEIR USE THE DOW CHEMICAL  68659-GB-EPT United Kingdom AS BIOCIDES COMPANY 09/27/2010 10760881.2 2482651 10/28/2015 2482651  COMPOSITIONS OF DIBROMOMALONA
MIDE AND THEIR USE THE DOW CHEMICAL 68659-IN-PCT India AS BIOCIDES COMPANY 09/27/2010 2740/CHENP/2012 2740/CHENP/2 08/24/2018 300268

	COMPOSITIONS OF DIBROMOMALONA	
68659-JP-PCT Japan	MIDE AND THEIR USE THE DOW CHEMICAL AS BIOCIDES COMPANY COMPOSITIONS OF	09/27/2010 2012-531093 2013-505957 05/15/2015 5744881
	DIBROMOMALONA	
	MIDE AND THEIR USE THE DOW CHEMICAL	
68659-MX-PCD Mexico	AS BIOCIDES COMPANY	08/07/2014 MX/a/14/009547 01/25/2017 345326
	COMPOSITIONS OF DIBROMOMALONA	
	MIDE AND THEIR USE THE DOW CHEMICAL	
68659-MX-PCD[2] Mexica	AS BIOCIDES COMPANY	10/05/2016 MX/a/2016/013088
	COMPOSITIONS OF DIBROMOMALONA	
	MIDE AND THEIR USE THE DOW CHEMICAL	
68659-MX-PCD[3] Mexico	AS BIOCIDES COMPANY	10/05/2016 MX/a/2016/013089
	COMPOSITIONS OF DIBROMOMALONA	
	MIDE AND THEIR USE THE DOW CHEMICAL	
68659-MX-PCD[4] Mexica	AS BIOCIDES COMPANY	10/05/2016: MX/a/2016/013090
	COMPOSITIONS OF	
	DIBROMOMALONA MIDE AND THEIR USE THE DOW CHEMICAL	
68659-MX-PCD[5] Mexico	AS BIOCIDES COMPANY	10/05/2016 MX/a/2016/013091
	COMPOSITIONS OF	
	DIBROMOMALONA MIDE AND THEIR USE THE DOW CHEMICAL	
68659-MX-PCT Mexico	AS BIOCIDES COMPANY	09/27/2010 MX/a/12/003733 MX/a/2012/00 12/08/2014 326058
	COMPOSITIONS OF	
United States Of	DIBROMOMALONA MIDE AND THEIR USE THE DOW CHEMICAL	
68659-US-PCD America	AS BIOCIDES COMPANY	11/15/2013 14/081520 2014-0135334 06/17/2014 8754083
	COMPOSITIONS OF	
u salge e ot	DIBROMOMALONA	
United States Of 68659-US-PCD[2] America	MIDE AND THEIR USE THE DOW CHEMICAL AS BIOCIDES COMPANY	11/15/2013 14/081541 2014-0142148 12/02/2014 8900613
	COMPOSITIONS OF	
	DIBROMOMALONA	
United States Of 68659-US-PCD[3] America	MIDE AND THEIR USE THE DOW CHEMICAL AS BIOCIDES COMPANY	11/15/2013 14/081556 2014-0073646 06/10/2014 8748427
	COMPOSITIONS OF	
	DIBROMOMALONA	
United States Of 68659-US-PCD[4] America	MIDE AND THEIR USE THE DOW CHEMICAL AS BIOCIDES COMPANY	11/15/2013 14/081572 2014-0073544 06/10/2014 8747873
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	DIBROMOMALONA	
United States Of 68659-US-PCT America	MIDE AND THEIR USE THE DOW CHEMICAL  AS BIOCIDES COMPANY	09/27/2010 13/388312 2012-0129861 01/07/2014 8623391
08039-03-FC1 America	COMPOSITIONS OF	09/27/2010 13/386312 2012-0123601 01/07/2014 6023331
	DIBROMOMALONA	
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68660-BR-PCT Brazil	AS BIOCIDES COMPANY COMPOSITIONS OF	09/27/2010 112012004921.6
	DIBROMOMALONA	
	MIDE AND THEIR USE THE DOW CHEMICAL	
68660-CN-PCT China	AS BIOCIDES COMPANY COMPOSITIONS OF	09/27/2010 201080041151.1 102573494 10/26/2016 201080041151.1
	DIBROMOMALONA	
	MIDE AND THEIR USE THE DOW CHEMICAL	
68660-DE-EPT Germany	AS BIOCIDES COMPANY COMPOSITIONS OF	09/27/2010 10760879.6 2482663 02/10/2016 602010030570.8
	DIBROMOMALONA	
	MIDE AND THEIR USE THE DOW CHEMICAL	
68660-FR-EPT France	AS BIOCIDES COMPANY COMPOSITIONS OF	09/27/2010 10760879.6 2482663 02/10/2016 2482663
	DIBROMOMALONA	
	MIDE AND THEIR USE THE DOW CHEMICAL	
68660-GB-EPT United Kingdom	AS BIOCIDES COMPANY	09/27/2010 10760879.6 2482663 02/10/2016 2482663
	COMPOSITIONS OF DIBROMOMALONA	
	MIDE AND THEIR USE THE DOW CHEMICAL	
68660-IN-PCT India	AS BIOCIDES COMPANY	09/27/2010 2745/CHENP/2012 2745/CHENP/2 06/29/2018 298264

COMPOSITIONS OF	
DIBROMOMALONA	
MIDE AND THEIR USE THE DOW CHEMICAL	
68660-JP-PCT Japan AS BIOCIDES COMPANY 09/27/20	010 2012-531090 2013-505954 05/22/2015 5749722
COMPOSITIONS OF	
DIBROMOMALONA	
MIDE AND THEIR USE THE DOW CHEMICAL	
68660-MX-PCT Mexico AS BIOCIDES COMPANY 09/27/20	010 MX/a/12/003739 MX/a/12/0037 12/17/2014 326419
COMPOSITIONS OF	,-,
DIBROMOMALONA	
United States Of MIDE AND THEIR USE THE DOW CHEMICAL	
	010 13/389466 2012-0184588 06/17/2014 8754130
	710 13/363400 2012-0104366 UQ/17/2014 0734130
COMPOSITIONS OF	
DIBROMOMALONA	
MIDE AND THEIR USE THE DOW CHEMICAL	
	017 201710538261.2 107251902
COMPOSITIONS OF	
DIBROMOMALONA	
MIDE AND THEIR USE THE DOW CHEMICAL	
68661-CN-PCT China AS BIOCIDES COMPANY 09/30/20	010 201080069381.9 103200818 07/22/2015 201080069381.9
COMPOSITIONS OF	
DIBROMOMALONA	
MIDE AND THEIR USE THE DOW CHEMICAL	
68661-DE-EPT Germany AS BIOCIDES COMPANY 09/30/20	010 10762832.3 2621271 08/27/2014 602010018574.5
COMPOSITIONS OF	,,
DIBROMOMALONA	
MIDE AND THEIR USE THE DOW CHEMICAL	
	010 10762832.3 2621271 08/27/2014 2621271
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MIDE AND THEIR USE THE DOW CHEMICAL	
	010 10762832.3 2621271 08/27/2014 2621271
COMPOSITIONS OF	
DIBROMOMALONA	
MIDE AND THEIR USE THE DOW CHEMICAL	
68661-IN-PCT India AS BIOCIDES COMPANY 09/30/20	010 2254/DELNP/2013 2254/DELNP/2013
COMPOSITIONS OF	
DIBROMOMALONA	
MIDE AND THEIR USE THE DOW CHEMICAL	
	010 2013-531547 2013-538850 02/27/2015 5703381
	010 2013-531547 2013-538850 02/27/2015 5703381
68661-JP-PCT Japan AS BIOCIDES COMPANY 09/30/20	010 2013-531547 2013-538850 02/27/2015 5703381
68661-JP-PCT Japan AS BIOCIDES COMPANY 09/30/20 COMPOSITIONS OF DIBROMOMALONA	010 2013-531547 2013-538850 02/27/2015 5703381
68661-JP-PCT Japan AS BIOCIDES COMPANY 09/30/20 COMPOSITIONS OF DIBROMOMALONA MIDE AND THEIR USE THE DOW CHEMICAL	
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68661-IP-PCT Japan AS BIOCIDES COMPANY 09/30/20 COMPOSITIONS OF DIBROMOMALONA MIDE AND THEIR USE THE DOW CHEMICAL 68661-MX-PCT Mexico AS BIOCIDES COMPANY 09/30/20 COMPOSITIONS OF DIBROMOMALONA MIDE AND THEIR USE THE DOW CHEMICAL AS BIOCIDES COMPANY 09/30/20 COMPOSITIONS OF DIBROMOMALONA COMPOSITIONS OF DIBROMOMALONA United States Of MIDE AND THEIR USE THE DOW CHEMICAL 68661-US-PCD America AS BIOCIDES COMPANY 02/09/20	010 MX/a/13/003156 10/19/2016 342968
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United S	ates Of TRIS(HYDROXYMETI	THE DOW CHEMICAL			
69107-US-DIV America	YL)NITROMETHANE	COMPANY	12/12/2013 14/104467	2014-0100253 05/13/2014 8722713	
	SYNERGISTIC				
	ANTIMICROBIAL				
	COMPOSITION OF				
					1000
	1,2-	3			
	1,2- BENZISOTHIAZOLIN	3			
	1,2- BENZISOTHIAZOLIN ONE AND TRI	3			
nau ve	1,2- BENZISOTHIAZOLIN ONE AND TRI (HYDROXYMETHYL)				
United S	1,2- BENZISOTHIAZOLIN ONE AND TRI (HYDROXYMETHYL) ates Of NITROMETHANE	THE DOW CHEMICAL	11/00/2014 12/2015	1003.0138800 OD/17.000 Town	
United S 69107-US-NP America	1,2- BENZISOTHIAZOLIN ONE AND TRI (HYDROXYMETHYL) ates Of NITROMETHANE AND ITS USE		11/08/2011 13/291524	2012-0129899 03/25/2014 8680128	
	1,2- BENZISOTHIAZOLIN: ONE AND TRI (HYDROXYMETHYL) ates Of NITROMETHANE AND ITS USE DISINFECTANT	THE DOW CHEMICAL	11/08/2011 13/291524	2012-0129899 03/25/2014 8680128	
	1,2- BENZISOTHIAZOLIN ONE AND TRI (HYDROXYMETHYL) sates Of NITROMETHANE AND ITS USE DISINFECTANT FORMULATIONS	THE DOW CHEMICAL	11/08/2011 13/291524	2012-0129899 03/25/2014 8680128	
	1,2- BENZISOTHIAZOLIN: ONE AND TRI (HYDROXYMETHYL) cates Of NITROMETHANE AND ITS USE DISINFECTANT FORMULATIONS SUITABLE FOR USE	THE DOW CHEMICAL COMPANY	11/08/2011 13/291524	2012-0129899 03/25/2014 8680128	
69107-US-NP America	1,2- BENZISOTHIAZOLIN: ONE AND TRI (HYDROXYMETHYL) cates Of NITROMETHANE AND ITS USE DISINFECTANT FORMULATIONS SUITABLE FOR USE AT LOW	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL			
	1,2- BENZISOTHIAZOLIN: ONE AND TRI (HYDROXYMETHYL) cates Of NITROMETHANE AND ITS USE DISINFECTANT FORMULATIONS SUITABLE FOR USE AT LOW	THE DOW CHEMICAL COMPANY	11/08/2011 13/291524 11/29/2010 100104397	2012-0129899 03/25/2014 8680128 079434	

	DISINFECTANT					
	FORMULATIONS					
	SUITABLE FOR USE AT LOW	THE DOW CHEMICAL				
69493-AU-NP Australia	TEMPERATURE	COMPANY	12/03/2010 2010	249177		01/07/2016 2010249177
	DISINFECTANT					
	FORMULATIONS SUITABLE FOR USE					
	AT LOW	THE DOW CHEMICAL				
69493-BR-NP Brazil	TEMPERATURE	COMPANY	12/15/2010 PI100	5561.4	PI1005561.4	08/22/2017 PI1005561.4
	DISINFECTANT FORMULATIONS					
	SUITABLE FOR USE					
	AT LOW	THE DOW CHEMICAL				
69493-CA-NP Canada	TEMPERATURE	COMPANY	11/15/2010 2721.	290		01/06/2015 2721290
	DISINFECTANT FORMULATIONS					
	SUITABLE FOR USE					
	AT LOW	THE DOW CHEMICAL				
69493-CN-NP China	TEMPERATURE DISINFECTANT	COMPANY	12/17/2010 2010	10616449.2	102100226	11/12/2014 201010616449.2
	FORMULATIONS					
	SUITABLE FOR USE					
70403 DE ED4/31 C	ATLOW	THE DOW CHEMICAL	44 (22 (224 0 4042)	2001.2	3300338	07/00/0045 500048534905 0
69493-DE-EPA[2] Germany	TEMPERATURE DISINFECTANT	COMPANY	11/22/2010 1019:	2064.3	2338329	07/20/2016 602010034805.9
	FORMULATIONS					
	SUITABLE FOR USE					
69493-FR-EPA[2] France	AT LOW TEMPERATURE	THE DOW CHEMICAL COMPANY	11/22/2010 1019	2064 3	2338329	07/20/2016 2338329
55455 TK ET 7[2] Trainee	DISINFECTANT	× × × × × × × × × × × × × × × × × × ×	11,22,2010 1015.	2004.5	2330323	07,20,2010 2330323
	FORMULATIONS					
	SUITABLE FOR USE AT LOW	THE DOW CHEMICAL				
69493-G8-EPA[2] United Kingdom	TEMPERATURE	COMPANY	11/22/2010 1019	2064.3	2338329	07/20/2016 2338329
	DISINFECTANT					
	FORMULATIONS SUITABLE FOR USE					
	AT LOW	THE DOW CHEMICAL				
69493-JP-NP Japan	TEMPERATURE	COMPANY	11/08/2010 2010	-249585	2011-126866	12/13/2013 5431291
	DISINFECTANT FORMULATIONS					
	SUITABLE FOR USE					
	AT LOW	THE DOW CHEMICAL				
69493-RU-NP Russian Federation	TEMPERATURE DISINFECTANT	COMPANY	12/16/2010 2010	151 599		06/10/2015 2552077
	FORMULATIONS					
	SUITABLE FOR USE					
United States Of 69493-US-NP America	AT LOW TEMPERATURE	THE DOW CHEMICAL COMPANY	12/14/2010 12/0	67663	2011 0152270	
69493-US-NP America	DISINFECTANT	CONFANT	12/14/2010 12/96	5/003	2011-0152378	
	FORMULATIONS					
	THAT REMAIN LIQUID AT LOW	THE DOW CHEMICAL				
69494-AR-NP Argentina	TEMPERATURE	COMPANY	11/29/2010 1001	04398	080569	
	DISINFECTANT				*******************	
	FORMULATIONS					
	THAT REMAIN LIQUID AT LOW	THE DOW CHEMICAL				
69494-AU-NP Australia	TEMPERATURE	COMPANY	12/03/2010 2010	249180		09/01/2016 2010249180
	DISINFECTANT					
	FORMULATIONS THAT REMAIN					
	LIQUID AT LOW	THE DOW CHEMICAL				
69494-CA-NP Canada	TEMPERATURE	COMPANY	11/15/2010 2721	284		06/10/2014 2721284
	DISINFECTANT FORMULATIONS					
	THAT REMAIN					
	LIQUID AT LOW	THE DOW CHEMICAL	4.0.4-1	40040555		
69494-CN-NP China	TEMPERATURE	COMPANY	12/17/2010 2010	10616532.X	102100227A	

		DISINFECTANT FORMULATIONS				
69494-JP-NP	Japan	THAT REMAIN LIQUID AT LOW TEMPERATURE	THE DOW CHEMICAL COMPANY	11/08/2010 2010-249591	2011-126867	12/13/2013 5431292
69700-BR-NP	Brazil	MICROBIAL COATINGS	THE DOW CHEMICAL COMPANY	07/12/2011 PI1103268.5	PI1103268.5	
69700-DE-EPA	Germany	MICROBIAL COATINGS	THE DOW CHEMICAL COMPANY	07/06/2011 11172851.5	2407028	12/14/2016 602011033320.8
69700-FR-EPA	France	MICROBIAL COATINGS	THE DOW CHEMICAL COMPANY	07/06/2011 11172851.5	2407028	12/14/2016 2407028
69700-IN-NP	India	MICROBIAL COATINGS	THE DOW CHEMICAL COMPANY	07/11/2011 1934/DEL/2011		09/28/2016 276005
69700-IT-EPA	Italy	MICROBIAL COATINGS	THE DOW CHEMICAL COMPANY	07/06/2011 11172851.5	2407028	12/14/2016 50201700002442
69700-JP-NP	Japan	MICROBIAL COATINGS	THE DOW CHEMICAL COMPANY	07/06/2011 2011-149772	2012-021154	02/06/2015 5690235
69700-TR-EPA	Turkey	MICROBIAL COATINGS	THE DOW CHEMICAL COMPANY	07/06/2011 11172851.5	2407028	12/14/2016 2407028
03700-1K-EFA	United States Of	MICROBIAL	THE DOW CHEMICAL	07/00/2011 1117/2031.3	2407026	
69700-US-NP	America	COATINGS SYNERGISTIC	COMPANY	07/11/2011 13/179639	2012-0016055	11/13/2012 8309626
69861-BR-PCD	Brazil	ANTIMICROBIAL COMPOSITION	THE DOW CHEMICAL COMPANY	01/30/2017 122017001862-0		06/20/2017 122017001862-0
		SYNERGISTIC				,,
69861-BR-PCD[2]	Brazil	ANTIMICROBIAL COMPOSITION SYNERGISTIC	THE DOW CHEMICAL COMPANY	01/30/2017 122017001863-9		06/27/2017 122017001863-9
69861-BR-PCD[3]	Brazil	ANTIMICROBIAL COMPOSITION	THE DOW CHEMICAL COMPANY	01/30/2017 122017001866-3		06/20/2017 122017001866-3
03801-814-4-0[3]	DIAZII	SYNERGISTIC ANTIMICROBIAL	THE DOW CHEMICAL	01/30/2017 122017001800-3		00/20/2017 122017001800-3
69861-BR-PCD[4]	Brazil	COMPOSITION SYNERGISTIC	COMPANY	01/30/2017 122017001870-1		06/20/2017 122017001870-1
		ANTIMICROBIAL	THE DOW CHEMICAL	o= /oo /oo /o / / / / / / / / / / / / /		
69861-BR-PCT	Brazil	COMPOSITION SYNERGISTIC	COMPANY	07/28/2010 112012002609.7	112012002609	05/16/2017 112012002609.7
69861-CN-PCT	China	ANTIMICROBIAL COMPOSITION	THE DOW CHEMICAL COMPANY	07/28/2010 201080035146.X	102548415	07/09/2014 201080035146.X
69861-DE-EPT	Germany	SYNERGISTIC ANTIMICROBIAL COMPOSITION	THE DOW CHEMICAL	07/28/2010 10742633.0	2461692	07/10/2013 602010008480.9
		SYNERGISTIC ANTIMICROBIAL	THE DOW CHEMICAL			
69861-GB-EPT	United Kingdom	COMPOSITION SYNERGISTIC ANTIMICROBIAL	COMPANY THE DOW CHEMICAL	07/28/2010 10742633 0	2461692	07/10/2013 2461692
69861-IN-PCT	India	COMPOSITION	COMPANY	07/28/2010 374/DELNP/2012	374/DELNP/20	03/27/2017 281807
		SYNERGISTIC ANTIMICROBIAL	THE DOW CHEMICAL			
69861-MX-PCT	Mexico	COMPOSITION SYNERGISTIC	COMPANY	07/28/2010 MX/a/12/001496		06/12/2014 320992
69861-US-PCT	United States Of America	ANTIMICROBIAL COMPOSITION	THE DOW CHEMICAL COMPANY	07/28/2010 13/389088	2012-0135974	11/26/2013 8592405
		COMPOSITIONS				
	B		THE DOW CHEMICAL			
70056-BR-NP	Brazil	COMPOSITIONS	COMPANY	08/08/2011 PI1103859:4	PI1103859.4	
		CONTAINING 1,2- BENZISOTHIAZOLIN-3	THE DOW CHEMICAL			
70056-CN-NP	China	ONE	COMPANY	08/08/2011 201110260973.5	102379294	07/13/2016 201110260973.5
		COMPOSITIONS CONTAINING 1,2-				
70056-IN-NP	India	BENZISOTHIAZOLIN-3 ONE	THE DOW CHEMICAL COMPANY	07/28/2011 2148/DEL/2011		08/29/2017 286769
		COMPOSITIONS				
		CONTAINING 1,2- BENZISOTHIAZOLIN-3	THE DOW CHEMICAL			
70056-JP-NP	Japan	ONE	COMPANY	07/21/2011 2011-159548	2012-036184	05/30/2014 5550611
			THE DOW CHEMICAL			
70056-KR-NP	SOUTH KOREA	ONE	COMPANY	08/08/2011 10-2011-0078602		09/11/2013 10-1309595

		COMPOSITIONS CONTAINING 1,2-				
			THE DOW CHEMICAL			
70056-MX-NP	Mexico	ONE COMPOSITIONS	COMPANY	08/05/2011 MX/a/2011/008324		06/19/2013 310657
		CONTAINING 1,2-				
			THE DOW CHEMICAL			
70056-RU-NP	Russian Federation		COMPANY	08/05/2011 2011132937		11/10/2013 2497360
		COMPOSITIONS				
	United States Of	CONTAINING 1,2- BENZISOTHIAZOLIN-3	THE DOW CHEMICAL			
70056-US-NP	America	ONE	COMPANY	07/21/2011 13/187599	2012-0035229	05/10/2016 9332758
		BIOCIDAL	THE DOW CHEMICAL			
70086-AR-NP	Argentina	COMPOSITION	COMPANY	08/12/2011 P110102932	082779	
70086-AU-PCT	Australia	BIOCIDAL COMPOSITION	THE DOW CHEMICAL COMPANY	08/13/2010 2010358970		03/12/2015 2010358970
70000 A0 1 C1	, astrana	BIOCIDAL	THE DOW CHEMICAL	00,15,2010 2010350570		03/12/2013 2010330370
70086-BR-PCT	Brazil	COMPOSITION	COMPANY	08/13/2010 112013001743.0	11201300174	12/05/2017 112013001743-0
	Carrada	BIOCIDAL	THE DOW CHEMICAL	00/40/2040 2005504		
70086-CA-PCT	Canada	COMPOSITION BIOCIDAL	COMPANY THE DOW CHEMICAL	08/13/2010 2806624		
70086-CN-PCT	China	COMPOSITION	COMPANY	08/13/2010 201080068520.6	103068246	04/15/2015 201080068520.6
***************************************		BIOCIDAL	THE DOW CHEMICAL			
70086-DE-EPT	Germany	COMPOSITION	COMPANY	08/13/2010 10855781.0	2582246	03/16/2016 602010031324.7
70086-FR-EPT	France	BIOCIDAL COMPOSITION	THE DOW CHEMICAL COMPANY	08/13/2010 10855781.0	2582246	03/16/2016 2582246
70000 TH CL		BIOCIDAL	THE DOW CHEMICAL		EGGEE TO	03/10/2010 23022-0
70086-GB-EPT	United Kingdom	COMPOSITION	COMPANY	08/13/2010 10855781.0	2582246	03/16/2016 2582246
	Gulf Cooperation	BIOCIDAL	THE DOW CHEMICAL			
70086-GC-NP	Council	COMPOSITION BIOCIDAL	COMPANY THE DOW CHEMICAL	08/10/2011 2011/19027		01/11/2016 GC0003925
70086-ID-PCT	Indonesia	COMPOSITION	COMPANY	08/13/2010 W00201300515	2013/03187	
		BIOCIDAL	THE DOW CHEMICAL		·	
70086-IN-PCT	India	COMPOSITION	COMPANY	08/13/2010 1320/DELNP/2013		
70086-JP-PCT	Japan	BIOCIDAL COMPOSITION	THE DOW CHEMICAL COMPANY	08/13/2010 2013-523454	2013-535490	11/21/2014 5649731
70080-31-1-01	Japan	BIOCIDAL	THE DOW CHEMICAL	08/13/2010 2013-323434	2013-333490	11/21/2014 3043/31
70086-MX-PCT	Mexico	COMPOSITION	COMPANY	08/13/2010 MX/a/2013/001274		06/15/2016 339871
		BIOCIDAL	THE DOW CHEMICAL			
70086-PL-EPT	Poland	COMPOSITION BIOCIDAL	COMPANY THE DOW CHEMICAL	08/13/2010 10855781.0	2582246	03/16/2016 2582246
70086-RU-PCT	Russian Federation		COMPANY	08/13/2010 2013110782		12/10/2014 2539923
ACRES OF THE PROPERTY OF THE P	United States Of	BIOCIDAL	THE DOW CHEMICAL			
70086-US-PCT	America	COMPOSITION	COMPANY	08/13/2010 13/816697	2015-0018317	11/07/2017 9808012
		COMPOSITIONS OF DIBROMOMALANO				
			THE DOW CHEMICAL			
70087-BR-PCT	Brazil	AS BIOCIDES	COMPANY	08/03/2011 112013001746.5		02/06/2018 112013001746-5
		COMPOSITIONS OF				
		DIBROMOMALANO MIDE AND THEIR LISE	THE DOW CHEMICAL			
70087-CN-PCT	China	AS BIOCIDES	COMPANY	08/03/2011 201180038883.X		05/20/2015 201180038883.X
		COMPOSITIONS OF				
		DIBROMOMALANO	THE BOILD CHERMON			
70087-DE-EPT	Germany	AS BIOCIDES	THE DOW CHEMICAL COMPANY	08/03/2011 11746373.7	2582238	06/04/2014 602011007481.4
3.0007 DC G		COMPOSITIONS OF				00/07/2017 00201150/7017
		DIBROMOMALANO				
70007 FC FDT	Constitu		THE DOW CHEMICAL	00/02/2014 147452727	2502220	06/04/2014 2502220
70087-ES-EPT	Spain	AS BIOCIDES COMPOSITIONS OF	COMPANY	08/03/2011 11746373.7	2582238	06/04/2014 2582238
		DIBROMOMALANO				
			THE DOW CHEMICAL			
70087-FR-EPT	France	AS BIOCIDES	COMPANY	08/03/2011 11746373.7	2582238	06/04/2014 2582238
		COMPOSITIONS OF DIBROMOMALANO				
			THE DOW CHEMICAL			
70087-GB-EPT	United Kingdom	AS BIOCIDES	COMPANY	08/03/2011 11746373.7	2582238	06/04/2014 2582238
		COMPOSITIONS OF				
		DIBROMOMALANO MIDE AND THEIR USE	THE DOW CHEMICAL			
70087-IN-PCT	India	AS BIOCIDES	COMPANY	08/03/2011 1220/DELNP/2013	1220/DELNP/2	013

DIBRO	OSITIONS OF MOMALANO IND THEIR USE THE DOW CHEMICAL		
70087-IT-EPT Italy AS BIO COMPO		08/03/2011 11746373.7 2582238	06/04/2014 2582238
MIDE A 70087-JP-PCT Japan AS BIO	AND THEIR USE THE DOW CHEMICAL	08/03/2011 2013-524105 2013-533311	05/01/2015 5739533
DIBROI	Momalano Ind Their Use the Dow Chemical	08/03/2011 MX/a/13/001526	
DIBROI	OSITIONS OF MOMALANO AND THEIR USE THE DOW CHEMICAL		
	CIDES COMPANY DSITIONS OF MOMALANO	08/03/2011 11746373.7 2582238	06/04/2014 2582238
United States Of MIDE A 70087-US-PCT America AS BIO	AND THEIR USE THE DOW CHEMICAL CIDES COMPANY	08/03/2011 13/814525 2013-0142886	06/23/2015 9060511
PROTEG ANTIM	CTED ICROBIAL		
COMPC HIGH T	DUNDS FOR EMPERATURE THE DOW CHEMICAL		
70468-AR-NP Argentina APPLIC	ATIONS COMPANY CTED	03/09/2012 20120100790 088724	
ANTIM	ICROBIAL DUNDS FOR		
	EMPERATURE THE DOW CHEMICAL ATIONS COMPANY	12/02/2011 2011341495	02/25/2016 2011341495
PROTEC			
COMPO	ICROBIAL DUNDS FOR		
	EMPERATURE THE DOW CHEMICAL ATIONS COMPANY	12/02/2011 112013014873.0	
PROTE( ANTIM	CTED ICROBIAL		
	DUNDS FOR EMPERATURE THE DOW CHEMICAL		
	ATIONS COMPANY	12/02/2011 2819655	
	ICROBIAL		
HIGHT	DUNDS FOR EMPERATURE THE DOW CHEMICAL ATIONS COMPANY	12/02/2014 2011/20010220 4 102250400	
70400-CHTC Citie Affice	A)TOTAL		01/20/2016 201100060720 #
PROTE	CTED CTED	12/02/2011 201180059739.4 103260409	01/20/2016 201180059739.4
	CTED ICROBIAL DUNDS FOR	12/02/2011 201180055735.4 103200409	01/20/2016 201180059739.4
ANTIM COMPC HIGH T	ICROBIAL	12/02/2011 201180055/35.4 103280409	01/20/2016 201180059739.4 06/29/2016 602011027798.7
ANTIM COMPO HIGH T 70468-DE-EPT Germany APPLIC PROTECT	ICROBIAL DUNDS FOR EMPERATURE THE DOW CHEMICAL ATIONS COMPANY CTED		
ANTIM COMPO HIGH T 70468-DE-EPT Germany APPLIC PROTEC ANTIM COMPO	ICROBIAL DUNDS FOR EMPERATURE THE DOW CHEMICAL ATIONS COMPANY  CTED ICROBIAL DUNDS FOR		
ANTIM COMPO HIGH T 70468-DE-EPT Germany APPLIC PROTEC ANTIM COMPO HIGH T	ICROBIAL DUNDS FOR EMPERATURE THE DOW CHEMICAL ATIONS COMPANY  CTED ICROBIAL	12/02/2011 11793995.9 2629613	
ANTIM COMPO HIGH T 70468-DE-EPT Germany APPLIC  PROTEC ANTIM COMPO HIGH T 70468-FR-EPT France APPLIC  PROTEC PROTEC	ICROBIAL DUNDS FOR EMPERATURE THE DOW CHEMICAL ATIONS COMPANY  CTED ICROBIAL DUNDS FOR EMPERATURE THE DOW CHEMICAL ATIONS THE DOW CHEMICAL COMPANY	12/02/2011 11793995.9 2629613	06/29/2016 602011027798.7
ANTIM COMPO HIGH T 70468-DE-EPT Germany APPLIC  PROTEI ANTIM COMPO HIGH T 70468-FR-EPT France PROTEI ANTIM COMPO ANTIM COMPO HIGH T	ICROBIAL DUNDS FOR EMPERATURE THE DOW CHEMICAL ATIONS COMPANY  CTED ICROBIAL DUNDS FOR EMPERATURE THE DOW CHEMICAL ATIONS COMPANY  CTED ICROBIAL DUNDS FOR EMPERATURE THE DOW CHEMICAL ATIONS COMPANY  CTED ICROBIAL DUNDS FOR EMPERATURE THE DOW CHEMICAL	12/02/2011 11793995.9 2629613 12/02/2011 11793995.9 2629613	06/29/2016 602011027798.7 06/29/2016 2629613
ANTIM COMPO HIGH T 70468-DE-EPT Germany APPLIC  PROTEG ANTIM COMPO HIGH T 70468-FR-EPT France PROTEG ANTIM COMPO HIGH T 70468-GB-EPT United Kingdom APPLIC	ICROBIAL DUNDS FOR EMPERATURE THE DOW CHEMICAL ATIONS COMPANY  CTED ICROBIAL DUNDS FOR EMPERATURE THE DOW CHEMICAL ATIONS COMPANY  CTED ICROBIAL DUNDS FOR EMPERATURE THE DOW CHEMICAL DUNDS FOR EMPERATURE THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	12/02/2011 11793995.9 2629613	06/29/2016 602011027798.7
ANTIM COMPO HIGH T 70468-DE-EPT Germany APPLIC  PROTEC ANTIM COMPO HIGH T 70468-FR-EPT France PROTEC ANTIM COMPO HIGH T 70468-GB-EPT United Kingdom APPLIC  PROTEC ANTIM	ICROBIAL DUNDS FOR EMPERATURE ATIONS  COMPANY  CTED ICROBIAL DUNDS FOR EMPERATURE ATIONS  COMPANY  CTED ICROBIAL DUNDS FOR EMPERATURE ATIONS  COMPANY  CTED ICROBIAL DUNDS FOR EMPERATURE THE DOW CHEMICAL ATIONS  COMPANY  CTED ICROBIAL ATIONS  COMPANY  CTED ICROBIAL ATIONS  COMPANY  CTED ICROBIAL	12/02/2011 11793995.9 2629613 12/02/2011 11793995.9 2629613	06/29/2016 602011027798.7 06/29/2016 2629613
ANTIM COMPO HIGH T 70468-DE-EPT Germany APPLIC  PROTEC ANTIM COMPO HIGH T 70468-FR-EPT France APPLIC  PROTEC ANTIM COMPO HIGH T 70468-GB-EPT United Kingdom APPLIC  PROTEC ANTIM COMPO HIGH T APPLIC  PROTEC ANTIM COMPO HIGH T APPLIC  PROTEC ANTIM COMPO HIGH T H H H H H H H H H H H H H H H H H H	ICROBIAL DUNDS FOR EMPERATURE ATIONS  COMPANY  CTED ICROBIAL DUNDS FOR EMPERATURE ATIONS  COMPANY  CTED ICROBIAL DUNDS FOR EMPERATURE ATIONS  COMPANY  CTED ICROBIAL DUNDS FOR EMPERATURE THE DOW CHEMICAL ATIONS  COMPANY  CTED ICROBIAL DUNDS FOR EMPERATURE THE DOW CHEMICAL ATIONS  COMPANY  CTED	12/02/2011 11793995.9 2629613 12/02/2011 11793995.9 2629613 12/02/2011 11793995.9 2629613	06/29/2016 602011027798.7 06/29/2016 2629613

70468-ID-PCT Indonesia	APPLICATIONS  PROTECTED  ANTIMICROBIAL  COMPOUNDS FOR HIGH TEMPERATURE	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL	12/02/2011 W00201302627	2014/02627	05/19/2017
70468-IN-PCT India  70468-JP-PCT Japan  70468-RU-PCT Russian Federation	APPLICATIONS  PROTECTED  ANTIMICROBIAL  COMPOUNDS FOR HIGH TEMPERATURE	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	12/02/2011 4755/DELNP/2013 12/02/2011 2013-544536 12/02/2011 2013132831	4755/DELNP/20	02/19/2016 5886315 01/27/2016 2573791
United States Of 70468-US-PCT America	PROTECTED ANTIMICROBIAL COMPOUNDS FOR HIGH TEMPERATURE APPLICATIONS SYNERGISTIC COMBINATION OF	THE DOW CHEMICAL COMPANY	12/02/2011 13/993523	2013-0261148	06/03/2014 8741928
70502-BR-NP Brazil 70502-DE-EPA Germany	FLUMETSULAM WITH THIABENDAZOLE SYNERGISTIC COMBINATION OF FLUMETSULAM WITH THIABENDAZOLE	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	11/03/2011 PH1105308.9 10/06/2011 11184071.6	PI1105308:9	01/02/2018 PH1105308.9 10/02/2013 602011003252.6
70502-GB-EPA United Kingdom	SYNERGISTIC COMBINATION OF FLUMETSULAM WITH THIABENDAZOLE SYNERGISTIC COMBINATION OF	THE DOW CHEMICAL COMPANY	10/06/2011 11184071.6	2471365	10/02/2013 2471365
70502-IN-NP India 70502-MX-NP Mexico	FLUMETSULAM WITH THIABENDAZOLE SYNERGISTIC COMBINATION OF FLUMETSULAM WITH THIABENDAZOLE	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	10/18/2011 2977/DEL/2011 10/27/2011 MX/a/11/011405	2977/DEL/201:	06/13/2017 284167 10/09/2013 314089
United States Of 70502-US-NP America	SYNERGISTIC COMBINATION OF FLUMETSULAM WITH THIABENDAZOLE SYNERGISTIC	THE DOW CHEMICAL COMPANY	11/04/2011 13/289281	2012-0115725	12/17/2013 8609590
70503-BR-NP Brazil	COMBINATION OF FLUMETSULAM OR DICLOSULAM WITH ZINC PYRITHIONE SYNERGISTIC COMBINATION OF FLUMETSULAM OR	THE DOW CHEMICAL COMPANY	11/03/2011 PH105285-6	PI1105285-6	01/02/2018 PI1105285-6
70503-DE-EPA Germany	DICLOSULAM WITH ZINC PYRITHIONE	THE DOW CHEMICAL COMPANY	10/06/2011 11184069.0	2481285	05/20/2015 602011016558.5

		SYNERGISTIC				
		COMBINATION OF				
		FLUMETSULAM OR				
70003 CB FB4	United Kinadem	DICLOSULAM WITH	THE DOW CHEMICAL	10/07/7011 1119/000 0	3/10/13/05	0F/20/201F 349138F
70503-GB-EPA	United Kingdom	ZINC PYRITHIONE SYNERGISTIC	COMPANY	10/06/2011 11184069.0	2481285	05/20/2015 2481285
		COMBINATION OF				
		FLUMETSULAM OR				
		DICLOSULAM WITH	THE DOW CHEMICAL			
70503-IN-NP	India	ZINC PYRITHIONE	COMPANY	10/18/2011 2975/DEL/2011	. 2975/DEL/201	11/13/2017 289510
		SYNERGISTIC COMBINATION OF				
		FLUMETSULAM OR				
		DICLOSULAM WITH	THE DOW CHEMICAL			
70503-MX-NP	Mexico	ZINC PYRITHIONE	COMPANY	10/27/2011 MX/a/11/01146	96	10/23/2013 314511
		SYNERGISTIC				
		COMBINATION OF				
	United States Of	FLUMETSULAM OR DICLOSULAM WITH	THE DOW CHEMICAL			
70503-US-NP	America	ZINC PYRITHIONE	COMPANY	11/04/2011 13/289286	2012-0115834	08/06/2013 8501725
		SYNERGISTIC				
		COMBINATIO OF				
		FLUMETSULAM OR				
		DISCLOSULAM WITH DIIODOMETHYL-P-	THE DOW CHEMICAL			
70504-BR-NP	Brazil	TOLYLSULFONE	COMPANY	11/03/2011 PI1107018.8	PI1107018-8	01/02/2018 PI1107018.8
		SYNERGISTIC				
		COMBINATIO OF				
		FLUMETSULAM OR				
		DISCLOSULAM WITH DIIODOMETHYL-P-	THE DOW CHEMICAL			
70504-CN-NP	China	TOLYLSULFONE	COMPANY	11/03/2011 201110364517.	.5 102461523	12/04/2013 201110364517.5
		SYNERGISTIC				
		COMBINATION OF				
		FLUMETSULAM OR				
		DISCLOSULAM WITH DIIODOMETHYL-P-	THE DOW CHEMICAL			
70504-DE-EPA	Germany	TOLYLSULFONE	COMPANY	10/06/2011 11184068.2	2481286	10/02/2013 602011003251.8
		SYNERGISTIC				
		COMBINATION OF				
		FLUMETSULAM OR DISCLOSULAM WITH				
		DIIODOMETHYL-P-	THE DOW CHEMICAL			
70504-GB-EPA	United Kingdom	TOLYLSULFONE	COMPANY	10/06/2011 11184068.2	2481286	10/02/2013 2481286
		SYNERGISTIC				
		COMBINATIO OF				
		FLUMETSULAM OR DISCLOSULAM WITH				
		DIIODOMETHYL-P-	THE DOW CHEMICAL			
70504-IN-NP	India	TOLYLSULFONE	COMPANY	10/18/2011 2974/DEL/2011		10/12/2017 288332
		SYNERGISTIC				
		COMBINATIO OF				
		FLUMETSULAM OR DISCLOSULAM WITH				
		DIIODOMETHYL-P-	THE DOW CHEMICAL			
70504-MX-NP	Mexico	TOLYLSULFONE	COMPANY	10/27/2011 MX/a/11/01140	07	10/10/2013 314090
		SYNERGISTIC				
		COMBINATION OF				
		FLUMETSULAM OR DISCLOSULAM WITH				
	United States Of	DIIODOMETHYL-P-	THE DOW CHEMICAL			
70504-US-NP	America	TOLYLSULFONE	COMPANY	11/04/2011 13/289289	2012-0115888	05/13/2014 8722689
		SYNERGISTIC				
		COMBINATION OF				
		FLUMETSULAM OR DICLOSULAM WITH	THE DOW CHEMICAL			
70525-BR-NP	Brazil	ISOTHIAZOLONES	COMPANY	11/03/2011 PI1105310.0	PI1105310.0	01/02/2018 PI1105310.0
		SYNERGISTIC				
		COMBINATION OF				
		FLUMETSULAM OR	THE DOW CHEMICAL			
70525-DE-EPA	Germany	DICLOSULAM WITH ISOTHIAZOLONES	THE DOW CHEMICAL COMPANY	10/06/2011 11184073.2	2471366	12/18/2013 602011004231.9
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		SYNERGISTIC COMBINATION OF FLUMETSULAM OR				
		DICLOSULAM WITH	THE DOW CHEMICAL			
70525-GB-EPA	United Kingdom	ISOTHIAZOLONES SYNERGISTIC COMBINATION OF FLUMETSULAM OR DICLOSULAM WITH	COMPANY THE DOW CHEMICAL	10/06/2011 11184073.2	2471366	12/18/2013 2471366
70525-IN-NP	India	ISOTHIAZOLONES SYNERGISTIC COMBINATION OF FLUMETSULAM OR DICLOSULAM WITH	COMPANY THE DOW CHEMICAL	10/18/2011 2976/DEL/2011		10/24/2017 288639
70525-MX-NP	Mexico	ISOTHIAZOLONES	COMPANY	10/27/2011 MX/a/11/011404		10/09/2013 314087
70525-US-NP	United States Of America	SYNERGISTIC COMBINATION OF FLUMETSULAM OR DICLOSULAM WITH ISOTHIAZOLONES SYNERGISTIC	THE DOW CHEMICAL COMPANY	10/31/2011 13/285092	2012-0115887	07/15/2013 8487098
70599-BR-NP	Brazil	COMPOSITION OF A GLYPHOSATE COMPOUND AND IPBC	THE DOW CHEMICAL COMPANY	12/20/2011 PI1107139-7	PI1107139-7	02/14/2018 PI1107139-7
70599-CN-NP	China	SYNERGISTIC COMPOSITION OF A GLYPHOSATE COMPOUND AND IPBC	THE DOW CHEMICAL COMPANY	12/21/2011 201110452702.X	102578138	04/30/2014 201110452702 X
7.00337CN-44C	Cima	SYNERGISTIC COMPOSITION OF A GLYPHOSATE COMPOUND AND	THE DOW CHEMICAL	12/21/2011 2011104327022	1025/6136	04/30/2014 /01110432/02.A
70599-IN-NP	India Mexico	IPBC SYNERGISTIC COMPOSITION OF A GLYPHOSATE COMPOUND AND IPBC	THE DOW CHEMICAL COMPANY	11/24/2011 3351/DEL/2011 12/15/2011 MX/a/2011/013607	3351/DEL/201:	09/24/2016 275885 03/04/2015 328227
70599-US-NP	United States Of America	SYNERGISTIC COMPOSITION OF A GLYPHOSATE COMPOUND AND IPBC	THE DOW CHEMICAL	12/09/2011 13/315323	2012-0165191	09/03/2013 8524636
70601-BR-NP	Brazil	SYNERGISTIC COMBINATION OF A GLYPHOSATE COMPOUND AND EITHER DCOIT OR OIT	THE DOW CHEMICAL	12/20/2011 PH107137.0	PI1107137.0	05/22/2018 PH107137-0
	brace.	SYNERGISTIC COMBINATION OF A GLYPHOSATE		12/20/2011	F1110/13/.0	(3)22/2015 FILLO/237-0
70601-CN-NP	China	COMPOUND AND EITHER DCOIT OR OIT SYNERGISTIC COMBINATION OF A GLYPHOSATE COMPOUND AND EITHER DCOIT OR OIT	THE DOW CHEMICAL	12/21/2011 201110453439.6 11/24/2011 3353/DEL/2011	102613238 3353/DEL/201	02/10/2016 201110453439.6 03/31/2017 282285
70601-MX-NP	Mexico	SYNERGISTIC COMBINATION OF A GLYPHOSATE COMPOUND AND EITHER DCOIT OR OIT	THE DOW CHEMICAL COMPANY	12/15/2011 MX/a/2011/013621		05/14/2014 320154

	SYNERGISTIC				
United States Of	COMBINATION OF A GLYPHOSATE COMPOUND AND	THE DOW CHEMICAL			
70601-US-NP America	EITHER DCOIT OR OF SYNERGISTIC COMBINATION OF A	T COMPANY	12/09/2011 13/315334	2012-0165192	08/13/2013 8507408
70602-BR-NP Brazil	GLYPHOSATE COMPOUND AND DMITS	THE DOW CHEMICAL COMPANY	12/20/2011 Pl1106970.8	PI1106970.8	01/02/2018 PI1106970.8
	SYNERGISTIC COMBINATION OF A GLYPHOSATE				
70602-CN-NP China	DMITS SYNERGISTIC	THE DOW CHEMICAL COMPANY	12/21/2011 201110452711.9	102578139	06/04/2014 201110452711.9
70602-DE-EPA Germany	COMBINATION OF A GLYPHOSATE COMPOUND AND DMITS	THE DOW CHEMICAL	11/21/2011 11189867.2	2486794	03/16/2016 602011023996.1
70002-DE-EFA Germany	SYNERGISTIC COMBINATION OF A GLYPHOSATE	COM AND	11/21/2011 11103007.2	2400734	03/10/2010 002011023330.1
70602-GB-EPA United Kingdom	COMPOUND AND DMITS SYNERGISTIC	THE DOW CHEMICAL COMPANY	11/21/2011 11189867.2	2486794	03/16/2016 2486794
	COMBINATION OF A GLYPHOSATE COMPOUND AND	THE DOW CHEMICAL			
70602-IN-NP India	DMITS SYNERGISTIC COMBINATION OF A	COMPANY	11/24/2011 3354/DEL/2011	3354/DEL/201	09/23/2016 275838
70602-MX-NP Mexica	GLYPHOSATE COMPOUND AND DMITS SYNERGISTIC	THE DOW CHEMICAL COMPANY	12/01/2011 MX/a/2011/012870		05/14/2014 320160
United States Of	COMBINATION OF A GLYPHOSATE COMPOUND AND	THE DOW CHEMICAL			
70602-US-NP America	DMITS SYNERGISTIC	COMPANY	12/09/2011 13/315353	2012-0165297	08/13/2013 8507409
	COMBINATION OF A GLYPHOSATE COMPOUND AND	THE DOW CHEMICAL			
70503-BR-NP Brazil	TBZ SYNERGISTIC COMBINATION OF A	COMPANY	12/20/2011 PH1107090.0	Pl1107090.0	02/14/2018 PI1107090.0
70603-CN-NP China	GLYPHOSATE COMPOUND AND TBZ	THE DOW CHEMICAL	12/21/2011 201110453430.5	102613237	07/09/2014 201110453430.5
	SYNERGISTIC COMBINATION OF A GLYPHOSATE				
70603-DE-EPA Germany	TBZ SYNERGISTIC	THE DOW CHEMICAL COMPANY	11/22/2011 11190168.2	2468100	03/19/2014 602011005470.8
	COMBINATION OF A GLYPHOSATE				
70603-GB-EPA United Kingdom	COMPOUND AND TBZ	THE DOW CHEMICAL COMPANY	11/22/2011 11190168.2	2468100	03/19/2014 2468100
	SYNERGISTIC COMBINATION OF A GLYPHOSATE COMPOUND AND	THE DOW CHEMICAL			
70603-IN-NP India	TBZ SYNERGISTIC COMBINATION OF A	COMPANY	11/24/2011 3352/DEL/2011		09/11/2017 287274
70603-MX-NP Mexico	GLYPHOSATE COMPOUND AND TBZ	THE DOW CHEMICAL	12/15/2011 MX/a/2011/013619		10/15/2014 324542
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		SYNERGISTIC					
		COMBINATION OF A					
	United States Of	GLYPHOSATE COMPOUND AND	THE DOW CHEMICAL				
70603-US-NP	America	TBZ	COMPANY	12/09/2011 13/3153	<b>:</b> 7	2012-0165193	04/08/2014 8691725
70003-03-IN	Amenca	SYNERGISTIC	COMPAN	12/03/2011 13/3133	***************************************	2012-0103133	04/00/2014 0051/25
		COMBINATION OF A					
		GLYPHOSATE					
		COMPOUND AND	THE DOW CHEMICAL				
70604-BR-NP	Brazil	ZPT	COMPANY	12/20/2011 PI110708	39.7	PI1107089.7	01/02/2018 PI1107089.7
		SYNERGISTIC					
		COMBINATION OF A					
		GLYPHOSATE					
		COMPOUND AND	THE DOW CHEMICAL				
70604-CN-NP	China	ZPT	COMPANY	12/21/2011 2011104	52668.6	102524295	10/15/2014 201110452668.6
		SYNERGISTIC					
		COMBINATION OF A					
		GLYPHOSATE COMPOUND AND	THE DOW CHEMICAL				
70604-DE-EPA	Germany	ZPT	COMPANY	11/23/2011 1119032	<i>1</i> 1	2468095	06/17/2015 602011017158.5
70004-DC-CFA	Germany	SYNERGISTIC	WOMEN CONT.	11/23/2011 1119032	+.1	2408093	00/17/2013 002011017138.3
		COMBINATION OF A					
		GLYPHOSATE					
		COMPOUND AND	THE DOW CHEMICAL				
70604-GB-EPA	United Kingdom	ZPT	COMPANY	11/23/2011 1119032	4.1	2468095	06/17/2015 2468095
		SYNERGISTIC					
		COMBINATION OF A					
		GLYPHOSATE					
		COMPOUND AND	THE DOW CHEMICAL				
70604-IN-NP	India	ZPT	COMPANY	11/24/2011 3355/DE	L/2011	3355/DEL/201	02/09/2017 280107
		SYNERGISTIC					
		COMBINATION OF A GLYPHOSATE					
		COMPOUND AND	THE DOW CHEMICAL				
70604-MX-NP	Mexico	ZPT	COMPANY	12/15/2011 MX/a/20	11/013612		07/16/2014 322055
COOK WAS IN		SYNERGISTIC		++/ +-/ +-++ //// 4/ +-	******		
		COMBINATION OF A					
	United States Of	COMBINATION OF A	THE DOW CHEMICAL				
70604-US-NP	United States Of America	COMBINATION OF A GLYPHOSATE	THE DOW CHEMICAL COMPANY	12/09/2011 13/3153;	36	2012-0165194	04/08/2014 8691726
70604-US-NP		COMBINATION OF A GLYPHOSATE COMPOUND AND ZPT		12/09/2011 13/3153	36	2012-0165194	04/08/2014 8691726
70604-US-NP		COMBINATION OF A GLYPHOSATE COMPOUND AND ZPT PROTECTED		12/09/2011 13/3153	36	2012-0165194	04/08/2014 8691726
70604-US-NP		COMBINATION OF A GLYPHOSATE COMPOUND AND ZPT PROTECTED MICROBIAL		12/09/2011 13/3153	36	2012-0165194	04/08/2014 8691726
70604-US-NP		COMBINATION OF A GLYPHOSATE COMPOUND AND ZPT  PROTECTED MICROBIAL COMPOUNDS FOR	COMPANY	12/09/2011 13/3153	36	2012-0165194	04/08/2014 8691726
	America	COMBINATION OF A GLYPHOSATE COMPOUND AND ZPT  PROTECTED MICROBIAL COMPOUNDS FOR HIGH TEMPERATURE	COMPANY  THE DOW CHEMICAL				04/08/2014 8691726
70604-US-NP 70668-AR-NP		COMBINATION OF A GLYPHOSATE COMPOUND AND ZPT  PROTECTED MICROBIAL COMPOUNDS FOR	COMPANY	12/09/2011 13/31533 12/16/2011 2011-010		2012-0165194 085685	04/08/2014 8691726
	America	COMBINATION OF A GLYPHOSATE COMPOUND AND ZPT  PROTECTED MICROBIAL COMPOUNDS FOR HIGH TEMPERATURE	COMPANY  THE DOW CHEMICAL				04/08/2014 8691726
	America	COMBINATION OF A GLYPHOSATE COMPOUND AND ZPT  PROTECTED MICROBIAL COMPOUNDS FOR HIGH TEMPERATURE APPLICATIONS	COMPANY  THE DOW CHEMICAL				04/08/2014 8691726
	America	COMBINATION OF A GLYPHOSATE COMPOUND AND ZPT  PROTECTED MICROBIAL COMPOUNDS FOR HIGH TEMPERATURE APPLICATIONS  PROTECTED	COMPANY  THE DOW CHEMICAL				04/08/2014 8691726
	America	COMBINATION OF A GLYPHOSATE COMPOUND AND ZPT  PROTECTED MICROBIAL COMPOUNDS FOR HIGH TEMPERATURE APPLICATIONS  PROTECTED MICROBIAL COMPOUNDS FOR	COMPANY  THE DOW CHEMICAL				04/08/2014 8691726
	America	COMBINATION OF A GLYPHOSATE COMPOUND AND ZPT  PROTECTED MICROBIAL COMPOUNDS FOR HIGH TEMPERATURE APPLICATIONS  PROTECTED MICROBIAL COMPOUNDS FOR	COMPANY THE DOW CHEMICAL COMPANY		94730		04/08/2014 8691726 03/03/2016 2011341525
70668-AR-NP	America Argentina	COMBINATION OF A GLYPHOSATE COMPOUND AND ZPT  PROTECTED MICROBIAL COMPOUNDS FOR HIGH TEMPERATURE APPLICATIONS  PROTECTED MICROBIAL COMPOUNDS FOR HIGH TEMPERATURE APPLICATIONS	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL	12/16/2011 2011-010	94730		
70668-AR-NP	America Argentina	COMBINATION OF A GLYPHOSATE COMPOUND AND ZPT  PROTECTED MICROBIAL COMPOUNDS FOR HIGH TEMPERATURE APPLICATIONS  PROTECTED MICROBIAL COMPOUNDS FOR HIGH TEMPERATURE APPLICATIONS  PROTECTED PROTECTED PROTECTED PROTECTED	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL	12/16/2011 2011-010	94730		
70668-AR-NP	America Argentina	COMBINATION OF A GLYPHOSATE COMPOUND AND ZPT  PROTECTED MICROBIAL COMPOUNDS FOR HIGH TEMPERATURE APPLICATIONS  PROTECTED MICROBIAL COMPOUNDS FOR HIGH TEMPERATURE APPLICATIONS  PROTECTED MICROBIAL COMPOUNDS FOR HIGH TEMPERATURE APPLICATIONS  PROTECTED MICROBIAL	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL	12/16/2011 2011-010	94730		
70668-AR-NP	America Argentina	COMBINATION OF A GLYPHOSATE COMPOUND AND ZPT  PROTECTED MICROBIAL COMPOUNDS FOR HIGH TEMPERATURE APPLICATIONS  PROTECTED MICROBIAL COMPOUNDS FOR HIGH TEMPERATURE APPLICATIONS  PROTECTED MICROBIAL COMPOUNDS FOR HIGH TEMPERATURE APPLICATIONS	COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	12/16/2011 2011-010	94730		
70668-AR-NP 70668-AU-PCT	America  Argentina  Australia	COMBINATION OF A GLYPHOSATE COMPOUND AND ZPT  PROTECTED MICROBIAL COMPOUNDS FOR HIGH TEMPERATURE APPLICATIONS  PROTECTED MICROBIAL COMPOUNDS FOR HIGH TEMPERATURE APPLICATIONS  PROTECTED MICROBIAL COMPOUNDS FOR HIGH TEMPERATURE APPLICATIONS  PROTECTED MICROBIAL COMPOUNDS FOR HIGH TEMPERATURE	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	12/16/2011 2011-010 11/29/2011 2011341	)47 <b>30</b> 525		
70668-AR-NP	America Argentina	COMBINATION OF A GLYPHOSATE COMPOUND AND ZPT  PROTECTED MICROBIAL COMPOUNDS FOR HIGH TEMPERATURE APPLICATIONS  PROTECTED MICROBIAL COMPOUNDS FOR HIGH TEMPERATURE APPLICATIONS  PROTECTED MICROBIAL COMPOUNDS FOR HIGH TEMPERATURE APPLICATIONS	COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	12/16/2011 2011-010	)47 <b>30</b> 525		
70668-AR-NP 70668-AU-PCT	America  Argentina  Australia	COMBINATION OF A GLYPHOSATE COMPOUND AND ZPT  PROTECTED MICROBIAL COMPOUNDS FOR HIGH TEMPERATURE APPLICATIONS  PROTECTED MICROBIAL COMPOUNDS FOR HIGH TEMPERATURE APPLICATIONS  PROTECTED MICROBIAL COMPOUNDS FOR HIGH TEMPERATURE APPLICATIONS  PROTECTED MICROBIAL COMPOUNDS FOR HIGH TEMPERATURE	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	12/16/2011 2011-010 11/29/2011 2011341	)47 <b>30</b> 525		
70668-AR-NP 70668-AU-PCT	America  Argentina  Australia	COMBINATION OF A GLYPHOSATE COMPOUND AND ZPT  PROTECTED MICROBIAL COMPOUNDS FOR HIGH TEMPERATURE APPLICATIONS  PROTECTED MICROBIAL COMPOUNDS FOR HIGH TEMPERATURE APPLICATIONS  PROTECTED MICROBIAL COMPOUNDS FOR HIGH TEMPERATURE APPLICATIONS	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	12/16/2011 2011-010 11/29/2011 2011341	)47 <b>30</b> 525		
70668-AR-NP 70668-AU-PCT	America  Argentina  Australia	COMBINATION OF A GLYPHOSATE COMPOUND AND ZPT  PROTECTED MICROBIAL COMPOUNDS FOR HIGH TEMPERATURE APPLICATIONS  PROTECTED	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	12/16/2011 2011-010 11/29/2011 2011341	)47 <b>30</b> 525		
70668-AR-NP 70668-AU-PCT 70668-BR-PCT	America Argentina Australia Brazil	COMBINATION OF A GLYPHOSATE COMPOUND AND ZPT  PROTECTED MICROBIAL COMPOUNDS FOR HIGH TEMPERATURE APPLICATIONS  PROTECTED MICROBIAL COMPOUNDS FOR HIGH TEMPERATURE	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	12/16/2011 2011-010 11/29/2011 2011341 11/29/2011 1120130	)47 <b>30</b> 525		
70668-AR-NP 70668-AU-PCT	America  Argentina  Australia	COMBINATION OF A GLYPHOSATE COMPOUND AND ZPT  PROTECTED MICROBIAL COMPOUNDS FOR HIGH TEMPERATURE APPLICATIONS	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	12/16/2011 2011-010 11/29/2011 2011341	)47 <b>30</b> 525		
70668-AR-NP 70668-AU-PCT 70668-BR-PCT	America Argentina Australia Brazil	COMBINATION OF A GLYPHOSATE COMPOUND AND ZPT  PROTECTED MICROBIAL COMPOUNDS FOR HIGH TEMPERATURE APPLICATIONS	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	12/16/2011 2011-010 11/29/2011 2011341 11/29/2011 1120130	)47 <b>30</b> 525		
70668-AR-NP 70668-AU-PCT 70668-BR-PCT	America Argentina Australia Brazil	COMBINATION OF A GLYPHOSATE COMPOUND AND ZPT  PROTECTED MICROBIAL COMPOUNDS FOR HIGH TEMPERATURE APPLICATIONS	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	12/16/2011 2011-010 11/29/2011 2011341 11/29/2011 1120130	)47 <b>30</b> 525		
70668-AR-NP 70668-AU-PCT 70668-BR-PCT	America Argentina Australia Brazil	COMBINATION OF A GLYPHOSATE COMPOUND AND ZPT  PROTECTED MICROBIAL COMPOUNDS FOR HIGH TEMPERATURE APPLICATIONS  PROTECTED ANTIMICROBIAL	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	12/16/2011 2011-010 11/29/2011 2011341 11/29/2011 1120130	)47 <b>30</b> 525		
70668-AR-NP 70668-AU-PCT 70668-BR-PCT	America Argentina Australia Brazil	COMBINATION OF A GLYPHOSATE COMPOUND AND ZPT  PROTECTED MICROBIAL COMPOUNDS FOR HIGH TEMPERATURE APPLICATIONS  PROTECTED ANTIMICROBIAL COMPOUNDS FOR HIGH TEMPERATURE APPLICATIONS	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	12/16/2011 2011-010 11/29/2011 2011341 11/29/2011 1120130	)47 <b>30</b> 525		
70668-AR-NP 70668-AU-PCT 70668-BR-PCT	America Argentina Australia Brazil	COMBINATION OF A GLYPHOSATE COMPOUND AND ZPT  PROTECTED MICROBIAL COMPOUNDS FOR HIGH TEMPERATURE APPLICATIONS  PROTECTED ANTIMICROBIAL COMPOUNDS FOR HIGH TEMPERATURE APPLICATIONS	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	12/16/2011 2011-010 11/29/2011 2011341 11/29/2011 1120130	94730 525 14872.1		

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70668-RU-PCT Russian Federation APPLICATIONS COMPANY 11/29/2011 2013132828 12/17/2015 2573322
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MICROBIAL COMPOUNDS FOR
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70668-US-PCT America APPLICATIONS COMPANY 11/29/2011 13/993574 2013-0267604 01/05/2016 9226499
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70718-BR-NP Brazil COMPOSITION COMPANY 12/26/2011 PI1107126:5 PI1107126:5
STABILIZED  MICROBICIDAL THE DOW CHEMICAL
70718-CN-NP China COMPOSITION COMPANY 12/26/2011 201110463027.0 102599157 01/22/2014 201110463027.0
STABILIZED MICROBICIDAL THE DOW CHEMICAL
70718-IN-NP India COMPOSITION COMPANY 12/08/2011 3566/DEL/2011 3566/DEL/201 02/02/2018 292490
STABILIZED  ANGORIGINAL THE POWER SUFFICIAL
MICROBICIDAL THE DOW CHEMICAL 70718-JP-NP Japan COMPOSITION COMPANY 11/22/2011 2011-254496 2012-136510 11/07/2014 5643740
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MICROBICIDAL THE DOW CHEMICAL  70718-RU-NP Russian Federation COMPOSITION COMPANY 12/26/2011 2011153015 03/01/2013 2493875
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COMPOSITIONS AND THE DOW CHEMICAL 71052-AR-NP Argentina METHODS OF USE COMPANY 05/12/2012 20120102081 085910
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BIOCIDAL COMPOSITIONS AND THE DOW CHEMICAL
71052-BR-PCT Brazil METHODS OF USE COMPANY 05/08/2012 112013030889.3

71052-CA-PCT Canada ME BIO COI	OCIDAL MPOSITIONS AND THI	IMPANY E DOW CHEMICAL	05/08/2012 2837949 05/08/2012 201280028756.6	103596432	)7/22/2015 201280028756.6
71052-DE-EPT Germany ME  BIO COP	OCIDAL MPOSITIONS AND THI	E DOW CHEMICAL	05/08/2012 12721145.6 05/08/2012 12721145.6		07/08/2015 602012008616.5 07/08/2015 2690958
COF	OCIDAL MPOSITIONS AND THE		05/09/2012 12721145 6	2000059	07/09/2015 2C00059
BIO COI	OCIDAL MPOSITIONS AND THI	E DOW CHEMICAL	05/08/2012 12721145.6 05/08/2012 9492/DELNP/2013	2690958	17/08/2015 2690958
71052-JP-PCT Japan ME BIO COI	OCIDAL MPOSITIONS AND THI	IMPANY	05/08/2012 2014-515823 05/08/2012 12721145.6		01/13/2017 6073872 07/08/2015 2690958
COI 71052-RU-PCT Russian Federation ME			05/08/2012 2014100238	(	09/10/2016 2597021
United States Of COI 71052-US-PCT America ME	THI	MPANY E DOW CHEMICAL	05/08/2012 14/125095		99/15/2015 9131698
71101-BR-PCT Brazil MIC	THI CROCAPSULES CO THI	IMPANY IE DOW CHEMICAL IMPANY IE DOW CHEMICAL	12/20/2012 12813665.2 12/20/2012 112014014286-6	2779831	J6/13/2018 2779831
	THI CROCAPSULES CO	IMPANY IE DOW CHEMICAL IMPANY IE DOW CHEMICAL	12/20/2012 1600-2014 12/20/2012 201280061192.6	104010497 (	05/24/2017 201280061192.6
	TH	IMPANY IE DOW CHEMICAL IMPANY	12/20/2012 12813665.2 12/20/2012 12813665.2		06/13/2018 2779831 06/13/2018 2779831
European 71101-EP-EPT Procedure (Patents) MIG 71101-ES-EPT Spain MIG	CROCAPSULES CO THI CROCAPSULES CO	IE DOW CHEMICAL DIMPANY IE DOW CHEMICAL DIMPANY IE DOW CHEMICAL	12/20/2012 12813665.2 12/20/2012 12813665.2		06/13/2018 2779831 06/13/2018 2779831
	THI CROCAPSULES CO	IE DOW CHEMICAL IMPANY	12/20/2012 12813665.2 12/20/2012 12813665.2		06/13/2018 2779831 06/13/2018 2779831
J	CROCAPSULES CO THI	ie dow Chemical Ompany Ie dow Chemical Ompany	12/20/2012 12813665.2 12/20/2012 12813665.2		06/13/2018 2779831 06/13/2018 50201800002697
·	CROCAPSULES CO THI	IE DOW CHEMICAL IMPANY IE DOW CHEMICAL IMPANY	09/06/2017 2017-171330 12/20/2012 2014-550376	2018-035159 2015-503564	
71101-KR-PCT SOUTH KOREA MK	THI CROCAPSULES ©O THI	IE DOW CHEMICAL DMPANY IE DOW CHEMICAL DMPANY	12/20/2012 10-2014-7018117 12/20/2012 12813665.2	10-2014-0115309	06/13/2018 2779831

			THE DOW CHEMICAL					
71101-NO-EPT Nor	way		COMPANY THE DOW CHEMICAL	12/20/2012	12813665.2	2779831	06/13/2018	2779831
71101-PL-EPT Pola	and I		COMPANY	12/20/2012	12813665.2	2779831	06/13/2018	2779831
71101-PT-EPT Port	tugal I		THE DOW CHEMICAL COMPANY	12/20/2012	12012665.2	2779831	06/13/2018	2770921
/1101-P1-EP1 FOII	lugai		THE DOW CHEMICAL	12/20/2012	12013003.2	2//3031	06/13/2016	2//9631
71101-SE-EPT Swe	eden ted States Of		COMPANY THE DOW CHEMICAL	12/20/2012	12813665.2	2779831	06/13/2018	2779831
			COMPANY	12/20/2012	14/369026	2015-0011674		
	4		THE DOW CHEMICAL					
71102-BR-PCT Braz	ZH		COMPANY THE DOW CHEMICAL	12/27/2012	112014014285-8			
71102-CL-PCT Chil	e l	MICROCAPSULES	COMPANY	12/27/2012	1601-2014			
71102-CN-PCT Chir	na 1		THE DOW CHEMICAL COMPANY	12/27/2013	201280061194.5	104010498	00/14/2016	201280061194.5
71102-CIV-1 CI		monoory socco	COMPANY.	12/2//2012	201200001154.0	104010420	03/14/2010	20120000113413
	opean		THE DOW CHEMICAL	12/27/2012	12012502.0	2775022		
71102-EP-EPT Prod	cedure (Patents)		COMPANY THE DOW CHEMICAL	12/27/2012	12812502.8	2775832		
71102-JP-PCT Japa	an		COMPANY	12/27/2012	2014-550448	2015-508399	06/09/2017	6153944
71102-KR-PCT SOL	JTH KOREA		THE DOW CHEMICAL COMPANY	12/27/2012	10-2014-7018125	10-2014-011737	ŝ	
	ted States Of		THE DOW CHEMICAL	,,				
71102-US-PCT Ame			COMPANY THE DOW CHEMICAL	12/27/2012	14369033	2014-0348937	03/27/2018	9924720
71168-BR-NP Braz			COMPANY	06/18/2012	102012014959.1	102012014959	08/21/2018	102012014959.1
THE THE PARTY OF THE			THE DOW CHEMICAL COMPANY	0514512040	****************	4000000000	07/07/00/5	*******
71168-CN-NP Chir			THE DOW CHEMICAL	06/15/2012	201210199384.5	102823583	0//22/2015	201210199384.5
71168-DE-EPA Ger			COMPANY	05/24/2012	12169194.3	2534948	06/22/2016	602012019685.8
71168-ES-EPA Spai			THE DOW CHEMICAL COMPANY	05/24/2012	121691943	2534948	06/22/2016	2534948
		AQUEOUS	THE DOW CHEMICAL					######################################
71168-FR-EPA Frar			COMPANY THE DOW CHEMICAL	05/24/2012	12169194.3	2534948	06/22/2016	2534948
71168-GB-EPA Unit			COMPANY	05/24/2012	12169194.3	2534948	06/22/2016	2534948
	· · · · · · · · · · · · · · · · · · ·	· ·	THE DOW CHEMICAL	06/46/2042	2012/24500		04/24/2017	0005402
71168-GC-NP Cou	nenenenen er en		COMPANY THE DOW CHEMICAL	06/16/2012	2012/21508		04/24/2017	0005482
71168-IN-NP Indi			COMPANY	06/06/2012	1724/DEL/2012	1724/DEL/201	09/06/2016	275485
71168-IT-EPA Italy			THE DOW CHEMICAL COMPANY	05/24/2012	12169194.3	2534948	06/22/2016	50201600008823
			THE DOW CHEMICAL					
71168-JP-NP Japa			COMPANY THE DOW CHEMICAL	05/24/2012	2012-118645	2013-001708	01/09/2015	5677368
71168-KR-NP SOL			COMPANY	06/18/2012	10-2012-0065028		07/14/2015	10-1537952
71160 NAV NID - NAM			THE DOW CHEMICAL	06/11/2013	NAV (~ /2012 (006929		00/17/2016	3/11271
71168-MX-NP Mex			COMPANY THE DOW CHEMICAL	00/14/2012	MX/a/2012/006828		08/17/2016	3413/1
71168-PL-EPA Pola			COMPANY	05/24/2012	12169194.3	2534948	06/22/2016	2534948
71168-RU-NP Rus	sian Federation		THE DOW CHEMICAL COMPANY	06/15/2012	2012124799		11/20/2014	2532917
			THE DOW CHEMICAL					
71168-TR-EPA Turk Unit	and the contract of the contra		COMPANY THE DOW CHEMICAL	05/24/2012	12169194.3	2534948	06/22/2016	2534948
			COMPANY	08/21/2017	15/681834	2017-0339957		
	ı	BIOCIDAL						
		COMPOSITIONS AND	THE DOW CHEMICAL					
71359-AR-NP Arge	entina l	METHODS OF USE	COMPANY	10/10/2012	P120103767	088286	04/16/2018	AR088286B1
		BIOCIDAL						
		COMPOSITIONS AND						
71359-AU-PCT Aus	tralia	METHODS OF USE	COMPANY	10/09/2012	2012323419		05/19/2016	2012323419
		BIOCIDAL						
71359-BR-PCT Braz		COMPOSITIONS AND METHODS OF USE	THE DOW CHEMICAL COMPANY	10/09/2012	112014007445-3			
, 1333 Sitter Blaz	'			10,00,2012				
		BIOCIDAL COMPOSITIONS AND	THE DOW CHEMICAL					
71359-CA-PCT Can			COMPANY	10/09/2012	2850505			

		BIOCIDAL				
71359-CN-PCT	China	METHODS OF USE	THE DOW CHEMICAL COMPANY	10/09/2012 201280048133.5	103841830	01/18/2017 201280048133.5
71359-DE-EPT	Germany	BIOCIDAL COMPOSITIONS AND METHODS OF USE	THE DOW CHEMICAL COMPANY	10/09/2012 12775415.8	2736339	09/23/2015 602012010988.2
71359-FR-EPT	France	BIOCIDAL COMPOSITIONS AND METHODS OF USE	THE DOW CHEMICAL COMPANY	10/09/2012 12775415.8	2736339	09/23/2015 2736339
71359-G8-EPT	United Kingdom	BIOCIDAL COMPOSITIONS AND METHODS OF USE	THE DOW CHEMICAL COMPANY	10/09/2012 12775415.8	2736339	09/23/2015 2736339
71359-GC-NP	Gulf Cooperation Council	BIOCIDAL COMPOSITIONS AND METHODS OF USE	THE DOW CHEMICAL COMPANY	10/01/2012 2012/22417		05/08/2017 GC0005544
71359-ID-PCT	Indonesia	BIOCIDAL COMPOSITIONS AND METHODS OF USE BIOCIDAL	THE DOW CHEMICAL COMPANY	10/09/2012 P00201401853	2015/02985	
		COMPOSITIONS AND	THE DOW CHEMICAL			
71359-IN-PCT	India	METHODS OF USE	COMPANY	10/09/2012 2507/DELNP/2014	2507/DELNP/2	.014
71359-JP-PCT	Japan	BIOCIDAL COMPOSITIONS AND METHODS OF USE BIOCIDAL	THE DOW CHEMICAL COMPANY	10/09/2012 2014-535782	2014-528476	09/08/2017 6204918
71359-PL-EPT	Poland		THE DOW CHEMICAL COMPANY	10/09/2012 12775415.8	2736339	09/23/2015 2736339
71359-RU-PCT	Russian Federation		THE DOW CHEMICAL COMPANY	10/09/2012 2014117066		01/10/2017 2506278
		BIOCIDAL				
71359-US-PCD	United States Of America	COMPOSITIONS AND METHODS OF USE	THE DOW CHEMICAL COMPANY	09/27/2016 15/276824	2017-0013840	05/08/2018 9961903
71359-US-PCT	United States Of America	BIOCIDAL	THE DOW CHEMICAL COMPANY	10/09/2012 14/351360	2014-0249114	
		BIOCIDAL COMPOSITIONS AND	THE DOW CHEMICAL			
71540-AR-NP	Argentina	METHODS OF USE BIOCIDAL	COMPANY	09/13/2012 P120103366	AR087855A1	10/17/2017 AR087855B1
71540-AU-PCT	Australia	METHODS OF USE	THE DOW CHEMICAL COMPANY	09/07/2012 2012308996		06/02/2016 2012308996
			THE DOW CHEMICAL			
71540-BR-PCT	Brazil	METHODS OF USE	COMPANY	09/07/2012 112014004889.4		
71540-CA-PCT	Canada	BIOCIDAL COMPOSITIONS AND METHODS OF USE	THE DOW CHEMICAL COMPANY	09/07/2012 2844824		
		BIOCIDAL COMPOSITIONS AND	THE DOWN CHEMICAL			
71540-CN-PCT	China	METHODS OF USE	THE DOW CHEMICAL COMPANY	09/07/2012 201280040258.3	103763920	08/17/2016 201280040258.3
71540-DE-EPT	Germany	BIOCIDAL COMPOSITIONS AND METHODS OF USE	THE DOW CHEMICAL COMPANY	09/07/2012 12761694.4	2736328	12/30/2015 602012013419.4

71540-FR-EPT	France	BIOCIDAL COMPOSITIONS AND METHODS OF USE	THE DOW CHEMICAL	09/07/2012	12761694.4	2736328	12/30/2015 2736328
71540-GB-EPT	United Kingdom	BIOCIDAL COMPOSITIONS AND METHODS OF USE	THE DOW CHEMICAL COMPANY	09/07/2012	12761694.4	2736328	12/30/2015 2736328
71540-IN-PCT	India	BIOCIDAL COMPOSITIONS AND METHODS OF USE BIOCIDAL	COMPANY	09/07/2012	1542/DELNP/2014	1542/DELNP/20:	14
71540-JP-PCT	Japan	COMPOSITIONS AND METHODS OF USE	THE DOW CHEMICAL COMPANY	09/07/2012	2014-530704	2014-526507	10/28/2016 6031522
71540-PL-EPT	Poland	BIOCIDAL COMPOSITIONS AND METHODS OF USE	THE DOW CHEMICAL COMPANY	09/07/2012	12761694.4	2736328	12/30/2015 2736328
71540-RU-PCT	Russian Federation	BIOCIDAL COMPOSITIONS AND METHODS OF USE	THE DOW CHEMICAL COMPANY	09/07/2012	2014112228		01/10/2017 2506793
71540-US-PCT	United States Of America United States Of	BIOCIDAL COMPOSITIONS AND METHODS OF USE MICROBICIDAL	COMPANY THE DOW CHEMICAL	09/07/2012		2014-0349975	12/15/2015 9210936
71983-US-PCT 72558-BR-PCT	America Brazil	COMPOSITION  SILVER-CONTAINING CONCENTRATE	THE DOW CHEMICAL COMPANY	12/05/2012 06/26/2013	14/363455 112014031400-4	2014-0323585	12/05/2017 9832995
72558-CN-NP[2]	China	SILVER-CONTAINING CONCENTRATE	THE DOW CHEMICAL COMPANY	06/29/2012	201210224369.1	103509362	08/31/2016 201210224369.1
72558-CN-PCT 72558-EP-EPT	China  European  Procedure (Patents)	CONCENTRATE SILVER-CONTAINING	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	06/26/2013 06/26/2013	201380031523.6	104661527 2866566	08/01/2017 201380031523.6
72558-IN-PCT	India	SILVER-CONTAINING CONCENTRATE	THE DOW CHEMICAL COMPANY	06/26/2013	10300/DELNP/2014	10300/DELNP/20	014
72558-JP-PCD	Japan	SILVER-CONTAINING CONCENTRATE	THE DOW CHEMICAL COMPANY	12/25/2017	2017-247825	2018-076528	
72558-JP-PCT	Japan	SILVER-CONTAINING CONCENTRATE	THE DOW CHEMICAL COMPANY	06/26/2013	2015-518812	2015-522570	
72558-US-PCT	United States Of America	SILVER-CONTAINING CONCENTRATE	THE DOW CHEMICAL COMPANY	06/26/2013	14/410605	2015-0152237	
72606-BR-PCT	Brazil	SILVER-CONTAINING COMPOSITION	THE DOW CHEMICAL COMPANY	06/26/2013	112014031398-9		
72606-CN-NP[2]	China	SILVER-CONTAINING COMPOSITION	THE DOW CHEMICAL COMPANY	06/29/2012	201210224352.6	103509364	08/03/2016 201210224352.6
72606-EP-EPT 72606-IN-PCT	European Procedure (Patents)		THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	06/26/2013 06/26/2013	13810195.1 10307/DELNP/2014	2867307 10307/DELNP/26	014
72606-JP-PCD 72606-JP-PCT	Japan Japan	COMPOSITION	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY		2017-239844	2018-076522 2015-524485	

	6-US-PCT	America								
7207		ANTHA	COMPOSITION MICROBICIDAL	COMPANY THE DOW		06/26/2013	14/410612	2015-0335012		
1 Z O S	1-AU-PCD[2]	Australia	COMPOSITION MICROBICIDAL	COMPANY THE DOW		04/14/2016	2016202348		02/16/2017	2016202348
7283	1-AU-PCD[3]	Australia	COMPOSITION	COMPANY		04/14/2016	2016202347		02/16/2017	2016202347
7283	1-AU-PCD[6]	Australia	MICROBICIDAL COMPOSITION	THE DOW COMPANY		04/14/2016	2016202352		02/09/2017	2016202352
7702	1-AU-PCT	Australia	MICROBICIDAL COMPOSITION	THE DOW		0E/22/2012	2013266432	2013266432	00/01/2016	2013266432
7203	11-AU-1 C1	Australia	MICROBICIDAL	THE DOW		03/22/2013	2013200432	2013200432	03/01/2010	2013200432
7283	1-BR-PCT	Brazil	COMPOSITION MICROBICIDAL	COMPANY THE DOW		05/22/2013	112014028092-4			
7283	1-DE-EPD[3]	Germany	COMPOSITION	COMPANY		05/06/2015	15166513.0	2932850	10/12/2016	602013012847.2
7283	1-DE-EPD[4]	Germany	MICROBICIDAL COMPOSITION	COMPANY	CHEMICAL	05/06/2015	15166511.4	2932849	10/05/2016	602013012603.8
7102	1 DE EDD[E]	Cormany	MICROBICIDAL COMPOSITION	THE DOW		05/06/2015	15166510 6	2932848	10/0E/2016	602013012601.1
/203	11-DE-EPD[5]	Germany	MICROBICIDAL	THE DOW		05/06/2015	13100310.0	2932040	10/03/2016	602013012601.1
7283	1-DE-EPT	Germany	COMPOSITION MICROBICIDAL	COMPANY THE DOW		05/22/2013	13729139.9	2854540	04/27/2016	602013007088.1
7283	1-DE-ETD	Germany	COMPOSITION	COMPANY		05/06/2015	15166515.5	2932852	10/26/2016	602013013357.3
7283	11-DE-ETD[2]	Germany	MICROBICIDAL COMPOSITION	THE DOW COMPANY	CHEMICAL	05/06/2015	15166514.8	2932851	02/21/2018	602013033598.2
0000000		*************								
7283	31-EP-ETD[2]	European Procedure (Patents)		THE DOW COMPANY		05/06/2015	15166514.8	2932851	02/21/2018	2932851
		European	MICROBICIDAL	THE DOW	CHEMICAL					
7283	11-EP-ETD[5]	Procedure (Patents)		COMPANY		05/06/2015	15166510.6	2932848	10/05/2016	2932848
7283	31-ES-ETD[2]	Spain	MICROBICIDAL COMPOSITION	THE DOW COMPANY		05/06/2015	15166514.8	2932851	02/21/2018	2932851
			MICROBICIDAL	THE DOW	CHEMICAL					
7283	11-FR-EPD[3]	France	COMPOSITION MICROBICIDAL	COMPANY THE DOW		05/06/2015	15166513.0	2932850	10/12/2016	2932850
7283	1-FR-EPD[4]	France	COMPOSITION	COMPANY		05/06/2015	15166511.4	2932849	10/05/2016	2932849
7283	11-FR-EPD[5]	France	MICROBICIDAL COMPOSITION MICROBICIDAL	THE DOW COMPANY THE DOW		05/06/2015	15166510.6	2932848	10/05/2016	2932848
7283	11-FR-EPT	France	COMPOSITION	COMPANY		05/22/2013	13729139.9	2854540	04/27/2016	2854540
7283	11-FR-ETD	France	MICROBICIDAL COMPOSITION	THE DOW		05/06/2015	15166515.5	2932852	10/26/2016	2932852
7283	31-FR-ETD[2]	France	MICROBICIDAL COMPOSITION	THE DOW		05/06/2015	15166514 8	2932851	02/21/2018	2022251
/203	01-FK-E1D[2]	rialice	MICROBICIDAL	THE DOW		05/06/2015	15100514.8	2952651	02/21/2018	2932031
7283	11-GB-EPD[3]	United Kingdom	COMPOSITION MICROBICIDAL	COMPANY THE DOW	CHEMICAL	05/06/2015	15166513.0	2932850	10/12/2016	2932850
7283	1-GB-EPD[4]	United Kingdom	COMPOSITION	COMPANY		05/06/2015	15166511.4	2932849	10/05/2016	2932849
7283	1-GB-EPD[5]	United Kingdom	MICROBICIDAL COMPOSITION	THE DOW		05/06/2015	15166510.6	2932848	10/05/2016	2932848
**********			MICROBICIDAL	THE DOW						
1283	31-GB-EPT	United Kingdom	COMPOSITION MICROBICIDAL	THE DOW		05/22/2013	19/23133.3	2854540	04/27/2016	∠6 <b>3</b> 434U
7283	11-GB-ETD	United Kingdom	COMPOSITION MICROBICIDAL	COMPANY THE DOW		05/06/2015	15166515.5	2932852	10/26/2016	2932852
7283	31-GB-ETD[2]	United Kingdom	COMPOSITION	COMPANY		05/06/2015	15166514.8	2932851	02/21/2018	2932851
7283	11-IN-PCT	India	MICROBICIDAL COMPOSITION	THE DOW		05/22/2013	9004/DELNP/2014	9004/DELNP/20:	14	
*******		***************************************	MICROBICIDAL	THE DOW	CHEMICAL					
/283	31-JP-PCT	Japan	COMPOSITION MICROBICIDAL	COMPANY THE DOW	CHEMICAL	05/22/2013	2015-514146	2015-517578	02/24/2017	6U97825
7283	1-KR-PCT	SOUTH KOREA	COMPOSITION	COMPANY		05/22/2013	10-2014-7034579	10-2015-002151	6	
7283	11-MX-PCT	Mexico	MICROBICIDAL COMPOSITION	COMPANY	CHEMICAL	05/22/2013	MX/a/2014/014082			
7792	11-PL-EPD[3]	Poland	MICROBICIDAL COMPOSITION	THE DOW	CHEMICAL	05/06/2015	15166513.0	2932850	10/12/2016	293785∩
	en e		MICROBICIDAL	THE DOW	CHEMICAL					
7283	81-PL-EPD[4]	Poland	COMPOSITION MICROBICIDAL	COMPANY THE DOW	CHEMICAL	05/06/2015	15166511.4	2932849	10/05/2016	2932849
7283	1-PL-EPD[5]	Poland	COMPOSITION	COMPANY		05/06/2015	15166510.6	2932848	10/05/2016	2932848
7283	31-PL-EPT	Poland	MICROBICIDAL COMPOSITION	COMPANY	CHEMICAL	05/22/2013	13729139.9	2854540	04/27/2016	2854540

72831-PL-ETD	Poland	MICROBICIDAL COMPOSITION	THE DOW CHEMICAL COMPANY	05/06/2015 15166515.5	2932852	10/26/2016 2932852
72831-RU-PCT	Russian Federation	MICROBICIDAL COMPOSITION	THE DOW CHEMICAL COMPANY	05/22/2013 2014149551		06/23/2017 2623241
73034 TB EDD(3)	Toulous	MICROBICIDAL	THE DOW CHEMICAL COMPANY		3022050	
72831-TR-EPD[3]	тигкеу	COMPOSITION MICROBICIDAL	THE DOW CHEMICAL	05/06/2015 15166513.0	2932850	10/12/2016 2932850
72831-TR-EPD[4]	Turkey	COMPOSITION MICROBICIDAL	COMPANY THE DOW CHEMICAL	05/06/2015 15166511.4	2932849	10/05/2016 2932849
72831-TR-EPD[5]	Turkey	COMPOSITION	COMPANY	05/06/2015 15166510.6	2932848	10/05/2016 2932848
72831-TR-EPT	Turkey	MICROBICIDAL COMPOSITION	THE DOW CHEMICAL COMPANY	05/22/2013 13729139.9	2854540	04/27/2016 2854540
		MICROBICIDAL	THE DOW CHEMICAL			
72831-TR-ETD	Turkey United States Of	COMPOSITION MICROBICIDAL	COMPANY THE DOW CHEMICAL	05/06/2015 15166515.5	2932852	10/26/2016 2932852
72831-US-PCT	America	COMPOSITION	COMPANY THE DOW CHEMICAL	05/22/2013 14/402984	2015-0164077	12/06/2016 9510597
72932-AR-NP	Argentina	ANTIMICROBIAL COMPOUNDS	COMPANY	06/14/2013 P130102105	AR091452	
72932-AU-PCT	Australia	ANTIMICROBIAL COMPOUNDS	THE DOW CHEMICAL COMPANY	06/12/2013 2013277511		08/31/2017 2013277511
72332 AO T CI		ANTIMICROBIAL	THE DOW CHEMICAL			00/31/2017 2013277311
72932-BR-PCT	Brazil	COMPOUNDS ANTIMICROBIAL	COMPANY THE DOW CHEMICAL	06/12/2013 112014030571-	1	
72932-CA-PCT	Canada	COMPOUNDS	COMPANY	06/12/2013 2876015		
72932-CN-PCT	China	ANTIMICROBIAL COMPOUNDS	THE DOW CHEMICAL COMPANY	06/12/2013 201380032241.8	3 104603135A	10/05/2016 201380032241.8
72022 DE EDT	C	ANTIMICROBIAL	THE DOW CHEMICAL	06/42/2012 127212260	2064502	04/05/2015 5020120052245
72932-DE-EPT	Germany	COMPOUNDS ANTIMICROBIAL	COMPANY THE DOW CHEMICAL	06/12/2013 13731226.0	2861592	04/06/2016 602013006334.6
72932-FR-EPT	France	COMPOUNDS ANTIMICROBIAL	COMPANY THE DOW CHEMICAL	06/12/2013 13731226.0	2861592	04/06/2016 2861592
72932-GB-EPT	United Kingdom	COMPOUNDS	COMPANY	06/12/2013 13731226.0	2861592	04/06/2016 2861592
72932-IN-PCT	India	ANTIMICROBIAL COMPOUNDS	THE DOW CHEMICAL COMPANY	06/12/2013 10069/DELNP/2	014 10069/DELNP/2	014
		ANTIMICROBIAL	THE DOW CHEMICAL			
72932-JP-PCT	Japan	COMPOUNDS ANTIMICROBIAL	COMPANY THE DOW CHEMICAL	06/12/2013 2015-518452	2015-523358	12/01/2017 6250656
72932-PL-EPT	Poland	COMPOUNDS	COMPANY	06/12/2013 13731226.0	2861592	04/06/2016 2861592
72932-RU-PCT	Russian Federation	ANTIMICROBIAL COMPOUNDS	THE DOW CHEMICAL COMPANY	06/12/2013 2014153679		04/06/2018 2656592
73033 LIC DET	United States Of	ANTIMICROBIAL	THE DOW CHEMICAL	06/43/2013 44/565967	2045 0226992	04/04/7047-06477770
72932-US-PCT	America	COMPOUNDS ANTIMICROBIAL	COMPANY THE DOW CHEMICAL	06/12/2013 14/565867	2015-0336983	04/11/2017 9617278
72933-AR-NP	Argentina	COMPOUNDS ANTIMICROBIAL	COMPANY THE DOW CHEMICAL	06/14/2013 P130102106	AR091453	
72933-AU-PCT	Australia	COMPOUNDS	COMPANY	06/12/2013 2013277509		03/01/2018 2013277509
72933-BR-PCT	Brazil	ANTIMICROBIAL COMPOUNDS	THE DOW CHEMICAL COMPANY	06/12/2013 112014030576-	5	
		ANTIMICROBIAL	THE DOW CHEMICAL			
72933-CA-PCT	Canada	COMPOUNDS ANTIMICROBIAL	COMPANY THE DOW CHEMICAL	06/12/2013 2876014		
72933-CN-PCT	China	COMPOUNDS	COMPANY	06/12/2013 201380032210.2	2 104619688	07/18/2017 201380032210.2
72933-DE-EPT	Germany	ANTIMICROBIAL COMPOUNDS	THE DOW CHEMICAL COMPANY	06/12/2013 13731225.2	2861567	08/31/2016 602013010906.0
73022 ED EDT	France	ANTIMICROBIAL COMPOUNDS	THE DOW CHEMICAL COMPANY	06/12/2012 12721225 2	2061567	09/21/2016 2961567
72933-FR-EPT	riance	ANTIMICROBIAL	THE DOW CHEMICAL	06/12/2013 13731225.2	2861567	08/31/2016 2861567
72933-GB-EPT	United Kingdom	COMPOUNDS ANTIMICROBIAL	COMPANY THE DOW CHEMICAL	06/12/2013 13731225.2	2861567	08/31/2016 2861567
72933-IN-PCT	India	COMPOUNDS	COMPANY	06/12/2013 10017/DELNP/2	014 10017/DELNP/2	014
72933-JP-PCT	Japan	ANTIMICROBIAL COMPOUNDS	THE DOW CHEMICAL COMPANY	06/12/2013 2015-518451	2015-521619	12/01/2017 6250655
		ANTIMICROBIAL	THE DOW CHEMICAL			
72933-RU-PCT	Russian Federation United States Of	COMPOUNDS ANTIMICROBIAL	COMPANY THE DOW CHEMICAL	06/12/2013 2014153680		01/31/2018 2643143
72933-US-PCT	America	COMPOUNDS	COMPANY	06/12/2013 14/565890	2016-0176828	01/24/2017 9550740
73698-BR-PCT	Brazil	MICROBICIDAL COMPOSITION	THE DOW CHEMICAL COMPANY	09/16/2013 112015004825-0	)	
73698-CN-PCT	China	MICROBICIDAL COMPOSITION	THE DOW CHEMICAL COMPANY	09/16/2013 201380045898.8	3 104602519	08/14/2018 201380045898.8
, 3096-0N-FU		MICROBICIDAL	THE DOW CHEMICAL			
73698-IN-PCT	India	COMPOSITION MICROBICIDAL	COMPANY THE DOW CHEMICAL	09/16/2013 1281/DELNP/20	15 1281/DELNP/20	15
73698-JP-PCT	Japan	COMPOSITION	COMPANY	09/16/2013 2015-532116	2015-534552	07/07/2017 6171018

73698-RU-PCT Russian Federation COMP United States Of MICRC	DBICIDAL THE DOW CHEMICAL OSITION COMPANY DBICIDAL THE DOW CHEMICAL OSITION COMPANY	09/16/2013 2015112009 09/16/2013 14/427004 2015-0	03/23/2018 2648356 0230457 05/24/2016 9345242
LENAC AND O OR OIT 73989-AU-PCT Australia FILM P SYNER COMB LENAC AND O OR OIT	INATION OF A IL COMPOUND INE OF DCOIT FOR DRY THE DOW CHEMICAL PROTECTION COMPANY	11/29/2013 2013352023 11/29/2013 112015012187-0	11/16/2017 2013352023
LENAC AND O OR OIT 73989-CN-PCT China FILM P SYNER COMB LENAC AND O OR OIT	INATION OF A IL COMPOUND INE OF DCOIT FOR DRY THE DOW CHEMICAL PROTECTION COMPANY	11/29/2013 201380060172.1 10533 11/29/2013 13808379.5 29251	
LENAC AND O OR OIT 73989-FR-EPT France FILM P SYNER COMB LENAC AND O OR OIT	INATION OF A IL COMPOUND INE OF DCOIT FOR DRY THE DOW CHEMICAL PROTECTION COMPANY	11/29/2013 13808379.5 29251 11/29/2013 13808379.5 29251	
LENAC AND O OR OIT 73989-IN-PCT India FILM P SYNER COMB LENAC AND O OR OIT	INATION OF A IL COMPOUND INE OF DCOIT FOR DRY THE DOW CHEMICAL PROTECTION COMPANY	11/29/2013 5251/DELNP/2015 11/29/2013 13808379.5 29251	31 10/26/2016 50201700000662
LENAC AND O OR OIT 73989-JP-PCT Japan FILM P SYNER COMB LENAC AND O OR OIT	INATION OF A IL COMPOUND INE OF DCOIT FOR DRY THE DOW CHEMICAL PROTECTION COMPANY	11/29/2013 2015-545474 2016- 2016-1 2016-1 2015-7015361	506384 01/05/2018 6266645

73989-MX-PCT Mexico 73989-NO-EPT Norway	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	THE DOW CHEMICAL COMPANY	11/29/2013 11/29/2013	MX/a/15/006404 13808379.5	2925131	08/15/2018 358355 10/26/2016 2925131
73989-PL-EPT Poland 73989-TR-EPT Turkey	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	THE DOW CHEMICAL COMPANY	11/29/2013		2925131	10/26/2016 2925131 10/26/2016 2925131
United States Of 73989-US-PCT America	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND ONE OF DCOIT OR OIT FOR DRY FILM PROTECTION		11/29/2013		2923131	
73990-AU-PCT Australia	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC	THE DOW CHEMICAL COMPANY	11/29/2013	2013352024		11/02/2017 2013352024
73990-BR-PCT Brazil	COMBINATION OF A LENACIL COMPOUND AND IPBC FOR DRY FILM PROTECTION	THE DOW CHEMICAL COMPANY	11/29/2013	112015012196-9		
73990-CN-PCT China	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND IPBC FOR DRY FILM PROTECTION	THE DOW CHEMICAL COMPANY	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	THE DOW CHEMICAL COMPANY	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	THE DOW CHEMICAL COMPANY	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	THE DOW CHEMICAL COMPANY	11/29/2013	13808380.3	2925132	11/02/2016 2925132

73990-IN-PCT India	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND IPBC FOR DRY THE DOW CHEMICAL FILM PROTECTION COMPANY	11/29/2013 5221/DELNP/2015		
73990-IT-EPT Italy	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND IPBC FOR DRY FILM PROTECTION COMPANY	11/29/2013 13808380.3	2925132	11/02/2016 50201700000842
73990-IP-PCT Japan	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND IPBC FOR DRY THE DOW CHEMICAL FILM PROTECTION COMPANY	11/29/2013 2015-545475	2016-507481	08/03/2018 6379105
73990-KR-PCT SOUTH KOREA	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND IPBC FOR DRY FILM PROTECTION  SYNERGISTIC COMBINATION OF A LENACIL COMPOUND	11/29/2013 10-2015-7015368		
73990-MX-PCT Mexico	AND IPBC FOR DRY THE DOW CHEMICAL FILM PROTECTION COMPANY	11/29/2013 MX/a/15/006402		
73990-NO-EPT Norway 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 THE DOW CHEMICAL FILM PROTECTION  COMPANY	11/29/2013 13808380.3 11/29/2013 13808380.3	2925132 2925132	11/02/2016 2925132 11/02/2016 2925132
73990-TR-EPT Turkey  United States Of 73990-US-PCT America	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND IPBC FOR DRY FILM PROTECTION  SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND IPBC FOR DRY THE DOW CHEMICAL FILM PROTECTION  COMPANY	11/29/2013 13808380.3 11/29/2013 14/546793	2925132 2015-0313236	11/02/2016 2925132
73991-AU-PCD Australia	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND ZINC PYRITHIONE FOR DRY THE DOW CHEMICAL FILM PROTECTION COMPANY	02/28/2017 2017201379		02/01/2018 2017201379
73991-BR-PCT Brazil	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND ZINC PYRITHIONE FOR DRY THE DOW CHEMICAL FILM PROTECTION COMPANY	11/29/2013 112015012201-9		

73991-CN-PCT 73991-DE-EPT	China Germany	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND ZINC PYRITHIONE FOR DRY	COMPANY THE DOW CHEMICAL COMPANY	11/29/2013 201380060164.7 11/29/2013 13808381.1	105307496 2925130	06/06/2017 201380060164.7 10/26/2016 602013013329.8
73991-FR-EPT	France		COMPANY	11/29/2013 13808381.1	2925130	10/26/2016 2925130
73991-GB-EPT 73991-IN-PCT 73991-IT-EPT	United Kingdom India	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND ZINC PYRITHIONE FOR DRY	COMPANY THE DOW CHEMICAL COMPANY	11/29/2013 13808381.1  11/29/2013 5220/DELNP/2015  11/29/2013 13808381.1	2925130 2925130	10/26/2016 2925130 10/26/2016 50201700000659
		PYRITHIONE FOR DRY				
73991-JP-PCT 73991-KR-PCT	Japan SOUTH-KOREA	FILM PROTECTION  SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND ZINC PYRITHIONE FOR DRY FILM PROTECTION  SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND ZINC PYRITHIONE FOR DRY	THE DOW CHEMICAL COMPANY	11/29/2013 2015-545476  11/29/2013 10-2015-7015372	2016-502541	07/06/2018 6364019
73991-MX-PCT	Mexico	FILM PROTECTION	COMPANY	11/29/2013 MX/a/15/006403	000000000000000000000000000000000000000	08/15/2018 358360
73991-NÖ-EPT	Norway	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND ZINC PYRITHIONE FOR DRY FILM PROTECTION	THE DOW CHEMICAL COMPANY	11/29/2013 13808381.1	2925130	10/26/2016 2925130

73991-PL-EPT Poland 73991-TR-EPT Turkey	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  SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND ZINC	COMPANY  THE DOW CHEMICAL COMPANY	11/29/2013 13808381.1 11/29/2013 13808381.1	2925130 2925130	10/26/2016 2925130 10/26/2016 2925130
United States Of 73991-US-PCT America	PYRITHIONE FOR DRY FILM PROTECTION	THE DOW CHEMICAL COMPANY	11/29/2013 14/646795	2015-0296791	03/22/2016 9288991
73992-AU-PCT Australia	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND TERBUTRYN FOR DRY FILM PROTECTION	THE DOW CHEMICAL COMPANY	11/29/2013 2013352026		11/16/2017 2013352026
73992-BR-PCT Brazil 73992-CN-PCT China	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND TERBUTRYN FOR DRY FILM PROTECTION  SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND TERBUTRYN FOR DRY FILM PROTECTION	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	11/29/2013 112015012199-3 11/29/2013 201380059524.1	105324032	08/08/2017 201380059524.1
73992-DE-EPT Germany 73992-FR-EPT France	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND TERBUTRYN FOR DRY FILM PROTECTION  SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND TERBUTRYN FOR DRY FILM PROTECTION  SYNERGISTIC	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	11/29/2013 13808382.9 11/29/2013 13808382.9	2925133 2925133	11/02/2016 602013013652.1 11/02/2016 2925133
73992-GB-EPT United Kingdom 73992-IN-PCT India	COMBINATION OF A LENACIL COMPOUND AND TERBUTRYN FOR DRY FILM PROTECTION  SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND TERBUTRYN FOR DRY FILM PROTECTION	THE DOW CHEMICAL COMPANY	11/29/2013 13808382.9 11/29/2013 5252/DELNP/2015	2925133	11/02/2016 2925133

73992-JP-PCT Japan 73992-KR-PCT SOUTH KOREA 73992-MX-PCT Mexico	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND TERBUTRYN FOR DRY FILM PROTECTION  SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND TERBUTRYN FOR DRY FILM PROTECTION  SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND TERBUTRYN FOR DRY FILM PROTECTION  AND TERBUTRYN FOR DRY FILM PROTECTION	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	11/29/2013 2015-545477 11/29/2013 10-2015-7015380 11/29/2013 MX/a/2015/006410	2016-502542	07/06/2018 6364020
United States Of 73992-US-PCT America	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND TERBUTRYN FOR DRY HLM PROTECTION SYNERGISTIC COMBINATION OF A ZOXAMIDE COMPOUND AND ONE OF DCOIT OR OIT FOR DRY FILM	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL	11/29/2013 14/646804	2015-0320045	12/27/2016 9526248
74075-AU-PCD Australia	PROTECTION	COMPANY	02/28/2017 2017201380		02/01/2018 2017201380
74075-BR-PCT Brazil	SYNERGISTIC COMBINATION OF A ZOXAMIDE COMPOUND AND ONE OF DCOIT OR OIT FOR DRY FILM PROTECTION SYNERGISTIC	THE DOW CHEMICAL COMPANY	11/29/2013 112015012202-7		
	COMBINATION OF A				
	ZOXAMIDE				
	COMPOUND AND				
	ONE OF DCOIT OR OIT FOR DRY FILM	THE DOW CHEMICAL			
74075-CN-PCT China	PROTECTION	COMPANY	11/29/2013 201380059500.6	105338813	08/25/2017 201380059500.6
	SYNERGISTIC COMBINATION OF A ZOXAMIDE COMPOUND AND ONE OF DCOIT OR OIT FOR DRY FILM	THE DOW CHEMICAL			
74075-DE-EPT Germany	PROTECTION	COMPANY	11/29/2013 13808383.7	2914110	08/17/2016 602013010479.4
	SYNERGISTIC COMBINATION OF A				
	ZOXAMIDE				
	COMPOUND AND				
	ONE OF DCOIT OR	THE BOOK OF THE LOCAL			
74075-GB-EPT United Kingdom	OIT FOR DRY FILM PROTECTION	THE DOW CHEMICAL COMPANY	11/29/2013 13808383.7	2914110	08/17/2016 2914110
7-073-00-EFT Officer Kingdoff	SYNERGISTIC	COMIL FUAT	11/23/2013 13000303./	231411U	00/11/2010 2314110
74075-IN-PCT India	COMBINATION OF A ZOXAMIDE COMPOUND AND ONE OF DCOIT OR OIT FOR DRY FILM PROTECTION	THE DOW CHEMICAL COMPANY	11/29/2013 5255/DELNP/2015		

	SYNERGISTIC				
	COMBINATION OF A				
	ZOXAMIDE COMPOUND AND				
	ONE OF DCOIT OR				
	OIT FOR DRY FILM	THE DOW CHEMICAL			
74075-MX-PCT Mexico	PROTECTION	COMPANY	11/29/2013 MX/a/15/006409		
	SYNERGISTIC COMBINATION OF A				
	ZOXAMIDE				
	COMPOUND AND				
United States Of	ONE OF DCOIT OR OIT FOR DRY FILM	THE DOW CHEMICAL			
74075-US-PCT America	PROTECTION	COMPANY	11/29/2013 14/646814	2015-0296786	
	SYNERGISTIC				
	COMBINATION OF A ZOXAMIDE				
	COMPOUND AND				
	ZINC PYRITHIONE				
74077-AU-PCT Australia	FOR DRY FILM PROTECTION	THE DOW CHEMICAL COMPANY	11/20/2012 2012252029		11/10/2017 2012252020
74077-AO-PCT Australia	SYNERGISTIC	COMPANI	11/29/2013 2013352028		11/16/2017 2013352028
	COMBINATION OF A				
	ZOXAMIDE				
	COMPOUND AND ZINC PYRITHIONE				
	FOR DRY FILM	THE DOW CHEMICAL			
74077-BR-PCT Brazil	PROTECTION	COMPANY	11/29/2013 112015012205-1		
	SYNERGISTIC COMBINATION OF A				
	ZOXAMIDE				
	COMPOUND AND				
	ZINC PYRITHIONE FOR DRY FILM	THE DOW CHEMICAL			
74077-CN-PCT China	PROTECTION	COMPANY	11/29/2013 201380059825.4	104981159	06/23/2017 201380059825.4
	SYNERGISTIC				
	COMBINATION OF A ZOXAMIDE				
	COMPOUND AND				
	ZINC PYRITHIONE				
74077-DE-EPT Germany	FOR DRY FILM PROTECTION	THE DOW CHEMICAL COMPANY	11/29/2013 13808384.5	2908637	08/17/2016 602013010480.8
74077-DE-EPT Germany	SYNERGISTIC	COMPANT	11/23/2013 13606364.3	2306037	09)11/12019 002013010490.9
	COMBINATION OF A				
	ZOXAMIDE COMPOUND AND				
	ZINC PYRITHIONE				
	FOR DRY FILM	THE DOW CHEMICAL			
74077-GB-EPT United Kingdom	PROTECTION	COMPANY	11/29/2013 13808384.5	2908637	08/17/2016 2908637
	SYNERGISTIC COMBINATION OF A				
	ZOXAMIDE				
	COMPOUND AND				
	ZINC PYRITHIONE FOR DRY FILM	THE DOW CHEMICAL			
74077-IN-PCT India	PROTECTION	COMPANY	11/29/2013 5254/DELNP/2015		
	SYNERGISTIC COMBINATION OF A				
	ZOXAMIDE				
	COMPOUND AND				
	ZINC PYRITHIONE	THE DOOL CHENNEY			
74077-MX-PCT Mexico	FOR DRY FILM PROTECTION	THE DOW CHEMICAL COMPANY	11/29/2013 MX/a/15/006401		08/15/2018 358369
	SYNERGISTIC		, , , . ,		, , =
	COMBINATION OF A				
	ZOXAMIDE COMPOUND AND				
	ZINC PYRITHIONE				
United States Of	FOR DRY FILM	THE DOW CHEMICAL	11/20/2012 1/4/5/5020	2015 2222	10/00/0015 020455
74077-US-PCT America	PROTECTION	COMPANY	11/29/2013 14/646820	2015-0296792	12/08/2015 9204654

74078-AU-PCT Australia FILM PROTEC  SYNERGISTIC COMBINATIC ZOXAMIDE COMPOUND TERBUTRYN 74078-BR-PCT Brazil SYNERGISTIC COMBINATIC ZOXAMIDE COMPOUND COMPOUND	AND FOR DRY THE DOW CHEMICAL TION COMPANY 11/29/2013 2013352030  IN OF A  AND FOR DRY THE DOW CHEMICAL TION COMPANY 11/29/2013 112015012193-4  IN OF A  AND FOR DRY THE DOW CHEMICAL THOM THE DOW CHEMICAL THOM THE DOW CHEMICAL THOM THE DOW CHEMICAL	11/16/2017 2013352030  11/16/2017 2013352030  105407722 02/23/2018 201380059889.4
SYNERGISTIC COMBINATIC ZOXAMIDE COMPOUND	N OF A  AND OR DRY THE DOW CHEMICAL TION COMPANY 11/29/2013 13808385.2	2925127 10/19/2016 602013013079.5
74078-GB-EPT United Kingdom FILM PROTEC SYNERGISTIC COMBINATIC ZOXAMIDE COMPOUND	FOR DRY THE DOW CHEMICAL THON COMPANY 11/29/2013 13808385.2 IN OF A AND FOR DRY THE DOW CHEMICAL	2925127 10/19/2016 2925127
74078-MX-PCT Mexico FILM PROTECT SYNERGISTIC COMBINATIC ZOXAMIDE COMPOUND TERBUTRYN I	AND FOR DRY THE DOW CHEMICAL TION THE DOW CHEMICAL THOM THE DOW CHEMICAL THOM THE DOW CHEMICAL THOM THE DOW CHEMICAL THE DOW CHEMICAL	2925127 10/19/2016 2925127
SYNERGISTIC COMBINATIC ZOXAMIDE COMPOUND United States Of TERBUTRYN I 74078-US-PCT America FILM PROTEC METHOD FOI PREPARATIO ALKYL-1,2- Brazil: ONES METHOD FOI PREPARATIO ALKYL-1,2-	N OF A  AND  FOR DRY THE DOW CHEMICAL.  TION COMPANY  11/29/2013 14/646821  N OF 2-  ZOLIN-3 THE DOW CHEMICAL  COMPANY  11/19/2013 112015012061-0	2925127 10/19/2016 2925127 2015-0296783
74137-CL-PCT Chile ONES	COMPANY 11/19/2013 1302-2015	04/18/2018 56325

	METHOD FOR				
	PREPARATION OF 2-				
	ALKYL-1,2-	THE DOW CHEMICAL			
74137-CN-PCT China	ONES	COMPANY	11/19/2013 201380058865.7	105008338	05/24/2017 201380058865.7
74137-CN-FC1 CILITA	METHOD FOR	COMPANI	11/13/2013 201360036803.7	103000330	03/24/2017 201360036603.7
	PREPARATION OF 2-				
	ALKYL-1,2-				
	•	THE DOW CHEMICAL			
74137-DE-EPT Germany	ONES	COMPANY	11/19/2013 13798881.2	2925734	10/05/2016 602013012544.9
	METHOD FOR				
	PREPARATION OF 2-				
	ALKYL-1,2-				
	BENZISOTHIAZOLIN-3	THE DOW CHEMICAL			
74137-IN-PCT India	ONES	COMPANY	11/19/2013 5144/DELNP/2015		
	METHOD FOR				
	PREPARATION OF 2-				
	ALKYL-1,2-	THE DOW CHEMICAL			
74137-JP-PCT Japan	ONES	COMPANY	11/19/2013 2015-544099	2016-503429	02/16/2018 6290236
7413737-7-C1 Japan	METHOD FOR	COMPAN	11/15/2013 2013-344055	2010-303423	02/10/2018 0230230
	PREPARATION OF 2-				
	ALKYL-1,2-				
	BENZISOTHIAZOLIN-3	THE DOW CHEMICAL			
74137-KR-PCT SOUTH KOREA	ONES	COMPANY	11/19/2013 10-2015-7011595		
	METHOD FOR				
	PREPARATION OF 2-				
	ALKYL-1,2-				
		THE DOW CHEMICAL	11/10/2010 10/1/2015/00/10		
74137-MX-PCT Mexico	ONES	COMPANY	11/19/2013 MX/a/2015/006408		
	METHOD FOR PREPARATION OF 2-				
	ALKYL-1,2-				
United States O		THE DOW CHEMICAL			
74137-US-PCT America	ONES	COMPANY	11/19/2013 14/441875	2015-0291541	09/22/2015 9139540
	SYNERGISTIC				
	COMBINATION OF A				
	FLUROCHLORIDONE				
	FLUROCHLORIDONE COMPOUND AND				
	FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM	THE DOW CHEMICAL			
74592-AU-PCT Australia	FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION	THE DOW CHEMICAL COMPANY	03/28/2014 2014240891		12/21/2017 2014240891
74592-AU-PCT Australia	FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC		03/28/2014 2014240891		12/21/2017 2014240891
74592-AU-PCT Australia	FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A		03/28/2014 2014240891		12/21/2017 2014240891
74592-AU-PCT Australia	FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE		03/28/2014 2014240891		12/21/2017 2014240891
74592-AU-PCT Australia	FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A		03/28/2014 2014240891		12/21/2017 2014240891
74592-AU-PCT Australia 74592-BR-PCT Brazil	FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND	COMPANY	03/28/2014 2014240891 03/28/2014 112015024677-0		12/21/2017 2014240891
	FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM	COMPANY THE DOW CHEMICAL			12/21/2017 2014240891
	FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION	COMPANY THE DOW CHEMICAL			12/21/2017 2014240891
	FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE	COMPANY THE DOW CHEMICAL			12/21/2017 2014240891
	FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND	COMPANY  THE DOW CHEMICAL COMPANY			12/21/2017 2014240891
74592-BR-PCT Brazil	FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL	03/28/2014 112015024677-0		
	FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION	COMPANY  THE DOW CHEMICAL COMPANY		105307495	12/21/2017 2014240891 07/18/2017 201480016420.7
74592-BR-PCT Brazil	FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL	03/28/2014 112015024677-0	105307495	
74592-BR-PCT Brazil	FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL	03/28/2014 112015024677-0	105307495	
74592-BR-PCT Brazil	FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL	03/28/2014 112015024677-0	105307495	
74592-BR-PCT Brazil	FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL	03/28/2014 112015024677-0	105307495	
74592-BR-PCT Brazil	FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND	COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	03/28/2014 112015024677-0	105307495	
74592-BR-PCT Brazil 74592-CN-PCT China	FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	03/28/2014 112015024677-0 03/28/2014 201480016420.7		07/18/2017 201480016420.7
74592-BR-PCT Brazil 74592-CN-PCT China	FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	03/28/2014 112015024677-0 03/28/2014 201480016420.7		07/18/2017 201480016420.7
74592-BR-PCT Brazil 74592-CN-PCT China	FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	03/28/2014 112015024677-0 03/28/2014 201480016420.7		07/18/2017 201480016420.7
74592-BR-PCT Brazil 74592-CN-PCT China	FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	03/28/2014 112015024677-0 03/28/2014 201480016420.7		07/18/2017 201480016420.7
74592-BR-PCT Brazil  74592-CN-PCT China  74592-DE-EPT Germany	FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	03/28/2014 112015024677-0 03/28/2014 201480016420.7 03/28/2014 14718894.0	2953459	07/18/2017 201480016420.7 02/01/2017 602014006603.8
74592-BR-PCT Brazil 74592-CN-PCT China	FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	03/28/2014 112015024677-0 03/28/2014 201480016420.7		07/18/2017 201480016420.7
74592-BR-PCT Brazil  74592-CN-PCT China  74592-DE-EPT Germany	FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	03/28/2014 112015024677-0 03/28/2014 201480016420.7 03/28/2014 14718894.0	2953459	07/18/2017 201480016420.7 02/01/2017 602014006603.8
74592-BR-PCT Brazil  74592-CN-PCT China  74592-DE-EPT Germany	FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	03/28/2014 112015024677-0 03/28/2014 201480016420.7 03/28/2014 14718894.0	2953459	07/18/2017 201480016420.7 02/01/2017 602014006603.8
74592-BR-PCT Brazil  74592-CN-PCT China  74592-DE-EPT Germany	FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	03/28/2014 112015024677-0 03/28/2014 201480016420.7 03/28/2014 14718894.0	2953459	07/18/2017 201480016420.7 02/01/2017 602014006603.8
74592-BR-PCT Brazil  74592-CN-PCT China  74592-DE-EPT Germany	FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	03/28/2014 112015024677-0 03/28/2014 201480016420.7 03/28/2014 14718894.0	2953459	07/18/2017 201480016420.7 02/01/2017 602014006603.8
74592-BR-PCT Brazil  74592-CN-PCT China  74592-DE-EPT Germany	FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND IPBC FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	03/28/2014 112015024677-0 03/28/2014 201480016420.7 03/28/2014 14718894.0	2953459	07/18/2017 201480016420.7 02/01/2017 602014006603.8

SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE	
	THE DOW CHEMICAL COMPANY 03/28/2014 MX/a/15/013595 08/15/2018 358366
COMBINATION OF A FLUROCHLORIDONE COMPOUND AND	
United States Of IPBC FOR DRY FILM T	THE DOW CHEMICAL COMPANY 03/28/2014 14/779348 2016-0058011 04/12/2016 9307768
SYNERGISTIC COMBINATION OF A	
FLUROCHLORIDONE COMPOUND AND OIT FOR DRY FILM	FHE DOW CHEMICAL
	COMPANY 03/28/2014 2014240890 12/21/2017 2014240890
COMBINATION OF A FLUROCHLORIDONE	
74593-BR-PCT Brazil PROTECTION C	THE DOW CHEMICAL COMPANY 03/28/2014 112015024676-1
SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE	
COMPOUND AND	THE DOW CHEMICAL
74593-CN-PCT China PROTECTION C SYNERGISTIC COMBINATION OF A	COMPANY 03/28/2014 201480016423.0 105072905 10/31/2017 201480016423.0
FLUROCHLORIDONE COMPOUND AND	
74593-DE-EPT Germany PROTECTION C	THE DOW CHEMICAL COMPANY 03/28/2014 14718893.2 2953458 02/01/2017 602014006601.1
SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE	
COMPOUND AND	THE DOW CHEMICAL
SYNERGISTIC	COMPANY 03/28/2014 14718893.2 2953458 02/01/2017 2953458
COMBINATION OF A FLUROCHLORIDONE COMPOUND AND	
74593-IN-PCT India PROTECTION C	THE DOW CHEMICAL COMPANY 03/28/2014 9316/DELNP/2015
SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE	
COMPOUND AND	THE DOW CHEMICAL
74593-MX-PCT Mexico PROTECTION C SYNERGISTIC COMBINATION OF A	O3/28/2014 MX/a/15/013593
FLUROCHLORIDONE COMPOUND AND	
74593-US-PCT America PROTECTION C	THE DOW CHEMICAL  COMPANY 03/28/2014 14/779349 2016-0044923 06/27/2017 9686989
SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE	
COMPOUND AND ZINC PYRITHIONE	
	THE DOW CHEMICAL COMPANY 03/28/2014 2014240887 11/23/2017 2014240887
COMBINATION OF A FLUROCHLORIDONE	
COMPOUND AND ZINC PYRITHIONE FOR DRY FILM T	THE DOW CHEMICAL
	COMPANY 03/28/2014 112015024679-6

333	THE DOW CHEMICAL COMPANY 03/28/2014 201480016413.7 105050403 08/18/2017 201480016413.7	7
74594-DE-EPT Germany PROTECTION C SYNERGISTIC	THE DOW CHEMICAL COMPANY 03/28/2014 14728714.8 2953460 02/22/2017 602014006948.7	7
74594-GB-EPT United Kingdom PROTECTION C	THE DOW CHEMICAL COMPANY 03/28/2014 14728714.8 2953460 02/22/2017 2953460	
SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND ZINC PYRITHIONE FOR DRY FILM T	THE DOW CHEMICAL	
74594-IN-PCT India PROTECTION C SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND ZINC PYRITHIONE	COMPANY 03/28/2014 9317/DELNP/2015	
74594-MX-PCT Mexico PROTECTION C SYNERGISTIC COMBINATION OF A FLUROCHLORIDONE COMPOUND AND ZINC PYRITHIONE United States Of FOR DRY FILM T	THE DOW CHEMICAL COMPANY 03/28/2014 MX/a/15/013594 08/15/2018 358356  THE DOW CHEMICAL COMPANY 03/28/2014 14/779350 2016-0050922 05/03/2016 9326512	
SYNERGISTIC COMBINATION OF A CHLOROTOLURON COMPOUND AND IPBC FOR DRY FILM T	THE DOW CHEMICAL	
SYNERGISTIC COMBINATION OF A CHLOROTOLURON COMPOUND AND IPBC FOR DRY FILM T	COMPANY 02/08/2018 2018200952  THE DOW CHEMICAL COMPANY 03/28/2014 112015024675-3	
COMBINATION OF A CHLOROTOLURON COMPOUND AND IPBC FOR DRY FILM 3	THE DOW CHEMICAL COMPANY 03/28/2014 201480014542.2 105873441 11/17/2017 201480014542.2	2
COMBINATION OF A CHLOROTOLURON COMPOUND AND IPBC FOR DRY FILM T 74595-DE-EPT Germany PROTECTION C SYNERGISTIC	THE DOW CHEMICAL COMPANY 03/28/2014 14721164 3 2953471 08/30/2017 602014013810.1	ľ
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COMPOUND AND	
IPBC FOR DRY FILM	THE DOW CHEMICAL
74595-GB-EPT United Kingdom PROTECTION	COMPANY 03/28/2014 14721164.3 2953471 08/30/2017 2953471
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COMBINATION OF A	<b>V</b>
CHLOROTOLURON	
COMPOUND AND	
IPBC FOR DRY FILM	THE DOW CHEMICAL
74595-IT-EPT Italy PROTECTION	COMPANY 03/28/2014 14721164.3 2953471 08/30/2017 50201700013651
SYNERGISTIC	
COMBINATION OF A	A Committee of the Comm
CHLOROTOLURON	
COMPOUND AND	
IPBC FOR DRY FILM	THE DOW CHEMICAL
74595-MX-PCT Mexico PROTECTION	COMPANY 03/28/2014 MX/a/15/013601 08/15/2018 358359
SYNERGISTIC	
COMBINATION OF A	
CHLOROTOLURON	
COMPOUND AND	
United States Of IPBC FOR DRY FILM	THE DOW CHEMICAL
74595-US-PCT America PROTECTION	COMPANY 03/28/2014 14/779352 2016-0044924 05/03/2016 9326517
SYNERGISTIC	
COMBINATION OF A	
CHLOROTOLURON	
COMPOUND AND	
ZINC PYRITHIONE	
FOR DRY FILM	THE DOW CHEMICAL
74596-AU-PCT Australia PROTECTION	
	COMPANY 03/28/2014 2014240883 12/18/2017 2014240883
SYNERGISTIC	
COMBINATION OF A	·
COMBINATION OF A CHLOROTOLURON	
COMBINATION OF A CHLOROTOLURON COMPOUND AND	
COMBINATION OF A CHLOROTOLURON COMPOUND AND ZINC PYRITHIONE	
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COMBINATION OF A CHLOROTOLURON COMPOUND AND ZINC PYRITHIONE FOR DRY FILM 74596-BR-PCT Brazil PROTECTION	
COMBINATION OF A CHLOROTOLURON COMPOUND AND ZINC PYRITHIONE FOR DRY FILM 74596-BR-PCT Brazil PROTECTION SYNERGISTIC	THE DOW CHEMICAL COMPANY 03/28/2014 112015024682-6
COMBINATION OF A CHLOROTOLURON COMPOUND AND ZINC PYRITHIONE FOR DRY FILM 74596-BR-PCT Brazil PROTECTION SYNERGISTIC COMBINATION OF A	THE DOW CHEMICAL COMPANY 03/28/2014 112015024682-6
COMBINATION OF A CHLOROTOLURON COMPOUND AND ZINC PYRITHIONE FOR DRY FILM 74596-BR-PCT Brazil PROTECTION SYNERGISTIC COMBINATION OF A CHLOROTOLURON	THE DOW CHEMICAL COMPANY 03/28/2014 112015024682-6
COMBINATION OF A CHLOROTOLURON COMPOUND AND ZINC PYRITHIONE FOR DRY FILM 74596-BR-PCT Brazil PROTECTION SYNERGISTIC COMBINATION OF A	THE DOW CHEMICAL COMPANY 03/28/2014 112015024682-6
COMBINATION OF A CHLOROTOLURON COMPOUND AND ZINC PYRITHIONE FOR DRY FILM 74596-BR-PCT Brazil PROTECTION SYNERGISTIC COMBINATION OF A CHLOROTOLURON	THE DOW CHEMICAL COMPANY 03/28/2014 112015024682-6
COMBINATION OF A CHLOROTOLURON COMPOUND AND ZINC PYRITHIONE FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A CHLOROTOLURON COMPOUND AND ZINC PYRITHIONE FOR DRY FILM	THE DOW CHEMICAL COMPANY 03/28/2014 112015024582-6 THE DOW CHEMICAL
COMBINATION OF A CHLOROTOLURON COMPOUND AND ZINC PYRITHIONE FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A CHLOROTOLURON COMPOUND AND ZINC PYRITHIONE FOR DRY FILM PROTECTION PROTECTION PROTECTION PROTECTION	THE DOW CHEMICAL COMPANY 03/28/2014 112015024582-6
COMBINATION OF A CHLOROTOLURON COMPOUND AND ZINC PYRITHIONE FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A CHLOROTOLURON COMPOUND AND ZINC PYRITHIONE FOR DRY FILM	THE DOW CHEMICAL COMPANY 03/28/2014 112015024682-6  THE DOW CHEMICAL
COMBINATION OF A CHLOROTOLURON COMPOUND AND ZINC PYRITHIONE FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A CHLOROTOLURON COMPOUND AND ZINC PYRITHIONE FOR DRY FILM PROTECTION PROTECTION PROTECTION PROTECTION	THE DOW CHEMICAL COMPANY 03/28/2014 112015024682-6  THE DOW CHEMICAL COMPANY 03/28/2014 201480014416.7 105188378 09/12/2017 201480014416.7
COMBINATION OF A CHLOROTOLURON COMPOUND AND ZINC PYRITHIONE FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A CHLOROTOLURON COMPOUND AND ZINC PYRITHIONE FOR DRY FILM PROTECTION SYNERGISTIC FOR DRY FILM PROTECTION SYNERGISTIC	THE DOW CHEMICAL COMPANY 03/28/2014 112015024682-6  THE DOW CHEMICAL COMPANY 03/28/2014 201480014416.7 105188378 09/12/2017 201480014416.7
COMBINATION OF A CHLOROTOLURON COMPOUND AND ZINC PYRITHIONE FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A CHLOROTOLURON COMPOUND AND ZINC PYRITHIONE FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A COMPOUND AND ZINC PYRITHIONE FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A	THE DOW CHEMICAL COMPANY 03/28/2014 112015024682-6  THE DOW CHEMICAL COMPANY 03/28/2014 201480014416.7 105188378 09/12/2017 201480014416.7
COMBINATION OF A CHLOROTOLURON COMPOUND AND ZINC PYRITHIONE FOR DRY FILM  74596-BR-PCT Brazil PROTECTION SYNERGISTIC COMBINATION OF A CHLOROTOLURON COMPOUND AND ZINC PYRITHIONE FOR DRY FILM  74596-CN-PCT China PROTECTION SYNERGISTIC COMBINATION OF A CHLOROTOLURON OF A CHLOROTOLURON	THE DOW CHEMICAL COMPANY 03/28/2014 112015024682-6  THE DOW CHEMICAL COMPANY 03/28/2014 201480014416.7 105188378 09/12/2017 201480014416.7
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		SYNERGISTIC					
		COMBINATION OF A CHLOROTOLURON					
		COMPOUND AND					
		ZINC PYRITHIONE FOR DRY FILM	THE DOW CHEMICAL				
74596-IN-PCT	India	PROTECTION	COMPANY	03/28/2014 9673/DELNP/2015			
		SYNERGISTIC					
		COMBINATION OF A CHLOROTOLURON					
		COMPOUND AND					
		ZINC PYRITHIONE FOR DRY FILM	THE DOW CHEMICAL				
74596-MX-PCT	Mexico	PROTECTION	COMPANY	03/28/2014 MX/a/15/013592		08/15/2018	358368
		SYNERGISTIC					
		COMBINATION OF A CHLOROTOLURON					
		COMPOUND AND					
	United States Of	ZINC PYRITHIONE FOR DRY FILM	THE DOW CHEMICAL				
74596-US-PCT	America	PROTECTION	COMPANY	03/28/2014 14/779354	2016-0050931	05/10/2016	9332761
		SYNERGISTIC COMBINATION OF A					
		CHLOROTOLURON					
		COMPOUND AND	THE COUNTY OF THE SECOND				
74598-AU-PCT	Australia	OIT FOR DRY FILM PROTECTION	THE DOW CHEMICAL COMPANY	03/28/2014 2014240877		12/18/2017	2014240877
		SYNERGISTIC					
		COMBINATION OF A CHLOROTOLURON					
		COMPOUND AND					
74598-BR-PCT	Brazil	OIT FOR DRY FILM PROTECTION	THE DOW CHEMICAL COMPANY	03/28/2014 112015024686-9			
74338-811-1-61	Diazii	SYNERGISTIC	COM AIV	03/20/2014 112013024080-3			
		COMBINATION OF A					
		CHLOROTOLURON COMPOUND AND					
		OIT FOR DRY FILM	THE DOW CHEMICAL				
74598-CN-PCT	China	PROTECTION SYNERGISTIC	COMPANY	03/28/2014 201480016130.2	105188377	09/01/2017	201480016130.2
		COMBINATION OF A					
		CHLOROTOLURON COMPOUND AND					
		OIT FOR DRY FILM	THE DOW CHEMICAL				
74598-DE-EPT	Germany	PROTECTION SYNERGISTIC	COMPANY	03/28/2014 14723230.0	2950654	08/30/2017	602014013813.6
		COMBINATION OF A					
		CHLOROTOLURON					
		COMPOUND AND OIT FOR DRY FILM	THE DOW CHEMICAL				
74598-FR-EPT	France	PROTECTION	COMPANY	03/28/2014 14723230.0	2950654	08/30/2017	2950654
		SYNERGISTIC COMBINATION OF A					
		CHLOROTOLURON					
		COMPOUND AND OIT FOR DRY FILM	THE DOW CHEMICAL				
74598-GB-EPT	United Kingdom	PROTECTION	COMPANY	03/28/2014 14723230.0	2950654	08/30/2017	2950654
		SYNERGISTIC COMBINATION OF A					
		CHLOROTOLURON					
		COMPOUND AND	THE DOWN CHERMON				
74598-IN-PCT	India	OIT FOR DRY FILM PROTECTION	THE DOW CHEMICAL COMPANY	03/28/2014 9675/DELNP/2015			
		SYNERGISTIC					
		COMBINATION OF A CHLOROTOLURON					
		COMPOUND AND					
74598-IT-EPT	Italy	OIT FOR DRY FILM PROTECTION	THE DOW CHEMICAL COMPANY	03/28/2014 14723230.0	2950654	08/30/2017	50201700013732
, 4530-11-EF1	icary	ROTECTION	CONTINUE	03/20/2014 14/23230.0	2330034	00/30/201/	30201700013732

	SYNERGISTIC		******************			
	COMBINATION OF A					
	CHLOROTOLURON COMPOUND AND					
	OIT FOR DRY FILM	THE DOW CHEMICAL				
74598-MX-PCT Mexico	PROTECTION SYNERGISTIC	COMPANY	03/28/2014	MX/a/15/013597		08/15/2018 358352
	COMBINATION OF A					
	CHLOROTOLURON					
United States Of	COMPOUND AND OIT FOR DRY FILM	THE DOW CHEMICAL				
74598-US-PCT America	PROTECTION	COMPANY	03/28/2014	14/779357	2016-0050933	05/03/2016 9326518
75022-BR-PCT Brazil	MICROBICIDAL COMPOSITION	THE DOW CHEMICAL COMPANY	12/10/2014	.12016014288-8		
	MICROBICIDAL	THE DOW CHEMICAL	40404044		**********	
75022-CN-PCT China	COMPOSITION MICROBICIDAL	COMPANY THE DOW CHEMICAL	12/10/2014 .	201480069620.9		
75022-DE-EPT Germany	COMPOSITION	COMPANY	12/10/2014	.4815199.6	3089596	08/15/2018 3089596
European	MICROBICIDAL	THE DOW CHEMICAL				
75022-EP-EPT Procedure (Patents		COMPANY	12/10/2014	14815199.6	3089596	08/15/2018 3089596
75022-FR-EPT France	MICROBICIDAL COMPOSITION	THE DOW CHEMICAL COMPANY	12/10/2014	.4815199.6	3089596	08/15/2018 3089596
	MICROBICIDAL	THE DOW CHEMICAL				
75022-GB-EPT United Kingdom	COMPOSITION MICROBICIDAL	COMPANY THE DOW CHEMICAL	12/10/2014	14815199.6	3089596	08/15/2018 3089596
75022-IN-PCT India	COMPOSITION	COMPANY	12/10/2014	201617023112	201617023112	
75022-JP-PCT Japan	MICROBICIDAL COMPOSITION	THE DOW CHEMICAL COMPANY	12/10/2014	2016-540663	2017-504597	
United States Of	MICROBICIDAL	THE DOW CHEMICAL				
75022-US-PCT America	COMPOSITION SYNERGISTIC	COMPANY	12/10/2014	.5/108478	2016-0324164	
	COMBINATION OF A					
	LENACIL COMPOUND AND					
	FLUROCHLORIDONE					
75097-AU-PCT Australia	FOR DRY FILM PROTECTION	THE DOW CHEMICAL COMPANY	08/30/2014	2014311984		01/03/2018 2014311984
	SYNERGISTIC					
	COMBINATION OF A LENACIL COMPOUNE					
	AND					
	FILLIDOCUL ODIDONE					
	FLUROCHLORIDONE FOR DRY FILM	THE DOW CHEMICAL				
75097-BR-PCT Brazil	FOR DRY FILM PROTECTION	THE DOW CHEMICAL COMPANY	08/30/2014	112016003440-6		
75097-BR-PCT Brazil	FOR DRY FILM		08/30/2014	12016003440-6		
75097-BR-PCT Brazil	FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A LENACIL COMPOUND	COMPANY	08/30/2014	12016003440-6		
75097-BR-PCT Brazil	FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A	COMPANY	08/30/2014	12016003440-6		
	FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND FLUROCHLORIDONE FOR DRY FILM	COMPANY THE DOW CHEMICAL				12/12/2017 201/890045267 0
75097-BR-PCT Brazil 75097-CN-PCT China	FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND FLUROCHLORIDONE	COMPANY		.12016003440-6 		12/12/2017 201480045267.0
	FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A LENACIL COMPOUNE AND FLUROCHLORIDONE FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A	COMPANY  THE DOW CHEMICAL COMPANY				12/12/2017 201480045267.0
	FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND FLUROCHLORIDONE FOR DRY FILM PROTECTION SYNERGISTIC	COMPANY  THE DOW CHEMICAL COMPANY				12/12/2017 201480045267.0
	FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A LENACIL COMPOUNE AND FLUROCHLORIDONE FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A LENACIL COMPOUNE AND FLUROCHLORIDONE	COMPANY THE DOW CHEMICAL COMPANY				12/12/2017 201480045267.0
	FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A LENACIL COMPOUNE AND FLUROCHLORIDONE FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A LENACIL COMPOUNE AND	COMPANY  THE DOW CHEMICAL COMPANY	08/30/2014			12/12/2017 201480045267.0
75097-CN-PCT China	FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A LENACIL COMPOUNE AND FLUROCHLORIDONE FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A LENACIL COMPOUNE AND FLUROCHLORIDONE FOR DRY FILM	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL	08/30/2014	201480045267.0		12/12/2017 201480045267.0
75097-CN-PCT China	FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND FLUROCHLORIDONE FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND FLUROCHLORIDONE FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A LENACIL COMPOUND COMBINATION OF A LENACIL COMPOUND	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	08/30/2014	201480045267.0		12/12/2017 201480045267.0
75097-CN-PCT China	FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A LENACIL COMPOUNE AND FLUROCHLORIDONE FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A LENACIL COMPOUNE AND FLUROCHLORIDONE FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	08/30/2014	201480045267.0		12/12/2017 201480045267.0
75097-CN-PCT China 75097-IN-PCT India	FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A LENACIL COMPOUNE AND FLUROCHLORIDONE FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A LENACIL COMPOUNE AND FLUROCHLORIDONE FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A LENACIL COMPOUNE AND FLUROCHLORIDONE FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A LENACIL COMPOUNE AND FLUROCHLORIDONE FOR DRY FILM	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	08/30/2014 : 08/30/2014 :	201480045267.0 201617007561		12/12/2017 201480045267.0
75097-CN-PCT China	FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A LENACIL COMPOUNE AND FLUROCHLORIDONE FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A LENACIL COMPOUNE AND FLUROCHLORIDONE FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A LENACIL COMPOUNE AND FLUROCHLORIDONE AND FLUROCHLORIDONE AND FLUROCHLORIDONE	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	08/30/2014	201480045267.0 201617007561	2016-531917	12/12/2017 201480045267.0
75097-CN-PCT China 75097-IN-PCT India	FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A LENACIL COMPOUNE AND FLUROCHLORIDONE FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A LENACIL COMPOUNE AND FLUROCHLORIDONE FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A LENACIL COMPOUNE AND FLUROCHLORIDONE FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A LENACIL COMPOUNE AND FLUROCHLORIDONE FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	08/30/2014 : 08/30/2014 :	201480045267.0 201617007561	2016-531917	12/12/2017 201480045267.0
75097-CN-PCT China 75097-IN-PCT India	FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND FLUROCHLORIDONE FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND FLUROCHLORIDONE FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND FLUROCHLORIDONE FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND FLUROCHLORIDONE FOR DRY FILM PROTECTION SYNERGISTIC	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	08/30/2014 : 08/30/2014 :	201480045267.0 201617007561	2016-531917	12/12/2017 201480045267.0
75097-CN-PCT China 75097-IN-PCT India	FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND FLUROCHLORIDONE FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND FLUROCHLORIDONE FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND FLUROCHLORIDONE FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND FLUROCHLORIDONE FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND FLUROCHLORIDONE AND FLUROCHLORIDONE	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	08/30/2014 : 08/30/2014 :	201480045267.0 201617007561	2016-531917	12/12/2017 201480045267.0
75097-CN-PCT China 75097-IN-PCT India	FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND FLUROCHLORIDONE FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND FLUROCHLORIDONE FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND FLUROCHLORIDONE FOR DRY FILM PROTECTION SYNERGISTIC COMBINATION OF A LENACIL COMPOUND SYNERGISTIC COMBINATION OF A LENACIL COMPOUND SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	08/30/2014 : 08/30/2014 : 08/30/2014 :	201480045267.0 201617007561	2016-531917	12/12/2017 201480045267.0

	SYNERGISTIC		
	COMBINATION OF A LENACIL COMPOUND		
	AND		
	FLUROCHLORIDONE FOR DRY FILM	THE DOW CHEMICAL	
75097-MX-PCT Mexico	PROTECTION	COMPANY	08/30/2014 MX/a/2016/002017
	SYNERGISTIC		
	COMBINATION OF A LENACIL COMPOUND		
	AND		
	FLUROCHLORIDONE		
75097-RU-PCT Russian Federation	FOR DRY FILM PROTECTION	THE DOW CHEMICAL COMPANY	08/20/2014 2017/110020
75097-RU-PCT Russian Federation	SYNERGISTIC	COMPANT	08/30/2014 2016110839
	COMBINATION OF A		
	LENACIL COMPOUND		
	AND FLUROCHLORIDONE		
United States Of	FOR DRY FILM	THE DOW CHEMICAL	
75097-US-PCT America	PROTECTION	COMPANY	08/30/2014 14/913036 2016-0198710 08/09/2016 9408389
	SYNERGISTIC		
	COMBINATION OF A		
	LENACIL COMPOUND		
	AND CARBENDAZIM FOR DRY FILM	THE DOW CHEMICAL	
75098-AU-PCT Australia	PROTECTION	COMPANY	08/30/2014 2014311985 01/03/2018 2014311985
	CVALEDCICTIC		
	SYNERGISTIC COMBINATION OF A		
	LENACIL COMPOUND		
	AND CARBENDAZIM	THE COLL CHE MOSI	
75098-BR-PCT Brazil	FOR DRY FILM PROTECTION	THE DOW CHEMICAL COMPANY	08/30/2014 112016003447-3
	SYNERGISTIC COMBINATION OF A		
	LENACIL COMPOUND		
	AND CARBENDAZIM		
75098-CN-PCT China	FOR DRY FILM PROTECTION	THE DOW CHEMICAL COMPANY	08/30/2014 201480045868.1 105517438 03/27/2018 201480045868.1
A DOZOSCHIT CI	rnorcenox	COINT AIG	88/34/2414 201480043808.1 183317438 03/21/2018 201480843808.1
	SYNERGISTIC		
	COMBINATION OF A LENACIL COMPOUND		
	AND CARBENDAZIM		
	FOR DRY FILM	THE DOW CHEMICAL	22 (22 (22 ) 22 ) 22 (22 )
75098-IN-PCT India	PROTECTION	COMPANY	08/30/2014 201617007415
	SYNERGISTIC		
	COMBINATION OF A		
	LENACIL COMPOUND AND CARBENDAZIM		
	FOR DRY FILM	THE DOW CHEMICAL	
75098-JP-PCT Japan	PROTECTION	COMPANY	08/30/2014 2016-537928 2016-534126
	SYNERGISTIC		
	COMBINATION OF A		
	LENACIL COMPOUND AND CARBENDAZIM		
	FOR DRY FILM	THE DOW CHEMICAL	
75098-KR-PCT SOUTH KOREA	PROTECTION	COMPANY	08/30/2014 10-2016-7007163
	SYNERGISTIC		
	COMBINATION OF A		
	LENACIL COMPOUND		
	AND CARBENDAZIM FOR DRY FILM	THE DOW CHEMICAL	
75098-MX-PCT Mexico	PROTECTION	COMPANY	08/30/2014 MX/a/2015/002107

75098-RU-PCT Russian Federation  United States Of 75098-US-PCT America	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND CARBENDAZIM FOR DRY FILM PROTECTION  SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND CARBENDAZIM FOR DRY FILM PROTECTION	THE DOW CHEMICAL COMPANY	08/30/2014 2016110840 08/30/2014 14/913033		4/16/2018 2650521 8/09/2016 9408388
75100-AU-PCT Australia 75100-BR-PCT Brazil	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND PHENYLUREA	THE DOW CHEMICAL COMPANY	08/31/2014 2014311986 08/31/2014 112016003474-0	O	8/30/2018 2014311986
75100-CN-PCT China 75100-DE-EPT Germany	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND PHENYLUREA	THE DOW CHEMICAL COMPANY	08/31/2014 201480045302.9 08/31/2014 14766606.9	3010343 0	7/19/2017 602014012062.8
75100-FR-EPT France 75100-GB-EPT United Kingdom	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND PHENYLUREA HERBICIDES FOR DRY FILM PROTECTION  SYNERGISTIC COMBINATION OF A	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	08/31/2014 14766606.9 08/31/2014 14766606.9		7/19/2017 3010343 7/19/2017 3010343
75100-IN-PCT India	LENACIL COMPOUND AND PHENYLUREA HERBICIDES FOR DRY FILM PROTECTION	THE DOW CHEMICAL COMPANY	08/31/2014 201617007416		

75100-IP-PCT Japan	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND PHENYLUREA HERBICIDES FOR DRY FILM PROTECTION  SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND PHENYLUREA	THE DOW CHEMICAL COMPANY	08/31/2014	2016-537929	2016-531918	
	HERBICIDES FOR DRY					
75100-KR-PCT SOUTH KOREA	FILM PROTECTION	COMPANY	08/31/2014	10-2016-7007165		
75100-MX-PCT Mexico	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND PHENYLUREA HERBICIDES FOR DRY FILM PROTECTION	THE DOW CHEMICAL COMPANY	08/31/2014	MX/a/2016/002108		
	SYNERGISTIC					
	COMBINATION OF A					
	AND PHENYLUREA					
75400 BU BCT Bussian Fadavation	HERBICIDES FOR DRY FILM PROTECTION		00/21/2014	2016110828		
75100-RU-PCT Russian Federation	METHODS AND	COMPANY	08/31/2014	2016110838		
European	SYSTEMS FOR MONITORING	THE DOW CHEMICAL				
75403-EP-EPA Procedure (Patents)		COMPANY	12/03/2014	14196139.1	2883842	
	METHODS AND SYSTEMS FOR					
United States Of		THE DOW CHEMICAL				
75403-US-NP America	BIOFILM GROWTH MICROBICIDAL	COMPANY THE DOW CHEMICAL	12/16/2014	14/571641	2015-0167051	01/17/2017 9546395
75405-BR-PCT Brazil	COMPOSITION	COMPANY	10/02/2014	112016006522-0		
75405-CN-PCT China	MICROBICIDAL COMPOSITION	THE DOW CHEMICAL COMPANY	10/02/2014	201480052698.X		12/19/2017 201480052698.X
75405-CN-FC  Clinia	MICROBICIDAL	THE DOW CHEMICAL	10/02/2014	201480032038.X		12/13/2017 201480032038.X
75405-DE-EPT Germany	COMPOSITION MICROBICIDAL	COMPANY THE DOW CHEMICAL	10/02/2014	14793673.6	3027019	06/28/2017 602014011355.9
75405-FR-EPT France	COMPOSITION	COMPANY	10/02/2014	14793673.6	3027019	06/28/2017 3027019
75405-GB-EPT United Kingdom	MICROBICIDAL COMPOSITION	THE DOW CHEMICAL COMPANY	10/02/2014	14793673.6	3027019	06/28/2017 3027019
	MICROBICIDAL	THE DOW CHEMICAL				
75405-IN-PCT India	COMPOSITION MICROBICIDAL	COMPANY THE DOW CHEMICAL	10/02/2014	201617013022		
75405-JP-PCT Japan	COMPOSITION	COMPANY	10/02/2014	2016-517312	2016-531867	
75405-KR-PCT SOUTH KOREA	MICROBICIDAL COMPOSITION	THE DOW CHEMICAL COMPANY	10/02/2014	10-2016-7010032		
	MICROBICIDAL	THE DOW CHEMICAL				
75405-MX-PCT Mexico	COMPOSITION MICROBICIDAL	COMPANY THE DOW CHEMICAL	10/02/2014	MX/a/2016/003698		
	COMPOSITION	COMPANY	10/02/2014	2016117114		
United States Of 75405-US-PCT America	MICROBICIDAL COMPOSITION	THE DOW CHEMICAL COMPANY	10/02/2014	15/026126	2016-0219875	03/07/2017 9585389
75406-BR-PCT Brazil	MICROBICIDAL COMPOSITION	THE DOW CHEMICAL COMPANY	10/02/2014	112016005819-4		
75-FOUNDIATE DI AZII	MICROBICIDAL	THE DOW CHEMICAL	10/02/2014	112010003013-4		
75406-CN-PCT China	COMPOSITION MICROBICIDAL	COMPANY THE DOW CHEMICAL	10/02/2014	201480051880.3		03/02/2018 201480051880.3
75406-DE-EPT Germany	COMPOSITION	COMPANY	10/02/2014	14790411.4	3027025	06/28/2017 602014011349.4
75406-FR-EPT France	MICROBICIDAL COMPOSITION	THE DOW CHEMICAL COMPANY	10/02/2014	14790411.4	3027025	06/28/2017 3027025
	MICROBICIDAL	THE DOW CHEMICAL				
75406-GB-EPT United Kingdom 75406-IN-PCT India	COMPOSITION MICROBICIDAL COMPOSITION	COMPANY THE DOW CHEMICAL COMPANY	10/02/2014	14790411.4 201617013021	3027025 201617013021	06/28/2017 3027025

М	IICROBICIDAL 1	HE DOW CHEMICAL			
		COMPANY	10/02/2014 2016-546881	2016-534150	
		THE DOW CHEMICAL COMPANY	10/02/2014 10-2016-7010031		
		HE DOW CHEMICAL			
		COMPANY THE DOW CHEMICAL	10/02/2014 MX/a/2016/003600		
		COMPANY	10/02/2014 2016117113		04/13/2018 2658375
		THE DOW CHEMICAL COMPANY	05/09/2017 15/599940	2017 0220540	11/07/2017 0000003
		THE DOW CHEMICAL	05/08/2017 15/588946	2017-0238540	11/07/2017 9808002
***************************************		COMPANY	10/02/2014 15/026128	2016-0212992	06/13/2017 9675064
		THE DOW CHEMICAL COMPANY	10/02/2014 112016006534-4		
		THE DOW CHEMICAL	19/02/2014 112010000334 4		
		COMPANY THE DOW CHEMICAL	10/02/2014 201480052647.7		08/21/2018 201480052647.7
	4	COMPANY	10/02/2014 14790412.2	3027028	11/22/2017 602014017692.5
European M 75407-EP-EPT Procedure (Patents) CC		HE DOW CHEMICAL COMPANY	10/02/2014 14790412.2	3027028	11/22/2017 3027028
***************************************		HE DOW CHEMICAL			
		COMPANY ELLE BOLL SUEMISM	10/02/2014 14790412.2	3027028	11/22/2017 3027028
		HE DOW CHEMICAL COMPANY	10/02/2014 14790412.2	3027028	11/22/2017 3027028
		THE DOW CHEMICAL			
	rance and a rance and a recommendation of the contract of the	COMPANY THE DOW CHEMICAL	10/02/2014 201617013020		
		COMPANY	10/02/2014 2016-517396	2016-533337	
		THE DOW CHEMICAL	10/02/2014 BAY/-/2016/00202		
	ananan arawa an	COMPANY THE DOW CHEMICAL	10/02/2014 MX/a/2016/003697		
		COMPANY	10/02/2014 2016117112		
		THE DOW CHEMICAL COMPANY	10/02/2014 15/026130	2016-0242412	03/07/2017 9585386
		THE DOW CHEMICAL	10/02/2014 13/020130	2010-0242412	03/07/2017 3383380
	200000000000000000000000000000000000000	COMPANY	10/03/2014 15/026131	2016-0235058	03/13/2018 9913468
	30	THE DOW CHEMICAL COMPANY	10/31/2017 2017254837		
M		HE DOW CHEMICAL			
		COMPANY THE DOW CHEMICAL	10/31/2017 2017254836		
	30	COMPANY	10/03/2014 2014329442		03/29/2018 2014329442
		HE DOW CHEMICAL	48 188 1884 8 44884 00000000000000000000		
		COMPANY THE DOW CHEMICAL	10/03/2014 112016006593-0		
		COMPANY	10/03/2014 2925574		
300000000000000000000000000000000000000		THE DOW CHEMICAL	10/25/2017 201711008557.X	107771794	
		THE DOW CHEMICAL	10/20/201/ 201/1100033///	107771794	
	anana ananana ananana ananana ananana A	COMPANY	10/25/2017 201711008551.2	107751195	
		THE DOW CHEMICAL COMPANY	10/03/2014 201480052457.5		05/08/2018 201480052457.5
M	IICROBICIDAL 1	THE DOW CHEMICAL			
	rangan ang karangan	COMPANY THE DOW CHEMICAL	10/03/2014 201617013018		
		COMPANY	10/03/2014 2016-516517	2016-533320	
		THE DOW CHEMICAL COMPANY	10/02/2014 2016117116		02/10/2019 2554625
		THE DOW CHEMICAL	10/03/2014 2016117116		03/19/2018 2654625
75409-US-PCD America CC	OMPOSITION (	Company	08/24/2017 15/685466	2017-0347655	06/05/2018 9986739
		THE DOW CHEMICAL COMPANY	08/24/2017 15/685475	2017-0347656	05/15/2018 9968089
M	IICROBICIDAL 1	THE DOW CHEMICAL	,,		
***************************************		COMPANY THE DOWN CHEMICAL	10/03/2014 2014329443		04/05/2018 2014329443
		THE DOW CHEMICAL COMPANY	10/03/2014 112016006598-0		
M	IICROBICIDAL 1	THE DOW CHEMICAL			
		COMPANY THE DOW CHEMICAL	10/03/2014 2926623		
		COMPANY	10/03/2014 201480052682.9	105578881	03/27/2018 201480052682.9
		HE DOW CHEMICAL	4.6/63/364.4.4.266424.3	2022024	07/06/2017 / 202014**** 2020***
75410-DE-EPT Germany CC	OMPOSITION (	COMPANY	10/03/2014 14790421.3	3027024	07/26/2017 602014012363.5

	European	MICROBICIDAL	THE DOW CHEMICAL				
75410-EP-EPT	Procedure (Patents)	COMPOSITION	COMPANY	10/03/2014	14790421.3	3027024	07/26/2017 3027024
75410-FR-EPT	France	MICROBICIDAL COMPOSITION	THE DOW CHEMICAL COMPANY	10/03/2014	14790421.3	3027024	07/26/2017 3027024
		MICROBICIDAL	THE DOW CHEMICAL				
75410-GB-EPT	United Kingdom	COMPOSITION MICROBICIDAL	COMPANY THE DOW CHEMICAL	10/03/2014	14790421.3	3027024	07/26/2017 3027024
75410-IN-PCT	India	COMPOSITION	COMPANY	10/03/2014	201617013017		
		MICROBICIDAL	THE DOW CHEMICAL				
75410-JP-PCT	Japan	COMPOSITION	COMPANY	10/03/2014	2016-517400	2016-532636	
75410-RU-PCT	Russian Federation	MICROBICIDAL COMPOSITION	THE DOW CHEMICAL COMPANY	10/03/2014	2016117115		02/28/2018 2653763
	United States Of	MICROBICIDAL	THE DOW CHEMICAL				
75410-US-PCD	America	COMPOSITION	COMPANY	07/28/2017	15/662457	2017-0325449	11/07/2017 9808001
75410-US-PCD[2]	United States Of America	MICROBICIDAL COMPOSITION	THE DOW CHEMICAL COMPANY	07/28/2017	15/662460	2017-0325450	12/05/2017 9832992
-0000000000000000000000000000000000000	United States Of	MICROBICIDAL	THE DOW CHEMICAL				
75410-US-PCT	America	COMPOSITION	COMPANY	10/03/2014	15/026136	2016-0227769	10/03/2017 9775343
		COMPOSITIONS OF DIBROMOMALONA					
		MIDE AND THEIR USE	THE DOW CHEMICAL				
75639-AU-PCT	Australia	AS BIOCIDES	COMPANY	11/24/2014	2014352713		05/24/2018 2014352713
		COMPOSITIONS OF DIBROMOMALONA					
		MIDE AND THEIR USE	THE DOW CHEMICAL				
75639-BR-PCT	Brazil	AS BIOCIDES	COMPANY	11/24/2014	112016010632-6		
		COMPOSITIONS OF DIBROMOMALONA					
		MIDE AND THEIR USE	THE DOW CHEMICAL				
75639-CA-PCT	Canada	AS BIOCIDES	COMPANY	11/24/2014	2931052		
		COMPOSITIONS OF					
		DIBROMOMALONA MIDE AND THEIR USE	THE DOW CHEMICAL				
75639-CN-PCT	China	AS BIOCIDES	COMPANY	11/24/2014	201480061832.2	105722391	04/06/2018 201480061832.2
		COMPOSITIONS OF					
	European	DIBROMOMALONA MIDE AND THEIR USE	THE DOW CHEMICAL				
75639-EP-EPT	Procedure (Patents)		COMPANY	11/24/2014	14812361.5	3038464	
		COMPOSITIONS OF					
		DIBROMOMALONA MIDE AND THEIR USE	THE DOW CHEMICAL				
75639-IN-PCT	India	AS BIOCIDES	COMPANY	11/24/2014	201617019986	201617019986	
		COMPOSITIONS OF					
		DIBROMOMALONA MIDE AND THEIR USE	THE DOW CHEMICAL				
75639-JP-PCT	Japan	AS BIOCIDES	COMPANY	11/24/2014	2016-529454	2016-539111	
*****		COMPOSITIONS OF			************	*********************	
	United States Of	DIBROMOMALONA MIDE AND THEIR USE	THE DOW/CHEMICAL				
75639-US-PCT	America	AS BIOCIDES	COMPANY	11/24/2014	15/037553		04/11/2017 9615574
		MICROBICIDAL	THE DOW CHEMICAL				
75836-BR-PCT	Brazil	COMPOSITION MICROBICIDAL	COMPANY THE DOW CHEMICAL	12/10/2014	112016014213-6		
75836-CN-PCT	China	COMPOSITION	COMPANY	12/10/2014	201480069517.4		
		MICROBICIDAL	THE DOW CHEMICAL				
75836-DE-EPT	Germany	COMPOSITION	COMPANY	12/10/2014	14815200.2	3089586	07/18/2018 3089586
	European	MICROBICIDAL	THE DOW CHEMICAL				
75836-EP-EPT	Procedure (Patents)		COMPANY	12/10/2014	14815200.2	3089586	07/18/2018 3089586
75000 EN ENT	France	MICROBICIDAL COMPOSITION	THE DOW CHEMICAL COMPANY	13/10/2014	1//016300 3	3000E06	07/10/3010 3000E06
75836-FR-EPT	(rance		THE DOW CHEMICAL	12/10/2014	14815200.2	3089586	07/18/2018 3089586
75836-GB-EPT	United Kingdom	COMPOSITION	COMPANY	12/10/2014	14815200.2	3089586	07/18/2018 3089586
TEODE MIDET	India	MICROBICIDAL	THE DOW CHEMICAL	13/40/2014	201617022262	364643633355	
75836-IN-PCT	India	COMPOSITION MICROBICIDAL	COMPANY THE DOW CHEMICAL	12/10/2014	201617023363	201617023363/	N.
75836-JP-PCT	Japan	COMPOSITION	COMPANY	12/10/2014	2016-540576	2017-503779	
acoactic per	United States Of	MICROBICIDAL	THE DOW CHEMICAL	13/10/304*	1E/10040E	30460346756	0E/00/0017-0643357
75836-US-PCT	America	COMPOSITION	COMPANY	12/10/2014	12/108485	20160316756	05/09/2017 9642367

	METHOD FOR PREPARING A	
	STABLE ISOTHIAZOLONE THE DOW C	IEMICAL
75860-CN-PCT China	FORMULATION COMPANY METHOD FOR	08/11/2015 201580082182.4 107846886
	PREPARING A	
European	STABLE ISOTHIAZOLONE THE DOW C	HEMICAL
75860-EP-EPT Procedure (Pat	nts) FORMULATION COMPANY METHOD FOR	08/11/2015 15900715.2 3340797
	PREPARING A	
United States C	Stable f isothiazolone the dow ci	IEMICAL
75860-US-PCT America	FORMULATION COMPANY	08/11/2015 15/888156 2018-0153163
	METHOD FOR PREPARING A	
International	STABLE ISOTHIAZOLONE THE DOW C	IFMICAL
75860-WO-PCT Procedure	FORMULATION COMPANY	08/11/2015 PCT/CN15/086625 WO/2017/024517
	METHOD AND REAGENTS FOR	
75987-CN-PCT China	DETECTING WATER THE DOW CONTAMINATION COMPANY	HEMICAL 06/24/2015 201580033409.6 106536755
73987-CN-FCT Clilla	METHOD AND	00/24/2013 201300033403.0 100030133
European	REAGENTS FOR  DETECTING WATER THE DOW C	IEMICAL
75987-EP-EPT Procedure (Pat	nts) CONTAMINATION COMPANY	06/24/2015 15736104.9 3161153
	METHOD AND REAGENTS FOR	
75987-JP-PCT Japan	DETECTING WATER THE DOW CONTAMINATION COMPANY	IEMICAL 06/24/2015 2016-575516 2017-521066
73507 ST 1 CT Supari	METHOD AND	00/24/2013 2010 3/3320 2017 322000
United States C	REAGENTS FOR DETECTING WATER THE DOW O	IEMICAL
75987-US-PCT America United States C	CONTAMINATION COMPANY  f Stabilized Test THE DOW C	06/24/2015 15/320978 2017-0283861
76175-US-PCT America	Reagent COMPANY	04/06/2015 15/303028 2017-0038302
	STABILIZATION OF ISOTHIAZOLONES IN	
76751-RR-PCT Brazil	ISOTHIAZOLONES IN AQUEOUS THE DOW C	
76251-BR-PCT Brazil	ISOTHIAZOLONES IN AQUEOUS THE DOW CI COMPOSITIONS COMPANY STABILIZATION OF	IEMICAL 05/01/2015 112016025623-9
76251-BR-PCT Brazil	ISOTHIAZOLONES IN AQUEDUS THE DOW CI COMPOSITIONS COMPANY	05/01/2015 112016025623-9
76251-BR-PCT Brazil 76251-CN-PCT China	ISOTHIAZOLONES IN AQUEOUS THE DOW CI COMPOSITIONS COMPANY STABILIZATION OF ISOTHIAZOLONES IN AQUEOUS THE DOW CI COMPOSITIONS COMPANY	05/01/2015 112016025623-9
	ISOTHIAZOLONES IN AQUEOUS THE DOW CI COMPOSITIONS COMPANY STABILIZATION OF ISOTHIAZOLONES IN AQUEOUS THE DOW CI COMPOSITIONS COMPANY STABILIZATION OF ISOTHIAZOLONES IN	05/01/2015 112016025623-9 HEMICAL 05/01/2015 201580024211.1 106455570
76251-CN-PCT China European	ISOTHIAZOLONES IN AQUEOUS THE DOW CI COMPOSITIONS COMPANY STABILIZATION OF ISOTHIAZOLONES IN AQUEOUS THE DOW CI COMPOSITIONS COMPANY STABILIZATION OF	05/01/2015 112016025623-9 HEMICAL 05/01/2015 201580024211.1 106455570
76251-CN-PCT China European	ISOTHIAZOLONES IN AQUEOUS THE DOW CO COMPOSITIONS COMPANY STABILIZATION OF ISOTHIAZOLONES IN AQUEOUS THE DOW CO COMPOSITIONS COMPANY STABILIZATION OF ISOTHIAZOLONES IN AQUEOUS THE DOW CO INCOMPOSITIONS COMPANY STABILIZATION OF	05/01/2015 112016025623-9  HEMICAL  05/01/2015 201580024211.1 106455570  HEMICAL
76251-CN-PCT China  European 76251-EP-EPT Procedure (Pat	ISOTHIAZOLONES IN AQUEOUS THE DOW CI COMPOSITIONS COMPANY STABILIZATION OF ISOTHIAZOLONES IN AQUEOUS THE DOW CI COMPOSITIONS COMPANY STABILIZATION OF ISOTHIAZOLONES IN AQUEOUS THE DOW CI COMPOSITIONS COMPANY STABILIZATION OF ISOTHIAZOLONES IN AQUEOUS THE DOW CI TOWN THE DOW CI	05/01/2015 112016025623-9  HEMICAL  05/01/2015 201580024211.1 106455570  HEMICAL  05/01/2015 15724420.3 3143109
76251-CN-PCT China European	ISOTHIAZOLONES IN AQUEOUS THE DOW CO COMPOSITIONS COMPANY STABILIZATION OF ISOTHIAZOLONES IN AQUEOUS THE DOW CO COMPOSITIONS COMPANY STABILIZATION OF ISOTHIAZOLONES IN AQUEOUS THE DOW CO INITIAL OF COMPANY STABILIZATION OF ISOTHIAZOLONES IN STABILIZATION OF ISOTHIAZOLONES IN	05/01/2015 112016025623-9  HEMICAL  05/01/2015 201580024211.1 106455570  HEMICAL  05/01/2015 15724420.3 3143109
76251-CN-PCT China  European 76251-EP-EPT Procedure (Pat	ISOTHIAZOLONES IN AQUEOUS THE DOW CO COMPOSITIONS COMPANY STABILIZATION OF ISOTHIAZOLONES IN AQUEOUS THE DOW CO COMPOSITIONS COMPANY STABILIZATION OF ISOTHIAZOLONES IN AQUEOUS THE DOW CO COMPOSITIONS COMPANY STABILIZATION OF ISOTHIAZOLONES IN AQUEOUS THE DOW CO COMPOSITIONS COMPANY STABILIZATION OF ISOTHIAZOLONES IN AQUEOUS THE DOW CO COMPOSITIONS COMPANY STABILIZATION OF ISOTHIAZOLONES IN	05/01/2015 112016025623-9  HEMICAL  05/01/2015 201580024211.1 106455570  HEMICAL  05/01/2015 15724420.3 3143109  HEMICAL  05/01/2015 2016-565697 2017-515818
76251-CN-PCT China  European 76251-EP-EPT Procedure (Pat	ISOTHIAZOLONES IN AQUEOUS THE DOW CI COMPOSITIONS COMPANY STABILIZATION OF ISOTHIAZOLONES IN AQUEOUS THE DOW CI COMPOSITIONS COMPANY STABILIZATION OF ISOTHIAZOLONES IN AQUEOUS THE DOW CI COMPOSITIONS COMPANY STABILIZATION OF ISOTHIAZOLONES IN AQUEOUS THE DOW CI COMPOSITIONS COMPANY STABILIZATION OF ISOTHIAZOLONES IN AQUEOUS THE DOW CI COMPOSITIONS COMPANY STABILIZATION OF ISOTHIAZOLONES IN	05/01/2015 112016025623-9  HEMICAL  05/01/2015 201580024211.1 106455570  HEMICAL  05/01/2015 15724420.3 3143109  HEMICAL  05/01/2015 2016-565697 2017-515818
76251-CN-PCT China  European 76251-EP-EPT Procedure (Pat 76251-JP-PCT Japan  United States C	ISOTHIAZOLONES IN AQUEOUS THE DOW CO COMPOSITIONS COMPANY STABILIZATION OF ISOTHIAZOLONES IN AQUEOUS THE DOW CO COMPOSITIONS COMPANY STABILIZATION OF ISOTHIAZOLONES IN AQUEOUS THE DOW CO INTS! COMPOSITIONS COMPANY STABILIZATION OF ISOTHIAZOLONES IN AQUEOUS THE DOW CO COMPOSITIONS COMPANY STABILIZATION OF ISOTHIAZOLONES IN AQUEOUS THE DOW CO COMPOSITIONS COMPANY STABILIZATION OF ISOTHIAZOLONES IN AQUEOUS THE DOW CO	05/01/2015 112016025623-9  HEMICAL  05/01/2015 201580024211.1 106455570  HEMICAL  05/01/2015 15724420.3 3143109  HEMICAL  05/01/2015 2016-565697 2017-515818
76251-CN-PCT China  European 76251-EP-EPT Procedure (Pat 76251-JP-PCT Japan  United States C	ISOTHIAZOLONES IN AQUEOUS THE DOW CO COMPOSITIONS COMPANY STABILIZATION OF ISOTHIAZOLONES IN AQUEOUS THE DOW CO COMPOSITIONS COMPANY STABILIZATION OF ISOTHIAZOLONES IN AQUEOUS THE DOW CO COMPOSITIONS COMPANY STABILIZATION OF ISOTHIAZOLONES IN AQUEOUS THE DOW CO COMPOSITIONS COMPANY STABILIZATION OF ISOTHIAZOLONES IN AQUEOUS THE DOW CO COMPOSITIONS COMPANY STABILIZATION OF ISOTHIAZOLONES IN FAQUEOUS THE DOW CO COMPOSITIONS COMPANY AIR DECONTAMINATION	05/01/2015 112016025623-9  HEMICAL  05/01/2015 201580024211.1 106455570  HEMICAL  05/01/2015 15724420.3 3143109  HEMICAL  05/01/2015 2016-565697 2017-515818  HEMICAL  05/01/2015 15/310515 2017-0107444
76251-CN-PCT China  European 76251-EP-EPT Procedure (Pat 76251-JP-PCT Japan  United States C	ISOTHIAZOLONES IN AQUEOUS THE DOW COMPOSITIONS COMPANY STABILIZATION OF ISOTHIAZOLONES IN AQUEOUS THE DOW COMPANY AIR DECONTAMINATION AND STERILIZATION THE DOW COMPANY	05/01/2015 112016025623-9  HEMICAL  05/01/2015 201580024211.1 106455570  HEMICAL  05/01/2015 15724420.3 3143109  HEMICAL  05/01/2015 2016-565697 2017-515818  HEMICAL  05/01/2015 15/310515 2017-0107444
76251-CN-PCT China  European 76251-EP-EPT Procedure (Pat 76251-JP-PCT Japan  United States C	ISOTHIAZOLONES IN AQUEOUS THE DOW CO COMPOSITIONS COMPANY STABILIZATION OF ISOTHIAZOLONES IN AQUEOUS THE DOW CO COMPOSITIONS COMPANY STABILIZATION OF ISOTHIAZOLONES IN AQUEOUS THE DOW CO COMPOSITIONS COMPANY STABILIZATION OF ISOTHIAZOLONES IN AQUEOUS THE DOW CO COMPOSITIONS COMPANY STABILIZATION OF ISOTHIAZOLONES IN AQUEOUS THE DOW CO COMPOSITIONS COMPANY STABILIZATION OF ISOTHIAZOLONES IN FAQUEOUS THE DOW CO COMPOSITIONS COMPANY AIR DECONTAMINATION AND STERILIZATION THE DOW CO	05/01/2015 112016025623-9  HEMICAL  05/01/2015 201580024211.1 106455570  HEMICAL  05/01/2015 15724420.3 3143109  HEMICAL  05/01/2015 2016-565697 2017-515818  HEMICAL  05/01/2015 15/310515 2017-0107444
76251-CN-PCT China  European 76251-EP-EPT Procedure (Pat 76251-JP-PCT Japan  United States C 76251-US-PCT America	ISOTHIAZOLONES IN AQUEOUS THE DOW CO COMPOSITIONS COMPANY STABILIZATION OF ISOTHIAZOLONES IN AQUEOUS THE DOW CO COMPOSITIONS COMPANY STABILIZATION OF ISOTHIAZOLONES IN AQUEOUS THE DOW CO COMPOSITIONS COMPANY STABILIZATION OF ISOTHIAZOLONES IN AQUEOUS THE DOW CO COMPOSITIONS COMPANY STABILIZATION OF ISOTHIAZOLONES IN AQUEOUS THE DOW CO COMPOSITIONS COMPANY STABILIZATION OF ISOTHIAZOLONES IN AQUEOUS THE DOW CO COMPOSITIONS COMPANY AIR DECONTAMINATION AND STERILIZATION THE DOW CO MACHINE COMPANY AIR DECONTAMINATION MACHINE COMPANY AIR DECONTAMINATION MACHINE WITH	05/01/2015 112016025623-9  HEMICAL  05/01/2015 201580024211.1 106455570  HEMICAL  05/01/2015 15724420.3 3143109  HEMICAL  05/01/2015 2016-565697 2017-515818  HEMICAL  05/01/2015 15/310515 2017-0167444  HEMICAL  09/21/2009 1166763 1166763-0001 10/30/2009 001166763-0001
76251-CN-PCT China  European 76251-EP-EPT Procedure (Pat 76251-JP-PCT Japan  United States C	ISOTHIAZOLONES IN AQUEOUS THE DOW CO COMPOSITIONS COMPANY STABILIZATION OF ISOTHIAZOLONES IN AQUEOUS THE DOW CO COMPOSITIONS COMPANY STABILIZATION OF ISOTHIAZOLONES IN AQUEOUS THE DOW CO COMPOSITIONS COMPANY STABILIZATION OF ISOTHIAZOLONES IN AQUEOUS THE DOW CO COMPOSITIONS COMPANY STABILIZATION OF ISOTHIAZOLONES IN AQUEOUS THE DOW CO COMPOSITIONS COMPANY STABILIZATION OF ISOTHIAZOLONES IN F AQUEOUS THE DOW CO COMPOSITIONS COMPANY AIR DECONTAMINATION AND STERILIZATION THE DOW CO IMACHINE AIR DECONTAMINATION MACHINE AIR DECONTAMINATION MACHINE MACHINE WITH F REMOVABLE COMPANY THE DOW CO COMPANY T	05/01/2015 112016025623-9  HEMICAL  05/01/2015 201580024211.1 106455570  HEMICAL  05/01/2015 15724420.3 3143109  HEMICAL  05/01/2015 2016-565697 2017-515818  HEMICAL  05/01/2015 15/310515 2017-0167444  HEMICAL  09/21/2009 1166763 1166763-0001 10/30/2009 001166763-0001
76251-CN-PCT China  European 76251-EP-EPT Procedure (Pat  76251-JP-PCT Japan  United States C 76251-US-PCT America  76424-EM-D60 European Unio	ISOTHIAZOLONES IN AQUEOUS THE DOW CO COMPOSITIONS COMPANY STABILIZATION OF ISOTHIAZOLONES IN AQUEOUS THE DOW CO COMPOSITIONS COMPANY STABILIZATION OF ISOTHIAZOLONES IN AQUEOUS THE DOW CO COMPOSITIONS COMPANY STABILIZATION OF ISOTHIAZOLONES IN AQUEOUS THE DOW CO COMPOSITIONS COMPANY STABILIZATION OF ISOTHIAZOLONES IN AQUEOUS THE DOW CO COMPOSITIONS COMPANY AUEOUS THE DOW CO COMPOSITIONS COMPANY AIR DECONTAMINATION AND STERILIZATION THE DOW CO COMPOSITIONS COMPANY AIR DECONTAMINATION MACHINE COMPANY AIR DECONTAMINATION MACHINE THE DOW CO MACHINE THE DOW CO MACHINE THE DOW CO THE	05/01/2015 112016025623-9  HEMICAL  05/01/2015 201580024211.1 106455570  HEMICAL  05/01/2015 15724420.3 3143109  HEMICAL  05/01/2015 2016-565697 2017-515818  HEMICAL  05/01/2015 15/310515 2017-0107444  HEMICAL  09/21/2009 1166763 1166763-0001 10/30/2009 001166763-0001  HEMICAL  03/19/2010 29/357971 10/09/2012 D668750
76251-CN-PCT China  European 76251-EP-EPT Procedure (Pat  76251-JP-PCT Japan  United States C 76251-US-PCT America  76424-EM-D60 European Unio	ISOTHIAZOLONES IN AQUEOUS THE DOW COMPOSITIONS COMPANY STABILIZATION OF ISOTHIAZOLONES IN AQUEOUS THE DOW COMPANY STABILIZATION OF ISOTHIAZOLONES IN AQUEOUS COMPANY STABILIZATION OF ISOTHIAZOLONES IN AQUEOUS THE DOW COMPANY AQUEOUS COMPANY THE DOW COMPANY AIR DECONTAMINATION AND STERILIZATION THE DOW COMPANY AIR DECONTAMINATION MACHINE COMPANY AIR DECONTAMINATION MACHINE WITH REMOVABLE THE DOW COMPANY PRODUCE DECONTAMINATION THE DOW COMPANY	05/01/2015 112016025623-9  HEMICAL  05/01/2015 201580024211.1 106455570  HEMICAL  05/01/2015 15724420.3 3143109  HEMICAL  05/01/2015 2016-565697 2017-515818  HEMICAL  05/01/2015 15/310515 2017-0107444  HEMICAL  09/21/2009 1166763 1166763-0001 10/30/2009 001166763-0001  HEMICAL  03/19/2010 29/357971 10/09/2012 D668750
76251-CN-PCT China  European 76251-EP-EPT Procedure (Pat 76251-JP-PCT Japan  United States C 76251-US-PCT America  76424-EM-D60 European Unio  United States C 76424-US-DP America	ISOTHIAZOLONES IN AQUEOUS THE DOW CO COMPOSITIONS COMPANY STABILIZATION OF ISOTHIAZOLONES IN AQUEOUS THE DOW CO COMPOSITIONS COMPANY STABILIZATION OF ISOTHIAZOLONES IN AQUEOUS THE DOW CO ISOTHIAZOLONES IN AQUEOUS THE DOW CO COMPOSITIONS COMPANY STABILIZATION OF ISOTHIAZOLONES IN AQUEOUS THE DOW CO COMPOSITIONS COMPANY STABILIZATION OF ISOTHIAZOLONES IN AQUEOUS THE DOW CO COMPOSITIONS COMPANY AIR DECONTAMINATION AND STERILIZATION AND STERILIZATION AND STERILIZATION AND STERILIZATION AND STERILIZATION AND STERILIZATION THE DOW CO COMPANY AIR DECONTAMINATION MACHINE WITH REMOVABLE COMPANY PRODUCE DECONTAMINATION THE DOW CO COMPANY PRODUCE DECONTAMINATION THE DOW CO COMPANY PRODUCE DECONTAMINATION THE DOW CO COMPANY THE DOW CO CO	O5/01/2015 112016025623-9   O5/01/2015 201580024211.1   106455570   O5/01/2015 15724420.3   3143109   O5/01/2015 2016-565697   2017-515818   O5/01/2015 15/310515   2017-0107444   O5/01/2015 15/310515   2017-0107444   O9/21/2009 1166763   O9/21/2009 1166763

STERILISATION WITH OZONE, HUMIDITY	1
AND UNSATURATED	
76426-DE-EPA Germany COMPOUND	COMPANY 07/19/2004 04254326.4 1500404 03/16/2011 1500404
STERILISATION WITH	<del>1</del>
OZONE, HUMIDITY AND HINSATURATER	THE DOW CHEMICAL
76426-FR-EPA France COMPOUND	COMPANY 07/19/2004 04254326.4 1500404 03/16/2011 1500404
STERILISATION WITH	4
OZONE, HUMIDITY	'
AND UNSATURATED	
76426-GB-EPA United Kingdom COMPOUND	COMPANY 07/19/2004 04254326.4 1500404 03/16/2011 1500404
IMPROVEMENTS IN	
AND RELATING TO STERILISATION AND	THE DOW CHEMICAL
76426-GB-NP[2] United Kingdom DECONTAMINATION	N COMPANY 07/19/2004 0416030.5 2404152 08/08/2006 2404152
STERILISATION WITH	4
OZONE, HUMIDITY	
AND UNSATURATED 76426-PL-EPA Poland COMPOUND	THE DOW CHEMICAL 07/19/2004 04254326.4 1500404 03/16/2011 1500404
United States Of STERILIZATION AND 76426-US-NP America DECONTAMINATION	
IMPROVEMENTS IN AND RELATING TO	
STERILISATION	
AND/OR 76427-GB-NP United Kingdom DECONTAMINATIOI	THE DOW CHEMICAL 03/12/2009 0904262.3 2468517 02/11/2014 2468517
70427-00-WI Office Kingdom Decontration	V - COMMENNA : 03/12/2003 0304202.3 2406317 02/11/2014 2406317
IMPROVEMENTS IN AND RELATING TO	
STERILISATION	
AND/OR 76429-GB-NP United Kingdom DECONTAMINATION	THE DOW CHEMICAL 03/12/2009 0904266.4 2468519 12/16/2013 2468519
STERILISATION	N COMPANY 03/12/2009 0904266.4 2468519 12/16/2013 2468519
AND/OR DECONTAMINATION	u .
OF AN ENCLOSED	THE DOW CHEMICAL
76429-JP-PCT Japan ENVIRONMENT STERILISATION	COMPANY 03/12/2010 2011-553520 2012-520104 10/02/2015 5815415
AND/OR	
DECONTAMINATION	
OF AN ENCLOSED 76429-KR-PCT SOUTH KOREA ENVIRONMENT	THE DOW CHEMICAL  COMPANY 03/12/2010 10-2011-7023751 10-2012-0004: 09/12/2016 10-1658401
STERILIZATION AND	
DECONTAMINATIOI OF AN ENCLOSED	n The DOW Chemical
76430-CN-PCT China ENVIRONMENT	COMPANY 03/12/2010 201080020367.X 102421457 11/12/2014 20108002036.X
STERILIZATION AND DECONTAMINATION	
OF AN ENCLOSED	THE DOW CHEMICAL
76430-DE-EPT Germany ENVIRONMENT STERILIZATION AND	COMPANY 03/12/2010 10723727.3 2405948 04/27/2016 602010032825.2
DECONTAMINATION	
Furopean OF AN ENCLOSED 76430-EP-EPT Procedure (Patents) ENVIRONMENT	THE DOW CHEMICAL COMPANY 03/12/2010 10723727.3 2405948 04/27/2016 2405948
STERILIZATION AND	
DECONTAMINATION OF AN ENCLOSED	N THE DOW CHEMICAL
76430-ES-EPT Spain ENVIRONMENT	COMPANY 03/12/2010 10723727.3 2405948 04/27/2015 2405948
STERILIZATION AND DECONTAMINATIOI	***************************************
OF AN ENCLOSED	THE DOW CHEMICAL
76430-FR-EPT France ENVIRONMENT STERILIZATION AND	COMPANY 03/12/2010 10723727.3 2405948 04/27/2016 2405948
DECONTAMINATIO	V
OF AN ENCLOSED 76430-GB-EPT United Kingdom ENVIRONMENT	THE DOW CHEMICAL  COMPANY 03/12/2010 10723727.3 2405948 04/27/2016 2405948
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		IMPROVEMENTS IN					
		AND RELATING TO STERILISATION AND	THE DOW CHEMICAL				
76430-GB-NP	United Kingdom	DECONTAMINATION	COMPANY	03/12/2009 (	0904269.8	2468641	12/16/2013 2468641
	_						
		IMPROVEMENTS IN					
		AND RELATING TO STERILISATION AND	THE DOW CHEMICAL				
76430-GB-NP[2]	United Kingdom	DECONTAMINATION		03/12/2009 (	0904272.2	2468520	12/16/2013 2468520
	······	STERILIZATION AND					
		DECONTAMINATION					
76420 HV EDD	Hong Kong	OF AN ENCLOSED ENVIRONMENT	THE DOW CHEMICAL COMPANY	03/12/2010	13100761 /	1169048	11/27/2015 1169048
76430-HK-FPR	Holig Kolig	STERILIZATION AND	COMPANT	03/12/2010 .	12109761.4	1109048	11/2//2015 1109048
		DECONTAMINATION					
		OF AN ENCLOSED	THE DOW CHEMICAL				
76430-JP-PCT	Japan	ENVIRONMENT	COMPANY	03/12/2010	2011-553519	2012-520103	11/07/2014 5642717
		STERILIZATION AND DECONTAMINATION					
		OF AN ENCLOSED	THE DOW CHEMICAL				
76430-KR-PCT	SOUTH KOREA	ENVIRONMENT	COMPANY	03/12/2010	10-2011-7023750	10-2012-00075	12/21/2016 1690084
		STERILIZATION AND					
		DECONTAMINATION OF AN ENCLOSED	THE DOW CHEMICAL				
76430-PL-EPT	Poland	ENVIRONMENT	COMPANY	03/12/2010	10723727.3	2405948	04/27/2016 2405948
		STERILIZATION AND		***************************************			
		DECONTAMINATION					
76430-TR-EPT	Turkey	OF AN ENCLOSED ENVIRONMENT	THE DOW CHEMICAL COMPANY	03/12/2010	10772777 2	2405948	04/27/2016 2405948
70430-11X-EF1	Turkey	STERILIZATION AND	COMICAGE	03/12/2010 .	10/23/27.3	2403348	04/27/2010 2403348
		DECONTAMINATION					
	United States Of	of an enclosed	THE DOW CHEMICAL				
76430-US-PCT	America	ENVIRONMENT	COMPANY	03/12/2010	13/256066	2012-0063949	11/17/2015 9186428
76431-DE-EPT	Germany	OZONE GENERATOR DEVICE	THE DOW CHEMICAL COMPANY	09/07/2010	10763392.7	2475402	11/11/2015 602010019721.2
70.02.02.2.			THE DOW CHEMICAL	05,07,2020	20,000321,	27/3702	11,11,2013 002010013,2112
76431-ES-EPT	Spain	DEVICE	COMPANY	09/07/2010	10763392.7	2475402	11/11/2015 2475402
76424 ED EDT	F			00/07/2040	10752202 7	2475402	44 /44 /2045 2475402
76431-FR-EPT	France	DEVICE OZONE GENERATOR	COMPANY THE DOW CHEMICAL	09/07/2010	10/63392./	2475402	11/11/2015 2475402
76431-GB-EPT	United Kingdom	DEVICE	COMPANY	09/07/2010	10763392.7	2475402	11/11/2015 2475402
			THE DOW CHEMICAL				
76431-IN-PCT	India	DEVICE	COMPANY	09/07/2010	3032/CHENP/2012		06/06/2018 297457
76431-JP-PCT	Japan	OZONE GENERATOR DEVICE	THE DOW CHEMICAL COMPANY	09/07/2010	2012-528442		09/11/2015 5805642
		OZONE GENERATOR	THE DOW CHEMICAL				
76431-KR-PCT	SOUTH KOREA	DEVICE	COMPANY	09/07/2010	10-2012-7008845	10-2012-0059€	02/14/2018 1831441
76431-PL-EPT	Poland	OZONE GENERATOR DEVICE	THE DOW CHEMICAL COMPANY	09/07/2010	10762202 7	2475402	447447304E 347E463
ACHSTORECERT	CISHA		THE DOW CHEMICAL	u2/U1/2010	ro, 0335Z.7	-417HDZ	11/11/2015 2475402
76431-TR-EPT	Turkey	DEVICE	COMPANY	09/07/2010	10763392.7	2475402	11/11/2015 2475402
	United States Of		THE DOW CHEMICAL	22022			
76431-US-PCD	America United States Of	OZONE GENERATOR	COMPANY THE DOW CHEMICAL	06/01/2015	14/727147		05/22/2018 9975770
76431-US-PCT	America	DEVICE GENERATOR	COMPANY	09/07/2010	13/394581	2012-0230879	07/14/2015 9078941
		A STERLISATION AND					
76432-DE-EPT	Germany	DECONTAMINATION DEVICE	THE DOW CHEMICAL COMPANY	09/07/2010	10762202 5	2475403	11/11/2015 602010019722.0
A OTHER DESERVE		m - XTM		- Jay Cary 2011		e-reards	
		A STERLISATION AND					
76422 72	Constr		THE DOW CHEMICAL	00/0=/0	10752205 -	0.475.400	44/44/2045 2:55
76432-ES-EPT	Spain	DEVICE	COMPANY	09/07/2010	10/63393.5	2475403	11/11/2015 2475403
		A STERLISATION AND					
			THE DOW CHEMICAL				
76432-FR-EPT	France	DEVICE	COMPANY	09/07/2010	10763393.5	2475403	11/11/2015 2475403
		A STERLISATION AND					
			THE DOW CHEMICAL				
76432-GB-EPT	United Kingdom	DEVICE	COMPANY	09/07/2010	10763393.5	2475403	11/11/2015 2475403

76432-IP-PCT Japan	A STERLISATION AND DECONTAMINATION DEVICE		2012-528443	04/24/2015 5734983
	A STERLISATION AND			
76432-KR-PCT SOUTH KOREA	DECONTAMINATION DEVICE		10-2012-7008830 10-2012	2-0059€ 10/27/2017 10-1793117
	A STERLISATION AND			
76432-PL-EPT Poland	DECONTAMINATION DEVICE	THE DOW CHEMICAL COMPANY 09/07/2010	10763393.5 247540	3 11/11/2015 2475403
76432-TR-EPT Turkey	A STERLISATION AND DECONTAMINATION DEVICE	THE DOW CHEMICAL COMPANY 09/07/2010	10763393.5 247540	3 11/11/2015 2475403
	A STERLISATION AND			
United States Of 76432-US-PCD America	DECONTAMINATION DEVICE	THE DOW CHEMICAL COMPANY 03/10/2015	14/642994 2015-0	182649 06/28/2016 9375500
	A STERLISATION AND			
United States Of 76432-US-PCT America	DECONTAMINATION DEVICE	THE DOW CHEMICAL COMPANY 09/07/2010	13/394607 2012-02	230880 04/21/2015 9011787
	A STERILISATION AND			, ,
76433-CN-PCT China	DECONTAMINATION DEVICE		201080031634.3 102458	486 12/16/2015 201080031634.3
/DH35*GIVECT CHINA	A STERILISATION	COMFAIL 03/15/2010	5010000310343 105430	480 12/10/2013 201000031034.3
	AND DECONTAMINATION			
76433-JP-PCT Japan	DEVICE A STERILISATION	COMPANY 05/19/2010	2012-511338	01/09/2015 5678039
	AND DECONTAMINATION	THE DOW CHEMICAL		
76433-KR-PCT SOUTH KOREA	DEVICE		10-2011-7030611 10-201	2-00248 08/09/2017 10-1768497
	A STERILISATION AND			
United States Of 76433-US-PCT America	DECONTAMINATION DEVICE		13/321589 2012-00	076702 07/07/2015 9072804
United States Of 76433-US-PCT America	DEVICE OZONE	THE DOW CHEMICAL COMPANY 05/19/2010	13/321589 2012-00	076702 07/07/2015 9072804
	DEVICE OZONE DECOMPOSITION CATALYST FOR USE		13/321589 2012-00	076702 07/07/2015 9072804
	DEVICE OZONE DECOMPOSITION		13/321589 2012-00	076702 07/07/2015 9072804
	DEVICE OZONE DECOMPOSITION CATALYST FOR USE IN A STERILISATION AND/OR DECONTAMINATION	COMPANY 05/19/2010		
76433-US-PCT America  European	DEVICE OZONE DECOMPOSITION CATALYST FOR USE IN A STERILISATION AND/OR DECONTAMINATION PROCESS IMPROVEMENTS IN	COMPANY 05/19/2010 THE DOW CHEMICAL		
76433-US-PCT America  European	DEVICE OZONE DECOMPOSITION CATALYST FOR USE IN A STERILISATION AND/OR DECONTAMINATION ) PROCESS  IMPROVEMENTS IN AND RELATING TO STERLISATION	THE DOW CHEMICAL COMPANY 11/17/2011		
76433-US-PCT America  European	DEVICE OZONE DECOMPOSITION CATALYST FOR USE IN A STERILISATION AND/OR DECONTAMINATION ) PROCESS  IMPROVEMENTS IN AND RELATING TO STERLISATION AND/OR DECONTAMINATION	THE DOW CHEMICAL COMPANY 11/17/2011 THE DOW CHEMICAL	11808243,7 264051	0
76433-US-PCT America  European 76434-EP-EPT Procedure (Patents	DEVICE OZONE DECOMPOSITION CATALYST FOR USE IN A STERILISATION AND/OR DECONTAMINATION ) PROCESS  IMPROVEMENTS IN AND RELATING TO STERLISATION AND/OR	THE DOW CHEMICAL COMPANY 11/17/2011 THE DOW CHEMICAL	11808243,7 264051	0
76433-US-PCT America  European 76434-EP-EPT Procedure (Patents	DEVICE OZONE DECOMPOSITION CATALYST FOR USE IN A STERILISATION AND/OR DECONTAMINATION ) PROCESS  IMPROVEMENTS IN AND RELATING TO STERLISATION AND/OR DECONTAMINATION PROCESS AND	THE DOW CHEMICAL COMPANY 11/17/2011 THE DOW CHEMICAL	11808243,7 264051	0
76433-US-PCT America  European 76434-EP-EPT Procedure (Patents  76435-GB-NP United Kingdom	DEVICE OZONE DECOMPOSITION CATALYST FOR USE IN A STERILISATION AND/OR DECONTAMINATION ) PROCESS  IMPROVEMENTS IN AND RELATING TO STERLISATION AND/OR DECONTAMINATION PROCESS AND DEVICE FOR STERILISATION AND DECONTAMINATION OF AN	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  O9/14/2010  THE DOW CHEMICAL	11808243.7 264051 1015296.5 248365	0 2 12/09/2015 2483652
76433-US-PCT America  European 76434-EP-EPT Procedure (Patents	DEVICE OZONE DECOMPOSITION CATALYST FOR USE IN A STERILISATION AND/OR DECONTAMINATION ) PROCESS  IMPROVEMENTS IN AND RELATING TO STERLISATION AND/OR DECONTAMINATION PROCESS AND DEVICE FOR STERILISATION AND DECONTAMINATION OF AN ENVIRONMENT SYNERGISTIC	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  O9/14/2010  THE DOW CHEMICAL COMPANY  O8/11/2011	11808243.7 264051 1015296.5 248365	0 2 12/09/2015 2483652
76433-US-PCT America  European 76434-EP-EPT Procedure (Patents  76435-GB-NP United Kingdom	DEVICE OZONE DECOMPOSITION CATALYST FOR USE IN A STERILISATION AND/OR DECONTAMINATION ) PROCESS  IMPROVEMENTS IN AND RELATING TO STERLISATION AND/OR DECONTAMINATION PROCESS AND DEVICE FOR STERILISATION AND DECONTAMINATION OF AN ENVIRONMENT SYNERGISTIC ANTIMICROBIAL COMPOSITION	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  O9/14/2010  THE DOW CHEMICAL COMPANY  O8/11/2011  THE DOW CHEMICAL COMPANY  O8/11/2011	11808243.7 264051 1015296.5 248365	0 2 12/09/2015 2483652
76433-US-PCT America  European 76434-EP-EPT Procedure (Patents)  76435-GB-NP United Kingdom	DEVICE OZONE DECOMPOSITION CATALYST FOR USE IN A STERILISATION AND/OR DECONTAMINATION ) PROCESS  IMPROVEMENTS IN AND RELATING TO STERLISATION AND/OR DECONTAMINATION PROCESS AND DEVICE FOR STERILISATION AND DECONTAMINATION OF AN ENVIRONMENT SYNERGISTIC ANTIMICROBIAL	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  O9/14/2010  THE DOW CHEMICAL COMPANY  O8/11/2011  THE DOW CHEMICAL COMPANY  O8/11/2011	11808243.7 264051 1015296.5 248365 1113840.1 249354	0 2 12/09/2015 2483652
76433-US-PCT America  European 76434-EP-EPT Procedure (Patents)  76435-GB-NP United Kingdom	DEVICE OZONE DECOMPOSITION CATALYST FOR USE IN A STERILISATION AND/OR DECONTAMINATION ) PROCESS  IMPROVEMENTS IN AND RELATING TO STERLISATION AND/OR DECONTAMINATION PROCESS AND DEVICE FOR STERILISATION AND DECONTAMINATION OF AN ENVIRONMENT SYNERGISTIC ANTIMICROBIAL COMPOSITION SYNERGISTIC	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  09/14/2010  THE DOW CHEMICAL COMPANY  08/11/2011  THE DOW CHEMICAL COMPANY  07/15/2015  THE DOW CHEMICAL	11808243.7 264051 1015296.5 248365 1113840.1 249354	0 2 12/09/2015 2483652
Furopean 76434-EP-EPT Procedure (Patents  76434-EP-EPT United Kingdom  76436-GB-NP United Kingdom  76462-AR-NP Argentina	DEVICE OZONE DECOMPOSITION CATALYST FOR USE IN A STERILISATION AND/OR DECONTAMINATION ) PROCESS  IMPROVEMENTS IN AND RELATING TO STERLISATION AND/OR DECONTAMINATION PROCESS AND DEVICE FOR STERILISATION AND DECONTAMINATION OF AN ENVIRONMENT SYNERGISTIC ANTIMICROBIAL COMPOSITION SYNERGISTIC ANTIMICROBIAL	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  O9/14/2010  THE DOW CHEMICAL COMPANY  O7/15/2015  THE DOW CHEMICAL COMPANY  O7/23/2015  THE DOW CHEMICAL COMPANY  O7/23/2015	11808243.7 264051  1015296.5 248365  1113840.1 249354  P150102251 101211  2015298228	0 2 12/09/2015 2483652
76433-US-PCT America  European 76434-EP-EPT Procedure (Patents)  76435-GB-NP United Kingdom  76436-GB-NP United Kingdom	DEVICE OZONE DECOMPOSITION CATALYST FOR USE IN A STERILISATION AND/OR DECONTAMINATION ) PROCESS  IMPROVEMENTS IN AND RELATING TO STERLISATION AND/OR DECONTAMINATION PROCESS AND DEVICE FOR STERILISATION AND DECONTAMINATION OF AN ENVIRONMENT SYNERGISTIC ANTIMICROBIAL COMPOSITION SYNERGISTIC	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  O9/14/2010  THE DOW CHEMICAL COMPANY  O8/11/2011  THE DOW CHEMICAL COMPANY  O7/15/2015  THE DOW CHEMICAL COMPANY  O7/23/2015  THE DOW CHEMICAL COMPANY  O7/23/2015	11808243.7 264051 1015296.5 248365 1113840.1 249354 P150102251 101211	0 2 12/09/2015 2483652
Furopean 76434-EP-EPT Procedure (Patents  76434-EP-EPT United Kingdom  76436-GB-NP United Kingdom  76462-AR-NP Argentina	DEVICE OZONE DECOMPOSITION CATALYST FOR USE IN A STERILISATION AND/OR DECONTAMINATION ) PROCESS  IMPROVEMENTS IN AND RELATING TO STERLISATION AND/OR DECONTAMINATION PROCESS AND DEVICE FOR STERILISATION AND DECONTAMINATION OF AN ENVIRONMENT SYNERGISTIC ANTIMICROBIAL COMPOSITION	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  O9/14/2010  THE DOW CHEMICAL COMPANY  O7/15/2015  THE DOW CHEMICAL COMPANY  O7/23/2015  THE DOW CHEMICAL COMPANY  O7/23/2015	11808243.7 264051 1015296.5 248365 1113840.1 249354 P150102251 101211 2015298228 112017001230-8	0 2 12/09/2015 2483652
76433-US-PCT America  European 76434-EP-EPT Procedure {Patents}  76435-GB-NP United Kingdom  76436-GB-NP Argentina  76462-AU-PCT Australia  76462-BR-PCT Brazil	DEVICE OZONE DECOMPOSITION CATALYST FOR USE IN A STERILISATION AND/OR DECONTAMINATION ) PROCESS  IMPROVEMENTS IN AND RELATING TO STERLISATION AND/OR DECONTAMINATION PROCESS AND DEVICE FOR STERILISATION AND DEVICE FOR STERILISATION AND DECONTAMINATION OF AN ENVIRONMENT SYNERGISTIC ANTIMICROBIAL COMPOSITION	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  O9/14/2010  THE DOW CHEMICAL COMPANY  O8/11/2011  THE DOW CHEMICAL COMPANY  O7/15/2015  THE DOW CHEMICAL COMPANY  O7/23/2015  THE DOW CHEMICAL COMPANY  O7/23/2015  THE DOW CHEMICAL COMPANY  O7/23/2015  THE DOW CHEMICAL COMPANY  O7/23/2015	11808243.7 264051 1015296.5 248365 1113840.1 249354 P150102251 101211 2015298228 112017001230-8	0 2 12/09/2015 2483652

	SYNERGISTIC					
European	ANTIMICROBIAL	THE DOW CHEMICAL				
76462-EP-EPT Procedure (Patents	SYNERGISTION SYNERGISTIC	COMPANY	07/23/2015	15747322.4	3174396	
Gulf Cooperation	ANTIMICROBIAL	THE DOW CHEMICAL				
76462-GC-GCP Council	COMPOSITION	COMPANY	07/09/2015	2015-29712		
	SYNERGISTIC	THE MOUNT CHESTON				
76462-IN-PCT India	ANTIMICROBIAL COMPOSITION	THE DOW CHEMICAL COMPANY	07/23/2015	201717006335	201717006335	
	SYNERGISTIC			***********		
	ANTIMICROBIAL	THE DOW CHEMICAL				
76462-MX-PCT Mexico	COMPOSITION SYNERGISTIC	COMPANY	07/23/2015	MX/a/2017/000808		
	ANTIMICROBIAL	THE DOW CHEMICAL				
76462-RU-PCT Russian Federation		COMPANY	07/23/2015	2017106015		
United States Of	SYNERGISTIC ANTIMICROBIAL	THE DOW CHEMICAL				
76462-US-PCT America	COMPOSITION	COMPANY	07/23/2015	15/329652	2017-0208799	
	METHOD FOR					
	TREATING FOOD	THE DOWN CHEMICAL				
76654-AR-NP Argentina	SURFACES WITH BACTERIOPHAGES	THE DOW CHEMICAL COMPANY	07/02/2015	P150102125	101096	
<del>-</del>	METHOD FOR					
	TREATING FOOD					
76655-AR-NP Argentina	SURFACES WITH AMINO ACID ESTERS	THE DOW CHEMICAL	07/02/2015	P150102126	101097	
7003 AICHT AIGEITAIG	METHOD FOR	COMMINA	07/02/2013	1 130102120	101037	
	TREATING FOOD					
76655-DE-EPT Germany	SURFACES WITH AMINO ACID ESTERS	THE DOW CHEMICAL	07/06/2015	16720420 6	3169168	04/11/2018 602015009940.0
76655-DE-EPT Germany	METHOD FOR	CONFAIL	01/00/2013	13/33433.0	3103100	04/11/2016 :002013003940.0
	TREATING FOOD					
European	SURFACES WITH	THE DOW CHEMICAL	07/06/2015	45720420.6	24 004 00	04/44/2040 2450450
76655-EP-EPT Procedure (Patents	<ul> <li>AMINO ACID ESTERS</li> <li>METHOD FOR</li> </ul>	COMPANY	07/06/2015	15/39439.6	3169168	04/11/2018 3169168
	TREATING FOOD					
	SURFACES WITH	THE DOW CHEMICAL				
76655-GB-EPT United Kingdom	AMINO ACID ESTERS METHOD FOR	COMPANY	07/06/2015	15739439.6	3169168	04/11/2018 3169168
	TREATING FOOD					
United States Of	SURFACES WITH	THE DOW CHEMICAL				
76655-US-PCT America	AMINO ACID ESTERS METHOD FOR	COMPANY	01/12/2017	15/325759	2017-0135358	
	TREATING FOOD					
	SURFACES WITH					
76667-AR-NP Argentina	ANTIMICROBIAL ACIDS	THE DOW CHEMICAL COMPANY	07/02/2016	#1F0103137	101009	
76667-AR-NP Argentina	METHOD FOR	COMPANT	07/02/2015	k120105151	101098	
	TREATING FOOD					
	SURFACES WITH					
76667-DE-EPT Germany	ANTIMICROBIAL ACIDS	THE DOW CHEMICAL COMPANY	07/06/2015	15739441 2	3169169	04/18/2018 602015010195.2
See Sermany	METHOD FOR		5.,50,2013		5105105	2., 23, 2313 332013010133.2
	TREATING FOOD					
European	SURFACES WITH ANTIMICROBIAL	THE DOW CHEMICAL				
76667-EP-EPT Procedure (Patents		COMPANY	07/06/2015	15739441.2	3169169	04/18/2018 3169169
	METHOD FOR					
	TREATING FOOD SURFACES WITH					
	ANTIMICROBIAL	THE DOW CHEMICAL				
76667-FR-EPT France	ACIDS	COMPANY	07/06/2015	15739441.2	3169169	04/18/2018 3169169
	METHOD FOR					
	TREATING FOOD SURFACES WITH					
	ANTIMICROBIAL	THE DOW CHEMICAL				
76667-G8-EPT United Kingdom	ACIDS	COMPANY	07/06/2015	15739441.2	3169169	04/18/2018 3169169
	METHOD FOR TREATING FOOD					
	SURFACES WITH					
United States Of	ANTIMICROBIAL	THE DOW CHEMICAL	A4 (** (* * *	4=100.455		
76667-US-PCT America	ACIDS	COMPANY	01/09/2017	15/324824	2017-0215441	

		METHOD FOR			
		TREATING FOOD			
		SURFACES WITH	THE DOW CHEMICAL		
76668-AR-NP	Argentina	PEPTIDES	COMPANY	07/02/2015 P150102128	101099
		METHOD FOR TREATING FOOD			
		SURFACES WITH			
		QUATERNARY	THE DOW CHEMICAL		
76669-AR-NP	Argentina		COMPANY	07/02/2015 P150102129	101100
		METHOD FOR TREATING FOOD			
		SURFACES WITH			
	European	QUATERNARY	THE DOW CHEMICAL		
76669-EP-EPT	Procedure (Patents)	AMMONIUM SALTS METHOD FOR	COMPANY	07/06/2015 15742160.3	3169685
		TREATING FOOD			
		SURFACES WITH			
70000 110 007	United States Of	QUATERNARY	THE DOW CHEMICAL	04 440 40047 45 4005704	2017 0175000
76669-US-PCT	America	AMMONIUM SALTS MICROBICIDAL	COMPANY THE DOW CHEMICAL	01/12/2017 15/325761	2017-0156380
76844-AR-NP[2]	Argentina	COMPOSITION	COMPANY	03/18/2016 20160100732	
		MICROBICIDAL	THE DOW CHEMICAL		
76844-AU-PCT	Australia	COMPOSITION MICROBICIDAL	COMPANY	02/24/2016 2016391882	
76844-BR-PCT	Brazil	COMPOSITION	THE DOW CHEMICAL COMPANY	02/24/2016 1120180150088	
		MICROBICIDAL	THE DOW CHEMICAL		
76844-CA-PCT	Canada	COMPOSITION	COMPANY	02/24/2016 PCT/US16/019268	
76944 CN DCT	China	MICROBICIDAL COMPOSITION	THE DOW CHEMICAL COMPANY	02/24/2016 201680079715.8	
76844-CN-PCT	Cimia	COMPOSITION	CONTAIN	02/24/2010 2010800/3/13.6	
	European	MICROBICIDAL	THE DOW CHEMICAL		
76844-EP-EPT	Procedure (Patents)		COMPANY	02/24/2016 16709867.2	
76844-GC-GCD[2]	Gulf Cooperation	MICROBICIDAL COMPOSITION	THE DOW CHEMICAL COMPANY	09/05/2018 2016-35948	
70044-00-000[2]	Gulf Cooperation		THE DOW CHEMICAL	03/03/2010 2010 30346	
76844-GC-GCP[2]	Council	COMPOSITION	COMPANY	03/30/2016 2016-31081	
76944 ID DET	Indonesia	MICROBICIDAL COMPOSITION	THE DOW CHEMICAL COMPANY	03/34/3046 DID301006633	
76844-ID-PCT	muonesia	MICROBICIDAL	THE DOW CHEMICAL	02/24/2016 PID201806623	
76844-IN-PCT	India	COMPOSITION	COMPANY	02/24/2016 201817031781	
		MICROBICIDAL	THE DOW CHEMICAL	AA /A - /AA / A	
76844-MX-PCT	Mexico	COMPOSITION MICROBICIDAL	COMPANY THE DOW CHEMICAL	02/24/2016 MX/A/18/009429	
76844-RU-PCT	Russian Federation		COMPANY	02/24/2016 2018130105	
	United States Of	MICROBICIDAL	THE DOW CHEMICAL		
76844-US-NP	America	COMPOSITION	COMPANY THE DOW CHEMICAL	02/05/2016 15/016684	2017-0223953
76844-US-PCT	United States Of America	MICROBICIDAL COMPOSITION	COMPANY	02/24/2016 16/067835	
	International	MICROBICIDAL	THE DOW CHEMICAL		
76844-WO-PCT	Procedure	COMPOSITION	COMPANY	02/24/2016 PCT/US16/019268	WO/2017/135974
77308-CN-PCT	China	MICROBICIDAL COMPOSITION	THE DOW CHEMICAL COMPANY	05/25/2016 201680029855.4	108064130
,,365 cit i ci	Simu.	MICROBICIDAL	THE DOW CHEMICAL	03,23,2010 20100023033	1888-188
77308-JP-PCT	Japan	COMPOSITION	COMPANY	05/25/2016 2017-561776	
77308-US-PCT	United States Of America	MICROBICIDAL COMPOSITION	THE DOW CHEMICAL COMPANY	05/25/2016 15/565762	2018-0116216
77308-03-FCI	International	MICROBICIDAL	THE DOW CHEMICAL	03/23/2016 13/363/62	2010-0110210
77308-WO-PCT	Procedure	COMPOSITION	COMPANY	05/25/2016 PCT/US16/034079	WO/2016/196115
		METHOD FOR			
		MONITORING MICROBIOLOGICALLY			
		INDUCED			
	European	CORROSION ON	THE DOW CHEMICAL		
77318-EP-EPT	Procedure (Patents)	METAL SURFACES METHOD FOR	COMPANY	02/26/2016 16711060.0	3265778
		MONITORING			
		MICROBIOLOGICALLY			
	Outsides to Of	INDUCED	THE DOWN CLARACAL		
77318-US-PCT	United States Of America	CORROSION ON METAL SURFACES	THE DOW CHEMICAL COMPANY	02/26/2016 15/554043	2018-0024043
		······································	are and the second seco		

		METHOD FOR MONITORING	
		MICROBIOLOGICALLY	
	International	INDUCED CORROSION ON	THE DOW CHEMICAL
77318-WO-PCT	Procedure	METAL SURFACES	COMPANY 02/26/2016 PCT/US16/019671 WO/2016/144565
		CONTROLLED RELEASE	
		COMPOSITION	THE DOW CHEMICAL
77336-BR-PCT	Brazil		COMPANY 12/08/2015 112017011939-0
		CONTROLLED RELEASE	
		COMPOSITION	THE DOW CHEMICAL
77336-CL-PCT	Chile	CONTAINING DCOIT	COMPANY 12/08/2015 1399-2017
		RELEASE	
		COMPOSITION	THE DOW CHEMICAL
77336-CN-PCT	China	CONTAINING DCOIT CONTROLLED	COMPANY 12/08/2015 201580064214.8 107001817
		RELEASE	
77326 ID DOT	I	COMPOSITION	THE DOW CHEMICAL
77336-JP-PCT	Japan	CONTAINING DCOIT	COMPANY 12/08/2015 2017-529062 2018-505235
		RELEASE	
77336-KR-PCT	SOUTH KOREA	COMPOSITION CONTAINING DOOLT	THE DOW CHEMICAL COMPANY 12/08/2015 10-2017-7017533
crase in the		CONTROLLED	20mm
		RELEASE	
77336-US-PCT	United States Of America	COMPOSITION CONTAINING DCOIT	THE DOW CHEMICAL  COMPANY 12/08/2015 15/533234 2017-0362446
		STABILIZATION OF	,,
	United States Of	ISOTHIAZOLONES IN	THE DOW CHEMICAL
77337-US-PCT	America	AQUEOUS COMPOSITIONS	COMPANY 12/08/2015 15/531020 2017-0360033
		STABILIZATION OF	
	International	ISOTHIAZOLONES IN AQUEOUS	THE DOW CHEMICAL
77337-WO-PCT	Procedure	COMPOSITIONS	COMPANY 12/08/2015 PCT/US15/064370 WO/2016/099991
		MICROBICIDAL	THE DOW CHEMICAL
77409-AR-NP[2]	Argentina	COMPOSITION MICROBICIDAL	COMPANY 03/18/2016 20160100733 AR104021 THE DOW CHEMICAL
77409-AU-PCT	Australia	COMPOSITION	COMPANY 02/24/2016 2016391883
77400 BD DCT	Deseil	MICROBICIDAL COMPOSITION	THE DOW CHEMICAL COMPANY 02/24/2015 1120180148938
77409-BR-PCT	Brazil	MICROBICIDAL	COMPANY 02/24/2016 1120180148938 THE DOW CHEMICAL
77409-CA-PCT	Canada	COMPOSITION	COMPANY 02/24/2016 PCT/US16/019269
77409-CN-PCT	China	MICROBICIDAL COMPOSITION	THE DOW CHEMICAL COMPANY 02/24/2016: 201680079746.3
-00000000000000000000000000000000000000			
77409-EP-EPT	European Procedure (Patents)		THE DOW CHEMICAL 02/24/2016 16709209.7
77409-EF-EF1	Gulf Cooperation	MICROBICIDAL	THE DOW CHEMICAL
77409-GC-GCP[2]	Council	COMPOSITION	COMPANY 03/30/2016 2016-31082
77409-ID-PCT	Indonesia	MICROBICIDAL COMPOSITION	THE DOW CHEMICAL 02/24/2016 PID201806630
		MICROBICIDAL	THE DOW CHEMICAL
77409-IN-PCT	India	COMPOSITION MICROBICIDAL	COMPANY 02/24/2016: 201817031783
77409-MX-PCT	Mexico	COMPOSITION	THE DOW CHEMICAL  COMPANY 02/24/2016 MX/a/18/009431
		MICROBICIDAL	THE DOW CHEMICAL
77409-RU-PCT	Russian Federation United States Of	COMPOSITION MICROBICIDAL	COMPANY 02/24/2016 2018130116 THE DOW CHEMICAL
77409-US-NP	America	COMPOSITION	COMPANY 02/05/2016 15/016685 2017-0223954 10/10/2017 9781927
77400 HE BET	United States Of	MICROBICIDAL	THE DOW CHEMICAL COMPANY 01/14/2016 16/06/2836
77409-US-PCT	America International	COMPOSITION MICROBICIDAL	COMPANY 02/24/2016 16/067836 THE DOW CHEMICAL
77409-WO-PCT	Procedure	COMPOSITION	COMPANY 02/24/2016 PCT/US16/019269 WO/2017/135975
77410-AR-NP[2]	Argentina	MICROBICIDAL COMPOSITION	THE DOW CHEMICAL COMPANY 03/14/2016 20160100667 AR103922
// ASSERTMENT   Z	bemilia	MICROBICIDAL	THE DOW CHEMICAL
77410-AU-PCT	Australia	COMPOSITION	COMPANY 02/24/2016 2016391884
77410-BR-PCT	Brazil	MICROBICIDAL COMPOSITION	THE DOW CHEMICAL COMPANY 02/24/2016: 1120180151513
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77410-CA-PCT	Canada	MICROBICIDAL COMPOSITION	THE DOW CHEMICAL	02/24/2016 PCT	F/US16/010370		
77410-CA-PCT	China	MICROBICIDAL COMPOSITION	THE DOW CHEMICAL COMPANY	02/24/2016 PCT 02/24/2016 201			
	European	MICROBICIDAL	THE DOW CHEMICAL				
77410-EP-EPT	Procedure (Patents) Gulf Cooperation	COMPOSITION MICROBICIDAL	COMPANY THE DOW CHEMICAL	02/24/2016 168	389621.5		
77410-GC-GCP[2]	Council	COMPOSITION MICROBICIDAL	COMPANY THE DOW CHEMICAL	03/22/2016 201	16/31018		
77410-ID-PCT	Indonesia	COMPOSITION MICROBICIDAL	COMPANY THE DOW CHEMICAL	02/24/2016 PID	201806624		
77410-IN-PCT	India	COMPOSITION MICROBICIDAL	COMPANY THE DOW CHEMICAL	02/24/2016 201	1817032079		
77410-MX-PCT	Mexico	COMPOSITION MICROBICIDAL	COMPANY THE DOW CHEMICAL	02/24/2016 MX	/A/18/009432		
77410-RU-PCT	Russian Federation United States Of	COMPOSITION MICROBICIDAL	COMPANY THE DOW CHEMICAL	02/24/2016 201	18130125		
77410-US-NP	America United States Of	COMPOSITION MICROBICIDAL	COMPANY THE DOW CHEMICAL	02/05/2016 15/	016686	2017-0223955	10/10/2017 9781928
77410-US-PCT	America International	COMPOSITION MICROBICIDAL	COMPANY THE DOW CHEMICAL	02/24/2016 16/	067837		
77410-WO-PCT	Procedure	COMPOSITION SYNERGISTIC	COMPANY	02/24/2016 PCT	Γ/US16/019270	WO/2017/13597	6
77504 BB BCT	Bessil	ANTIMICROBIAL	THE DOW CHEMICAL COMPANY	02/10/2016 112	1047046704.7		
77594-BR-PCT	Brazil	COMPOSITION SYNERGISTIC	THE DOW CHEMICAL	02/19/2016 112	2017010724~7		
77594-CN-PCT	China	ANTIMICROBIAL COMPOSITION	COMPANY	02/19/2016 201	1680008326.6	107205384	
	European	SYNERGISTIC ANTIMICROBIAL	THE DOW CHEMICAL	00 40 4045 405	1007F4 F	2254425	
77594-EP-EPT	Procedure (Patents)	SYNERGISTIC	COMPANY	02/19/2016 167	/05/54.5	3261438	
77594-GC-GCP	Gulf Cooperation Council	ANTIMICROBIAL COMPOSITION	THE DOW CHEMICAL COMPANY	02/14/2016 P/2	2016/30864		
		SYNERGISTIC ANTIMICROBIAL	THE DOW CHEMICAL				
77594-JP-PCT	Japan	COMPOSITION SYNERGISTIC	COMPANY	02/19/2016 201	17-541593	2018-507845	
77594-US-PCT	United States Of America	ANTIMICROBIAL COMPOSITION	THE DOW CHEMICAL COMPANY	02/19/2016 15/	<b>/</b> 551440	2018-0042227	
	International	SYNERGISTIC ANTIMICROBIAL	THE DOW CHEMICAL				
77594-WO-PCT	Procedure	COMPOSITION IMPROVED WATER	COMPANY	02/19/2016 PCT	r/US16/018613	WO/2016/13783	U
77667-US-PCT	United States Of America	SOLUBLE PACKAGING	THE DOW CHEMICAL COMPANY	03/30/2016 15/	/561248	2018-0051145	08/21/2018 10053546
	International	IMPROVED WATER SOLUBLE	THE DOW CHEMICAL				
77667-WO-PCT	Procedure	PACKAGING PROCESS FOR	COMPANY	03/30/2016 PCT	T/US16/024853	WO/2016/16089	3
		REMEDIATING BIOFOULING IN					
	United States Of	WATER SYSTEMS WITH VIRULENT	THE DOW CHEMICAL				
77745-US-NP	America	BACTERIOPHAGE	COMPANY	03/24/2010 12/	731121	2010-0243563	08/14/2012 8241498
		PREVENTION AND REMEDIATION OF					
		PETROLEUM RESERVOIR SOURING					
		AND CORROSION BY TREATMENT WITH					
77746-US-CIP	United States Of America	VIRULENT BACTERIOPHAGE	THE DOW CHEMICAL COMPANY	10/22/2013 14/	⁷ 060297	2014-0061123	05/16/2017 9650272
		PREVENTION AND					
		REMEDIATION OF PETROLEUM					
		RESERVOIR SOURING AND CORROSION BY					
	United States Of	TREATMENT WITH VIRULENT	THE DOW CHEMICAL				
77746-US-DIV	America	BACTERIOPHAGE	COMPANY	02/24/2012 13/	/396444	2012-0168372	11/19/2013 8585899

		PREVENTION AND REMEDIATION OF						
		PETROLEUM RESERVOIR SOURING AND CORROSION BY						
77746-US-NP	United States Of America	TREATMENT WITH VIRULENT BACTERIOPHAGE	THE DOW CHEMICAL COMPANY	12/31/2010	12/983136	2011-0171719	05/01/2012 8168419	
	United States Of	PROCESS FOR CONTINUOUS PRODUCTION OF	THE DOW CHEMICAL					
77747-US-NP	America	BACTERIOPHAGE	COMPANY	07/01/2011	13/175511	2012-0040329	08/28/2012 8252519	550
		APPLICATION OF BACTERIOPHAGES						
		FOR THE CONTROL						
		OF UNWANTED						
		BACTERIA IN						
		BIOFUEL PRODUCTION						
		MEDIATED BY NON-						
	United States Of	BACTERIAL REACTIVE	THE DOW CHEMICAL					
77748-US-NP	America	AGENTS	COMPANY	05/07/2012	13/465700	2013-0149753	09/27/2016 9453247	
		STAGED BACTERIOPHAGE						
	United States Of	REMEDIATION OF	THE DOW CHEMICAL					
77749-US-NP		TARGET BACTERIA	COMPANY	10/17/2013	14/056808	2014-0273159	10/11/2016 9464267	
		METHOD FOR						
		CONTROLLED						
	United States Of	RELEASE OF ANTIMICROBIAL	THE DOW CHEMICAL					
77969-US-PC		COMPOUNDS	COMPANY	06/14/2016	15/580916			
		METHOD FOR						
		CONTROLLED						
	International	RELEASE OF ANTIMICROBIAL	THE DOW CHEMICAL					
77969-WO-P		COMPOUNDS	COMPANY	06/14/2016	PCT/US16/037323	WO/2016/20517	1	
		MICROBICIDAL	THE DOW CHEMICAL					
77978-CN-PC	T China	COMPOSITION	COMPANY	05/25/2016	201680028902.3	107979974		
77978-JP-PCT	Japan	MICROBICIDAL COMPOSITION	THE DOW CHEMICAL COMPANY	05/25/2016	2017-561347	2018-516251		
	United States Of	MICROBICIDAL	THE DOW CHEMICAL					
77978-US-PC		COMPOSITION	COMPANY	05/25/2016	15/565912	2018-0092360		
77978-WO-P	International CT Procedure	MICROBICIDAL COMPOSITION	THE DOW CHEMICAL COMPANY	05/25/2016	PCT/US16/034080	WO/2016/19611	6	
77570	51 Troccare	MICROBICIDAL	THE DOW CHEMICAL	05/25/2010	101,0310,034000	W6/2010/13011		
78047-AR-NP	Argentina	COMPOSITION	COMPANY	06/16/2016	20160101810	AR105031A1		
78047-AU-PC	T Australia	MICROBICIDAL COMPOSITION	THE DOW CHEMICAL COMPANY	06/21/2016	2016292502			
78047-40-FC	Australia	MICROBICIDAL	THE DOW CHEMICAL	00/21/2010	2010202332			
78047-BR-PC	T Brazil	COMPOSITION	COMPANY	06/21/2016	112017026365-3			
78047-CA-PC	T. Canada	MICROBICIDAL	THE DOW CHEMICAL COMPANY	00/21/2010	PCT/US16/038459			
78047-CA-PC	T Canada	COMPOSITION MICROBICIDAL	THE DOW CHEMICAL	00/21/2010	PC1/U310/U36439			8
78047-CN-PC	T China	COMPOSITION	COMPANY	06/21/2016	201680033046.0	107708418		
	_	* HODORIGIDAL	THE BOWN ONE WOOD					
78047-EP-EP1	European  Procedure (Patents)	MICROBICIDAL	THE DOW CHEMICAL COMPANY	06/21/2016	16734120 5	3313184		
70047 21 21	Gulf Cooperation	MICROBICIDAL	THE DOW CHEMICAL	00,21,2010	10,34120.3	3313104		8
78047-GC-NP	Council	COMPOSITION	COMPANY	06/15/2016	2016-31503			
78047-IN-PC1	- India	MICROBICIDAL COMPOSITION	THE DOW CHEMICAL COMPANY	06/21/2016	201817001003	201817001003		
78047-111-1 61	maia	MICROBICIDAL	THE DOW CHEMICAL	00/21/2010	201017001003	201017001003		
78047-MX-PC	т Мехісо	COMPOSITION	COMPANY	06/21/2016	MX/a/2017/016799			
70047 011 00	T Pussian Fadaustian	MICROBICIDAL	THE DOW CHEMICAL	06/21/2016	2019101097			
78047-RU-PC	T Russian Federation United States Of	COMPOSITION MICROBICIDAL	COMPANY THE DOW CHEMICAL	06/21/2016	Z01010108/			
78047-US-PC		COMPOSITION	COMPANY	06/21/2016	15/580920	2018-0168160		
70047 11/0 7	International	MICROBICIDAL	THE DOW CHEMICAL	00/21/2012	DCT/USAS/SSSASS	WO /2016 /200=2	0	
78047-WO-P	CT Procedure	COMPOSITION MICROBICIDAL	COMPANY THE DOW CHEMICAL	06/21/2016	PCT/US16/038459	WO/2016/20978	ב	
78067-IN-NP	India	COMPOSITION	COMPANY	06/29/2015	1931/DEL/2015	1931/DEL/2015		
70067 11: 5 2	- ta-dia	MICROBICIDAL	THE DOW CHEMICAL	00/22/2012	201017001100			
78067-IN-PCT	India	COMPOSITION	COMPANY	06/22/2016	201817001498			

78067-US-PCT	United States Of America International	MICROBICIDAL COMPOSITION MICROBICIDAL	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	06/22/2016 15/580912	
78067-WO-PCT	Procedure	COMPOSITION	COMPANY	06/22/2016 PCT/US16/038598	WO/2017/003772
78080-CN-PCT	China	IMPROVED PROCESS FOR MAKING AN ANTIMICROBIAL COMPOSITION	THE DOW CHEMICAL COMPANY	12/17/2015 201580085272.9	108474170
		IMPROVED PROCESS FOR MAKING AN ANTIMICROBIAL	THE DOW CHEMICAL		
78080-IN-PCT	India United States Of	COMPOSITION IMPROVED PROCESS FOR MAKING AN ANTIMICROBIAL	COMPANY THE DOW CHEMICAL	12/17/2015 201817023802	
78080-US-PCT	America	COMPOSITION  METHOD FOR	COMPANY	12/17/2015 15/777683	
		MEASURING FORMALDEHYDE IN SOLUTIONS CONTAINING CERTAIN			
78267-US-NP	United States Of America	FORMALDEHYDE- RELEASING BIOCIDES	THE DOW CHEMICAL COMPANY	08/11/2016 15/234011	2017-0052155 06/12/2018 9995723
78338-BR-PCT	Brazil	METHOD OF PREPARING AN ANTIMICROBIAL COMPOSITION	THE DOW CHEMICAL COMPANY	09/26/2016 112018005377-5	
78338-CN-PCT	China	METHOD OF PREPARING AN ANTIMICROBIAL COMPOSITION	THE DOW CHEMICAL COMPANY	09/26/2016 201680054027.6	108024530
78338-EP-EPT	European Procedure (Patents)	METHOD OF PREPARING AN ANTIMICROBIAL COMPOSITION METHOD OF	THE DOW CHEMICAL COMPANY	09/26/2016 16777879.4	3355696
78338-IN-PCT	India	PREPARING AN ANTIMICROBIAL COMPOSITION METHOD OF	THE DOW CHEMICAL COMPANY	09/26/2016 201817013043	
78338-JP-PCT	Japan	PREPARING AN ANTIMICROBIAL COMPOSITION METHOD OF PREPARING AN	THE DOW CHEMICAL COMPANY	09/26/2016 2018-514787	
78338-US-PCT	United States Of America	ANTIMICROBIAL COMPOSITION SYNERGY	THE DOW CHEMICAL COMPANY	09/26/2016 15/756695	
78431-US-NP	United States Of America	ANTIMICROBIAL COMPOSITION METHOD AND REAGENTS FOR DETECTING	THE DOW CHEMICAL COMPANY	09/27/2016 15/277485	2017-0086461
78466-US-PCT	United States Of America	CONTAMINANTS IN OIL AND GAS ENVIRONMENTS	THE DOW CHEMICAL COMPANY	09/19/2016 15/760914	US-2018-0251808-A1
		METHOD FOR DECREASING THE CONCENTRATION OF SULFATE REDUCING			
78774-US-NP	United States Of America United States Of	BACTERIA IN AN AQUEOUS SYSTEM	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	12/16/2016 15/381224	2017-0191138
78919-US-PCT 78919-WO-PCT	America International Procedure	METHOD WOOD TREATMENT METHOD	COMPANY THE DOW CHEMICAL COMPANY	02/15/2017 16/068192 02/15/2017 PCT/US17/017847	WO/2017/151311

	SYNERGISTIC COMBINATION OF A	
	LENACIL COMPOUND	000000000000000000000000000000000000000
	AND DIIODOMETHYL P-TOLYL SULFONE	
	FOR DRY FILM	THE DOW CHEMICAL
79168-AU-PCT Australia	PROTECTION	COMPANY 03/24/2017 PCT/US17/023942
	SYNERGISTIC	
	COMBINATION OF A	
	LENACIL COMPOUND  AND DIJODOMETHYL	
	P-TOLYL SULFONE	
	FOR DRY FILM	THE DOW CHEMICAL
79168-BR-PCT Brazil	PROTECTION	COMPANY 03/24/2017 PCT/US17/023942
	SYNERGISTIC	
	COMBINATION OF A LENACIL COMPOUND	
	AND DIIODOMETHYL	
	P-TOLYL SULFONE	
79168-CN-PCT China	FOR DRY FILM PROTECTION	THE DOW CHEMICAL  COMPANY 03/24/2017 PCT/US17/023942
,3133 3.1.13.		50/11/6021 151/9021/160312
	SYNERGISTIC	
	COMBINATION OF A LENACIL COMPOUND	)
	AND DIIODOMETHYL	
European	P-TOLYL SULFONE FOR DRY FILM	THE DOW CHEMICAL
79168-EP-EPT Procedure (Patents		COMPANY 03/24/2017 17719949.4
	SYNERGISTIC	
	COMBINATION OF A	
	LENACIL COMPOUND	
	AND DIIODOMETHYL P-TOLYL SULFONE	
	FOR DRY FILM	THE DOW CHEMICAL
79168-IN-PCT India	PROTECTION	COMPANY 03/24/2017 PCT/US17/023942
	SYNERGISTIC	
	COMBINATION OF A LENACIL COMPOUND	
	AND DIIODOMETHYL	
	P-TOLYL SULFONE	
79168-MX-PCT Mexico	FOR DRY FILM PROTECTION	THE DOW CHEMICAL COMPANY 03/24/2017 PCT/US17/023942
	SYNERGISTIC COMBINATION OF A	
	LENACIL COMPOUND	
	AND DIIODOMETHYL P-TOLYL SULFONE	
	FOR DRY FILM	THE DOW CHEMICAL
79168-TH-PCT Thailand	PROTECTION	COMPANY 03/24/2017 PCT/US17/023942
	SYNERGISTIC	
	COMBINATION OF A	
	LENACIL COMPOUND  AND DIJODOMETHYL	
	P-TOLYL SULFONE	
International	FOR DRY FILM	THE DOW CHEMICAL  COMMANY 02/74/2013 PCT 0/517/032043 1MO/2013/13/2009
79168-WO-PCT Procedure	PROTECTION	COMPANY 03/24/2017 PCT/US17/023942 WO/2017/172508
	SYNERGISTIC	
	COMBINATION OF A LENACIL COMPOUND	
	AND N-BUTYL-1,2-	
	BENZISOTHIAZOLIN-3	
79169-AU-PCT Australia	ONE FOR DRY FILM PROTECTION	THE DOW CHEMICAL  COMPANY 03/30/2017 PCT/US17/024953

	7 <b>91</b> 69-BR-PCT	Brazil	PROTECTION	THE DOW CHEMICAL COMPANY	03/30/2017 PCT/US17/024953
			SYNERGISTIC COMBINATION OF A		
			LENACIL COMPOUND		
			AND N-BUTYL-1,2- BENZISOTHIAZOLIN-3-		
				THE DOW CHEMICAL	
	79169-CN-PCT	China	PROTECTION	COMPANY	03/30/2017 PCT/US17/024953
			SYNERGISTIC COMBINATION OF A		
			LENACIL COMPOUND AND N-BUTYL-1.2-		
			BENZISOTHIAZOLIN-3		
	79169-EP-EPT	European Procedure (Patents)		THE DOW CHEMICAL COMPANY	03/30/2017 17716416.7
			SYNERGISTIC		
			COMBINATION OF A		
			LENACIL COMPOUND AND N-BUTYL-1,2-		
			BENZISOTHIAZOLIN-3		
				THE DOW CHEMICAL	
:	79169-IN-PCT	India	PROTECTION	COMPANY	03/30/2017 PCT/US17/024953
			SYNERGISTIC		
			COMBINATION OF A		
			LENACIL COMPOUND AND N-BUTYL-1,2-		
			BENZISOTHIAZOLIN-3		
				THE DOW CHEMICAL	
-	79169-MX-PCT	Mexico	PROTECTION	COMPANY	03/30/2017 PCT/US17/024953
			SYNERGISTIC		
			COMBINATION OF A		
			LENACIL COMPOUND AND N-BUTYL-1,2-		
			BENZISOTHIAZOLIN-3		
			ONE FOR DRY FILM	THE DOW CHEMICAL	
:	79169-TH-PCT	Thailand	PROTECTION	COMPANY	03/30/2017 PCT/US17/024953
			SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND N-BUTYL-1, 2- BENZISOTHIAZOLIN-3		
	79169-WO-PCT	International Procedure		THE DOW CHEMICAL COMPANY	03/30/2017 PCT/US17/024953 WO/2017/176543
			SYNERGISTIC		
			COMBINATION OF A		
			LENACIL COMPOUND AND FLUDIOXONIL		
				THE DOW CHEMICAL	
	79170-AU-PCT	Australia	PROTECTION	COMPANY	03/30/2017 PCT/US17/024954
	79170-BR-PCT			THE DOW CHEMICAL COMPANY	03/30/2017 PCT/US17/024954

79170-CN-PCT 79170-EP-EPT	China  European Procedure (Patents)	PROTECTION  SYNERGISTIC  COMBINATION OF A  LENACIL COMPOUND  AND FLUDIOXONIL  FOR DRY FILM  PROTECTION	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	03/30/2017 PCT/US17/024954 03/30/2017 17716417 5
79170-IN-PCT	India		THE DOW CHEMICAL COMPANY	03/30/2017 PCT/US17/024954
79170-MX-PCT	Мехіса	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND FLUDIOXONIL FOR DRY FILM PROTECTION		03/30/2017 PCT/US17/024954
79170-TH-PCT	Thailand	PROTECTION	THE DOW CHEMICAL COMPANY	03/30/2017 PCT/US17/024954
79170-WO-PCT	International Procedure	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND FLUDIOXONIL FOR DRY FILM PROTECTION SYNERGISTIC	THE DOW CHEMICAL COMPANY	03/30/2017 PCT/US17/024954 WO/2017/176544
79369-AU-PCT	Australia	PROTECTION	THE DOW CHEMICAL COMPANY	05/24/2017 PCT/US17/034147
79369-BR-PCT	Brazil	SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND THIABENDAZOLE FOR DRY FILM PROTECTION	THE DOW CHEMICAL COMPANY	05/24/2017 PCT/US17/034147
		SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND THIABENDAZOLE	THE DOW CHEMICAL	
79369-CN-PCT 79369-EP-EPT	China  European Procedure (Patents)	PROTECTION SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND THIABENDAZOLE FOR DRY FILM	COMPANY	05/24/2017 PCT/US17/034147 05/24/2017 PCT/US17/034147

	SYNERGISTIC		
	COMBINATION OF A		
	LENACIL COMPOUND AND		
	THIABENDAZOLE		
	FOR DRY FILM	THE DOW CHEMICAL	
79369-IN-PCT India	PROTECTION	COMPANY	05/24/2017 PCT/US17/034147
	SYNERGISTIC COMBINATION OF A		
	LENACIL COMPOUND		
	AND		
	THIABENDAZOLE FOR DRY FILM	THE DOW CHEMICAL	
79369-MX-PCT Mexico	PROTECTION	COMPANY	05/24/2017 PCT/US17/034147
	SYNERGISTIC		
	COMBINATION OF A LENACIL COMPOUND		
	AND		
	THIABENDAZOLE		
70200 TH DOT Theiland	FOR DRY FILM	THE DOW CHEMICAL	0F /24 /2047 PCT / UC47 /024447
79369-TH-PCT Thailand	PROTECTION SYNERGISTIC	COMPANY	05/24/2017 PCT/US17/034147
	COMBINATION OF A		
	LENACIL COMPOUND		
	AND THIABENDAZOLE		
International	FOR DRY FILM	THE DOW CHEMICAL	
79369-WO-PCT Procedure	PROTECTION	COMPANY	05/24/2017 PCT/US17/034147 WO/2017/210048
	SYNERGISTIC COMBINATION OF A		
	LENACIL COMPOUND		
	AND		
	CHLOROTHALONIL FOR DRY FILM	THE DOW CHEMICAL	
79370-AU-PCT Australia	PROTECTION	COMPANY	05/24/2017 PCT/US17/034151
	SYNERGISTIC		
	COMBINATION OF A LENACIL COMPOUND		
	AND		
	CHLOROTHALONIL	THE DOWN CHEMICAL	
79370-BR-PCT Brazil	FOR DRY FILM PROTECTION	THE DOW CHEMICAL COMPANY	05/24/2017 PCT/US17/034151
	SYNERGISTIC		
	COMBINATION OF A		
	LENACIL COMPOUND AND		
	CHLOROTHALONIL		
79370-CN-PCT China	FOR DRY FILM	THE DOW CHEMICAL	0F/24/2017 DCT/US17/0241E1
79370-CN-PCT China	PROTECTION SYNERGISTIC	COMPANY	05/24/2017 PCT/US17/034151
	COMBINATION OF A		
	LENACIL COMPOUND AND		
	CHLOROTHALONIL		
European	FOR DRY FILM	THE DOW CHEMICAL	25 10 11222 - 22-0 22-122-12
79370-EP-EPT Procedure (Patent:	SYNERGISTIC	COMPANY	05/24/2017 PCT/US17/034151
	COMBINATION OF A		
	LENACIL COMPOUND		
	AND CHLOROTHALONIL		
	FOR DRY FILM	THE DOW CHEMICAL	
79370-IN-PCT India	PROTECTION SYNERGISTIC	COMPANY	05/24/2017 PCT/US17/034151
	COMBINATION OF A		
	LENACIL COMPOUND		
	and Chlorothalonil		
	FOR DRY FILM	THE DOW CHEMICAL	
79370-MX-PCT Mexico	PROTECTION	COMPANY	05/24/2017 PCT/US17/034151

		SYNERGISTIC COMBINATION OF A			
		LENACIL COMPOUND AND			
		CHLOROTHALONIL			
79370-TH-PCT T	hailand	FOR DRY FILM PROTECTION	THE DOW CHEMICAL COMPANY	05/24/2017 PCT/US17/034151	
		SYNERGISTIC			
		COMBINATION OF A LENACIL COMPOUND			
		AND			
lr.	nternational	CHLOROTHALONIL FOR DRY FILM	THE DOW CHEMICAL		
	Procedure	PROTECTION	COMPANY	05/24/2017 PCT/US17/034151	WO 2017/210051
		SYNERGISTIC COMBINATION OF 3-			
		IODO-2-PROPYNYL-			
79470-AU-PCT A	Australia	BUTYLCARBAMATE AND DIAMINE	THE DOW CHEMICAL COMPANY	06/28/2017 PCT/US17/039640	
754767.61		SYNERGISTIC		00/20/2017 10/70317/033040	
		COMBINATION OF 3- IODO-2-PROPYNYL-			
		BUTYLCARBAMATE	THE DOW CHEMICAL		
79470-BR-PCT B	Brazil	AND DIAMINE SYNERGISTIC	COMPANY	06/28/2017 PCT/US17/039640	
		COMBINATION OF 3-			
		IODO-2-PROPYNYL- BUTYLCARBAMATE	THE DOW CHEMICAL		
79470-CN-PCT C	China	AND DIAMINE	COMPANY	06/28/2017 PCT/US17/039640	
		SYNERGISTIC COMBINATION OF 3-			
_		IODO-2-PROPYNYL-			
***************************************	uropean 'rocedure (Patents)	BUTYLCARBAMATE AND DIAMINE	THE DOW CHEMICAL COMPANY	06/28/2017 PCT/US17/039640	
		SYNERGISTIC			
		COMBINATION OF 3- IODO-2-PROPYNYL-			
70.470 IN DOT	. di		THE DOW CHEMICAL	05/20/2047 PCT/US47/020540	
79470-IN-PCT II	ndia	AND DIAMINE SYNERGISTIC	COMPANY	06/28/2017 PCT/US17/039640	
		COMBINATION OF 3- IODO-2-PROPYNYL-			
		BUTYLCARBAMATE	THE DOW CHEMICAL		
79470-JP-PCT J	apan	AND DIAMINE SYNERGISTIC	COMPANY	06/28/2017 PCT/US17/039640	
		COMBINATION OF 3-			
		IODO-2-PROPYNYL- BUTYLCARBAMATE	THE DOW CHEMICAL		
79470-KR-PCT S	OUTH KOREA	AND DIAMINE	COMPANY	06/28/2017 PCT/US17/039640	
		SYNERGISTIC COMBINATION OF 3-			
		IODO-2-PROPYNYL-			
79470-MX-PCT N	/lexico	BUTYLCARBAMATE AND DIAMINE	THE DOW CHEMICAL COMPANY	06/28/2017 PCT/US17/039640	
		SYNERGISTIC			
		COMBINATION OF 3- IODO-2-PROPYNYL-			
		BUTYLCARBAMATE	THE DOW CHEMICAL		
79470-RU-PCT R	Russian Federation	AND DIAMINE SYNERGISTIC	COMPANY	06/28/2017 PCT/US17/039640	
		COMBINATION OF 3-			
		IODO-2-PROPYNYL- BUTYLCARBAMATE	THE DOW CHEMICAL		
79470-TH-PCT T	hailand	AND DIAMINE	COMPANY	06/28/2017 PCT/US17/039640	
		SYNERGISTIC COMBINATION OF 3-			
		IODO-2-PROPYNYL-	THE BOW CHES YOU		
	nternational Procedure		THE DOW CHEMICAL COMPANY	06/28/2017 PCT/US17/039640	WO/2018/005588
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5030303030303030303030			
		SYNERGISTIC	
		COMBINATION OF A	
		LENACIL COMPOUND	
		AND 1,2-	
	International	BENZISOTHIAZOL-	THE DOW CHEMICAL
79667-WO-PCT	Procedure	3(2H)-ONE	COMPANY 08/23/2017 PCT/US17/048138 WO/2018/044641
200000000000000000000000000000000000000			
		A METHOD FOR	
		DEGRADING 5-	
	International		THE DOW CHEMICAL
79872-WO-PCT	Procedure	ISOTHIAZOLIN-3-ONE	
79872-WO-FC1	International	MICROBICIDAL	THE DOW CHEMICAL
70000 1410 864		COMPOSITION	
79899-WO-PCT	Procedure		COMPANY 09/25/2017 PCT/US17/053203 WO/2018/063971
		COLOR STABLE TREATED FABRIC	
	I		THE DOWN CHEMICAL
70000 11/0 007	International	AND METHOD OF	THE DOW CHEMICAL
79998-WO-PCT	Procedure		COMPANY 12/30/2016 PCT/CN16/113525 WO 2018/120028
		SYNERGISTIC	
		COMBINATION OF	
		ORTHO-	
		PHENYLPHENOL AND	
		BIS-(3-	
	International	AMINOPROPYL)DOD	THE DOW CHEMICAL
80199-WO-PCT	Procedure	ECYLAMINE	COMPANY 10/25/2017 PCT/US17/058178 WO/2018/118206
	International	WOOD	THE DOW CHEMICAL
80212-WO-PCT	Procedure	PRESERVATIVES	COMPANY 03/29/2018 PCT/US18/025046
		SYNERGISTIC	
		COMBINATION OF	
		BIS-(3-	
		AMINOPROPYL)DOD	
	International	ECYLAMINE AND	THE DOW CHEMICAL
80214-WO-PCT	Procedure	SORBIC ACID	COMPANY 10/25/2017 PCT/US17/058218 WO/2018/118207
***************************************		STABLE BIOCIDAL	THE DOW CHEMICAL
80569-AR-NP	Argentina	COMPOSITIONS	COMPANY 04/19/2018 20180101007
	Gulf Cooperation	STABLE BIOCIDAL	THE DOW CHEMICAL
80569-GC-GCP	Council	COMPOSITIONS	COMPANY 04/17/2018 2018/35153
	International	STABLE BIOCIDAL	THE DOW CHEMICAL
80569-WO-PCT	Procedure	COMPOSITIONS	COMPANY 04/27/2017 PCT/CN17/082115
	International	MICROBICIDAL	THE DOW CHEMICAL
80571-WO-PCT	Procedure	COMPOSITION	COMPANY 03/29/2018 PCT/US18/025082
00371-100-101	TIOCEDUIE	COIVII OSITION	G3/23/2018 (C1/0320/023002
		USE OF NON	
		OXIDANT BIOCIDE	
		FOR THE SELECTIVE	
		RECOVERY OF	
		VALUABLE METALS	THE DOW CHEMICAL
	International	IN A FROTH	
80579-WO-PCT			
	Procedure	FLOTATION PROCESS	
	Procedure		
	Procedure	METHOD OF USING	
		METHOD OF USING BIOMOLECULES TO	COMPANY 06/15/2018 PCT/US18/037692
	United States Of	METHOD OF USING BIOMOLECULES TO PREDICT SOURING IN	COMPANY 06/15/2018 PCT/US18/037692  THE DOW CHEMICAL
80779-US-NP		METHOD OF USING BIOMOLECULES TO PREDICT SOURING IN OILFIELD SYSTEMS	COMPANY 06/15/2018 PCT/US18/037692  THE DOW CHEMICAL COMPANY 05/29/2018 15/991072
	United States Of America	METHOD OF USING BIOMOLECULES TO PREDICT SOURING IN OILFIELD SYSTEMS MICROBICIDAL	COMPANY 06/15/2018 PCT/US18/037692  THE DOW CHEMICAL COMPANY 05/29/2018 15/991072 THE DOW CHEMICAL
80779-US-NP 80905-AR-NP	United States Of America Argentina	METHOD OF USING BIOMOLECULES TO PREDICT SOURING IN OILFIELD SYSTEMS	COMPANY 06/15/2018 PCT/US18/037692  THE DOW CHEMICAL COMPANY 05/29/2018 15/991072
	United States Of America	METHOD OF USING BIOMOLECULES TO PREDICT SOURING IN OILFIELD SYSTEMS MICROBICIDAL	COMPANY 06/15/2018 PCT/US18/037692  THE DOW CHEMICAL COMPANY 05/29/2018 15/991072 THE DOW CHEMICAL
	United States Of America Argentina	METHOD OF USING BIOMOLECULES TO PREDICT SOURING IN OILFIELD SYSTEMS MICROBICIDAL COMPOSITION	COMPANY 06/15/2018 PCT/US18/037692  THE DOW CHEMICAL COMPANY 05/29/2018 15/991072  THE DOW CHEMICAL COMPANY 06/21/2018 20180101740
80905-AR-NP	United States Of America Argentina Gulf Cooperation	METHOD OF USING BIOMOLECULES TO PREDICT SOURING IN OILFIELD SYSTEMS MICROBICIDAL COMPOSITION MICROBICIDAL	COMPANY 06/15/2018 PCT/US18/037692  THE DOW CHEMICAL COMPANY 05/29/2018 15/991072  THE DOW CHEMICAL COMPANY 06/21/2018 20180101740  THE DOW CHEMICAL
80905-AR-NP	United States Of America Argentina Gulf Cooperation Council	METHOD OF USING BIOMOLECULES TO PREDICT SOURING IN OILFIELD SYSTEMS MICROBICIDAL COMPOSITION MICROBICIDAL COMPOSITION	COMPANY 06/15/2018 PCT/US18/037692  THE DOW CHEMICAL COMPANY 05/29/2018 15/991072  THE DOW CHEMICAL COMPANY 06/21/2018 20180101740  THE DOW CHEMICAL COMPANY 06/26/2018 2018/35539
80905-AR-NP 80905-GC-GCP	United States Of America Argentina Gulf Cooperation Council International	METHOD OF USING BIOMOLECULES TO PREDICT SOURING IN OILFIELD SYSTEMS MICROBICIDAL COMPOSITION MICROBICIDAL COMPOSITION MICROBICIDAL	COMPANY 06/15/2018 PCT/US18/037692  THE DOW CHEMICAL COMPANY 05/29/2018 15/991072  THE DOW CHEMICAL COMPANY 06/21/2018 20180101740  THE DOW CHEMICAL COMPANY 06/26/2018 2018/35539  THE DOW CHEMICAL
80905-AR-NP 80905-GC-GCP	United States Of America Argentina Gulf Cooperation Council International	METHOD OF USING BIOMOLECULES TO PREDICT SOURING IN OILFIELD SYSTEMS MICROBICIDAL COMPOSITION MICROBICIDAL COMPOSITION MICROBICIDAL COMPOSITION	COMPANY 06/15/2018 PCT/US18/037692  THE DOW CHEMICAL COMPANY 05/29/2018 15/991072  THE DOW CHEMICAL COMPANY 06/21/2018 20180101740  THE DOW CHEMICAL COMPANY 06/26/2018 2018/35539  THE DOW CHEMICAL
80905-AR-NP 80905-GC-GCP	United States Of America Argentina Gulf Cooperation Council International	METHOD OF USING BIOMOLECULES TO PREDICT SOURING IN OILFIELD SYSTEMS MICROBICIDAL COMPOSITION MICROBICIDAL COMPOSITION MICROBICIDAL COMPOSITION COMPOSITION SAND	COMPANY 06/15/2018 PCT/US18/037692  THE DOW CHEMICAL COMPANY 05/29/2018 15/991072  THE DOW CHEMICAL COMPANY 06/21/2018 20180101740  THE DOW CHEMICAL COMPANY 06/26/2018 2018/35539  THE DOW CHEMICAL
80905-AR-NP 80905-GC-GCP	United States Of America Argentina Gulf Cooperation Council International	METHOD OF USING BIOMOLECULES TO PREDICT SOURING IN OILFIELD SYSTEMS MICROBICIDAL COMPOSITION MICROBICIDAL COMPOSITION MICROBICIDAL COMPOSITION COMPOSITION COMPOSITION COMPOSITION COMPOSITION REMEDIATION OF	COMPANY 06/15/2018 PCT/US18/037692  THE DOW CHEMICAL COMPANY 05/29/2018 15/991072  THE DOW CHEMICAL COMPANY 06/21/2018 20180101740  THE DOW CHEMICAL COMPANY 06/26/2018 2018/35539  THE DOW CHEMICAL
80905-AR-NP 80905-GC-GCP	United States Of America Argentina Gulf Cooperation Council International Procedure	METHOD OF USING BIOMOLECULES TO PREDICT SOURING IN OILFIELD SYSTEMS MICROBICIDAL COMPOSITION MICROBICIDAL COMPOSITION MICROBICIDAL COMPOSITION COMPOSITION COMPOSITION COMPOSITION COMPOSITION REMEDIATION OF	COMPANY 06/15/2018 PCT/US18/037692  THE DOW CHEMICAL COMPANY 05/29/2018 15/991072  THE DOW CHEMICAL COMPANY 06/21/2018 20180101740  THE DOW CHEMICAL COMPANY 06/26/2018 2018/35539  THE DOW CHEMICAL COMPANY 06/06/2018 PCT/US18/036231
80905-AR-NP 80905-GC-GCP 80905-WO-PCT	United States Of America  Argentina Gulf Cooperation Council International Procedure	METHOD OF USING BIOMOLECULES TO PREDICT SOURING IN OILFIELD SYSTEMS MICROBICIDAL COMPOSITION MICROBICIDAL COMPOSITION MICROBICIDAL COMPOSITION COMPOSITION COMPOSITION COMPOSITION S AND METHODS FOR REMEDIATION OF SULFATE REDUCING	COMPANY 06/15/2018 PCT/US18/037692  THE DOW CHEMICAL COMPANY 05/29/2018 15/991072  THE DOW CHEMICAL COMPANY 06/21/2018 20180101740  THE DOW CHEMICAL COMPANY 06/26/2018 2018/35539  THE DOW CHEMICAL COMPANY 06/06/2018 PCT/US18/036231  THE DOW CHEMICAL
80905-AR-NP 80905-GC-GCP 80905-WO-PCT	United States Of America  Argentina Gulf Cooperation Council International Procedure  International Procedure	METHOD OF USING BIOMOLECULES TO PREDICT SOURING IN OILFIELD SYSTEMS MICROBICIDAL COMPOSITION MICROBICIDAL COMPOSITION MICROBICIDAL COMPOSITION COMPOSITION COMPOSITION AND METHODS FOR REMEDIATION OF SULFATE REDUCING PROKARYOTES A METHOD FOR	COMPANY 06/15/2018 PCT/US18/037692  THE DOW CHEMICAL COMPANY 05/29/2018 15/991072  THE DOW CHEMICAL COMPANY 06/21/2018 20180101740  THE DOW CHEMICAL COMPANY 06/26/2018 2018/35539  THE DOW CHEMICAL COMPANY 06/06/2018 PCT/US18/036231  THE DOW CHEMICAL COMPANY 07/06/2018 PCT/US18/41066
80905-AR-NP 80905-GC-GCP 80905-WO-PCT 80935-WO-PCT	United States Of America  Argentina Gulf Cooperation Council International Procedure  International Procedure International	METHOD OF USING BIOMOLECULES TO PREDICT SOURING IN OILFIELD SYSTEMS MICROBICIDAL COMPOSITION MICROBICIDAL COMPOSITION MICROBICIDAL COMPOSITION COMPOSITION COMPOSITION AND METHODS FOR REMEDIATION OF SULFATE REDUCING PROKARYOTES A METHOD FOR	COMPANY 06/15/2018 PCT/US18/037692  THE DOW CHEMICAL COMPANY 05/29/2018 15/991072  THE DOW CHEMICAL COMPANY 06/21/2018 20180101740  THE DOW CHEMICAL COMPANY 06/26/2018 2018/35539  THE DOW CHEMICAL COMPANY 06/06/2018 PCT/US18/036231  THE DOW CHEMICAL COMPANY 07/06/2018 PCT/US18/41066  THE DOW CHEMICAL COMPANY 07/06/2018 PCT/US18/41066
80905-AR-NP 80905-GC-GCP 80905-WO-PCT 80935-WO-PCT	United States Of America  Argentina Gulf Cooperation Council International Procedure  International Procedure International	METHOD OF USING BIOMOLECULES TO PREDICT SOURING IN OILFIELD SYSTEMS MICROBICIDAL COMPOSITION MICROBICIDAL COMPOSITION MICROBICIDAL COMPOSITION COMPOSITION SAND METHODS FOR REMEDIATION OF SULFATE REDUCING PROKARYOTES A METHOD FOR BIOFILM DISPERSAL	COMPANY 06/15/2018 PCT/US18/037692  THE DOW CHEMICAL COMPANY 05/29/2018 15/991072  THE DOW CHEMICAL COMPANY 06/21/2018 20180101740  THE DOW CHEMICAL COMPANY 06/26/2018 2018/35539  THE DOW CHEMICAL COMPANY 06/06/2018 PCT/US18/036231  THE DOW CHEMICAL COMPANY 07/06/2018 PCT/US18/41066  THE DOW CHEMICAL COMPANY 07/06/2018 PCT/US18/41066
80905-AR-NP 80905-GC-GCP 80905-WO-PCT 80935-WO-PCT	United States Of America  Argentina Gulf Cooperation Council International Procedure  International Procedure International	METHOD OF USING BIOMOLECULES TO PREDICT SOURING IN OILFIELD SYSTEMS MICROBICIDAL COMPOSITION MICROBICIDAL COMPOSITION COMPOSITION COMPOSITION COMPOSITION SAND METHODS FOR REMEDIATION OF SULFATE REDUCING PROKARYOTES.  A METHOD FOR BIOFILM DISPERSAL ANTIMICROBIAL	COMPANY 06/15/2018 PCT/US18/037692  THE DOW CHEMICAL COMPANY 05/29/2018 15/991072  THE DOW CHEMICAL COMPANY 06/21/2018 20180101740  THE DOW CHEMICAL COMPANY 06/26/2018 2018/35539  THE DOW CHEMICAL COMPANY 06/06/2018 PCT/US18/036231  THE DOW CHEMICAL COMPANY 07/06/2018 PCT/US18/41066  THE DOW CHEMICAL COMPANY 07/06/2018 PCT/US18/41066
80905-AR-NP 80905-GC-GCP 80905-WO-PCT 80935-WO-PCT	United States Of America  Argentina Gulf Cooperation Council International Procedure  International Procedure International	METHOD OF USING BIOMOLECULES TO PREDICT SOURING IN OILFIELD SYSTEMS MICROBICIDAL COMPOSITION MICROBICIDAL COMPOSITION COMPOSITION COMPOSITION COMPOSITION S AND METHODS FOR REMEDIATION OF SULFATE REDUCING PROKARYOTES A METHOD FOR BIOFILM DISPERSAL ANTIMICROBIAL COMPOSITIONS.	COMPANY 06/15/2018 PCT/US18/037692  THE DOW CHEMICAL COMPANY 05/29/2018 15/991072  THE DOW CHEMICAL COMPANY 06/21/2018 20180101740  THE DOW CHEMICAL COMPANY 06/26/2018 2018/35539  THE DOW CHEMICAL COMPANY 06/06/2018 PCT/US18/036231  THE DOW CHEMICAL COMPANY 07/06/2018 PCT/US18/41066  THE DOW CHEMICAL COMPANY 07/06/2018 PCT/US18/41066
80905-AR-NP 80905-GC-GCP 80905-WO-PCT 80935-WO-PCT	United States Of America  Argentina Gulf Cooperation Council International Procedure  International Procedure International Procedure	METHOD OF USING BIOMOLECULES TO PREDICT SOURING IN OILFIELD SYSTEMS MICROBICIDAL COMPOSITION MICROBICIDAL COMPOSITION COMPOSITION COMPOSITION COMPOSITION S AND METHODS FOR REMEDIATION OF SULFATE REDUCING PROKARYOTES A METHOD FOR BIOFILM DISPERSAL ANTIMICROBIAL COMPOSITIONS, METHODS OF	COMPANY 06/15/2018 PCT/US18/037692  THE DOW CHEMICAL COMPANY 05/29/2018 15/991072 THE DOW CHEMICAL COMPANY 06/21/2018 20180101740 THE DOW CHEMICAL COMPANY 06/26/2018 2018/35539 THE DOW CHEMICAL COMPANY 06/06/2018 PCT/US18/036231  THE DOW CHEMICAL COMPANY 07/06/2018 PCT/US18/41066 THE DOW CHEMICAL COMPANY 07/06/2018 PCT/US18/41066 THE DOW CHEMICAL COMPANY 06/15/2018 PCT/US18/037690

	STABILIZATION OF COMPLEXED SILVER			
United States O	\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$	ЛICAL		
81545-US-PSP America	SURFACES COMPANY	11/16/2017 62/586919		
United States O	SYNERGISTIC  F ANTIMICROBIAL THE DOW CHEN	AICAL		
81688-US-PSP America	COMPOSITION COMPANY	12/19/2017 62/607434		
	STABILIZATION OF			
United States O 81697-US-PSP America	f DCOIT IN AQUEOUS THE DOW CHEN SYSTEMS COMPANY	AHCAL 12/28/2017 62/611113		
01057 05151 America	STABILIZATION OF	12, 20, 2017 02, 011113		
United States O				
81698-US-PSP America	SYSTEMS COMPANY SYNERGISTIC	12/28/2017 62/611115		
	COMBINATION OF			
	1,3-			
	BIS(HYDROXYMETHY L)-5,5-			
	DIMETHYLIMIDAZOLI			
United States O		50 (10 (10 (10 (10 (10 (10 (10 (10 (10 (1		
81938-US-PSP America	WITH GLYOXAL COMPANY SYNERGISTIC	04/16/2018 62/657954		
	ANTIMICROBIAL THE DOW CHEM	AICAL		
AMA02062-AU-PC Australia	COMPOSITION COMPANY	06/17/2010 2010281595		01/02/2014 2010281595
	SYNERGISTIC  ANTIMICROBIAL THE DOW CHEN	ALC AL		
AMA02062-BR-PC Brazil	COMPOSITION COMPANY	06/17/2010 112012001716.	.0	06/20/2017 112012001716-0
	SYNERGISTIC			
AMA02062-CN-PC China	ANTIMICROBIAL THE DOW CHEN COMPOSITION COMPANY	AICAL 06/17/2010 201080033694.	.9 102469779	10/23/2013 201080033694.9
AWAG2002-CN-FC CHINA	SYNERGISTIC COMM AND	00/17/2010 201000033034	.9 102403773	10/23/2013 2010000033034.3
	ANTIMICROBIAL THE DOW CHEM	***************		
AMA02062-DE-EP1 Germany	COMPOSITION COMPANY SYNERGISTIC	06/17/2010 10728085.1	2458986	08/31/2016 602010036004.0
	ANTIMICROBIAL THE DOW CHEM	AICAL		
AMA02062-FR-EPT France	COMPOSITION COMPANY	06/17/2010 10728085.1	2458986	08/31/2016 2458986
	SYNERGISTIC  ANTIMICROBIAL THE DOW CHEN	ALC ()		
AMA02062-GB-EP United Kingdom		06/17/2010 10728085.1	2458986	08/31/2016 2458986
	SYNERGISTIC			
AMA02062-IN-PCT India	ANTIMICROBIAL THE DOW CHEN COMPOSITION COMPANY	AICAL 06/17/2010 109/DELNP/20:	12 109/DELNP/20	10/27/2016 276654
AWAGE OUZ WATCH BROKE	SYNERGISTIC	99/11/2010 193/501111/20	103/01011/20	10/21/2010 2/0034
	ANTIMICROBIAL THE DOW CHEM	500000000000		
AMA02062-JP-PCT Japan	COMPOSITION COMPANY SYNERGISTIC	06/17/2010 2012-522837	2013-500335	05/23/2014 5547286
	ANTIMICROBIAL THE DOW CHEM	ЛICAL		
AMA02062-RU-PC Russian Federat		06/17/2010 2012106879		06/17/2013 2499387
United States O	SYNERGISTIC F ANTIMICROBIAL THE DOW CHEN	AICAL		
AMA02062-US-PCI America	COMPOSITION COMPANY	09/13/2013 14/025862	2014-0018322	12/24/2013 8613941
0	SYNERGISTIC  F ANTIMICROBIAL THE DOW CHEM	#ICOL		
United States O AMA02062-US-PC America	F ANTIMICROBIAL THE DOW CHEN COMPOSITION COMPANY	06/17/2010 13/382407	2012-0108546	10/15/2013 8557266
	SYNERGISTIC			
AAAAAAAAAAAA	ANTIMICROBIAL THE DOW CHEN COMPOSITION COMPANY		0 112012002010	02/44/2047 442042002640 0
AMA02066-BR-PC ⁻ Brazil	SYNERGISTIC	07/29/2010 112012002610.	.0 112012002610	02/14/2017 112012002610-0
	ANTIMICROBIAL THE DOW CHEM			
AMA02066-DE-EPT Germany	COMPOSITION COMPANY SYNERGISTIC	07/29/2010 10742365.9	2461693	09/11/2013 602010010228.9
	ANTIMICROBIAL THE DOW CHEN	AICAL		
AMA02066-FR-EPT France	COMPOSITION COMPANY	07/29/2010 10742365.9	2461693	09/11/2013 2461693
	SYNERGISTIC ANTIMICROBIAL THE DOW CHEN	ЛСАІ		
AMA02066-GB-EP United Kingdon		07/29/2010 10742365.9	2461693	09/11/2013 2461693
***************************************	SYNERGISTIC			
AMA02066-IN-PCT India	ANTIMICROBIAL THE DOW CHEN COMPOSITION COMPANY	MICAL 07/29/2010 331/DELNP/201	1) 331/DELND/20	07/29/2017 284599
ANTHOLOGO TINTE OF HILLIA	SYNERGISTIC	07/23/2010 331/DELINP/20.	331/DLLINF/ZU	0//2//2011 204333
	ANTIMICROBIAL THE DOW CHEM			
AMA02066-MX-PC Mexico	COMPOSITION COMPANY	07/29/2010 MX/a/12/0014	98	10/02/2013 313833

MACCONSTRUME PROPERTY   CONTRIBUTION   CONTRIBUTI		SYNERGISTIC						
MANAGOTT-RE-PET INTERIOR   MANAGOTT-RE-PET INT	AMA02066-PL-EPT Poland			07/29/2010	10742365.9	2461693	09/11/2013 2461693	
MANUSCOSTER FO TUMEN   CAMPOSITION   CAMPO			THE DOMESTICAL					
MTMINICEDIALS   MTMINICEDIAL	AMA02066-RU-PC Russian Federation			07/29/2010	2012108157		06/10/2014 2518290	
COMPOSITION			THE DOW CHEMICAL					
Debited States Col   M.C. MICHARDON COLOR PROPERTION   10729/2010 13/499984   2012/013/010 10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505   10/21/2013 8569505	AMA02066-TR-EPT Turkey			07/29/2010	10742365.9	2461693	09/11/2013 2461693	
COMPOSTION   COM	Linited States Of		THE DOW CHEMICAL					
AMAGO2072-ALP-PC Australia  MANDO2072-BLP-PC India  MANDO2072-BLP-PC Australia  MANDO2072-BLP-PC China  MANDO2072-BLP-PC China  MANDO2072-BLP-PC China  MANDO2072-BLP-PC China  MANDO2				07/29/2010	13/389084	2012-0136010	10/29/2013 8569315	
MANAGOTZ-RIF-PC Parallel   MANAGOTZ-RIF-PC Par			THE DOW CHEMICAL					
### AMANDOT2-RR-PC Brazil ### COMPOSITION	AMA02072-AU-PC Australia	COMPOSITION		09/13/2010	2010298611		02/13/2014 201029861	11
AMMO2073-RR-PC Braze			THE DOW CHEMICAL					
AMA02072-QL-PC China	AMA02072-BR-PC Brazil	COMPOSITION		09/13/2010	1120120066714	112012006671	01/02/2018 112012006	5671-4
SYNERGISTIC			THE DOW CHEMICAL					
AMMAD2072-DE-EP:Germany   COMPOSTROM   COMPANY   09/33/2010 1075/130.0   2458993   03/30/2016 60201003759.2	AMA02072-CN-PC China		COMPANY	09/13/2010	201080043265.X	102695415	03/12/2014 201080043	3265.X
SYNERGISTIC   ARTIMICROBIAL   THE DOW CHEMICAL   COMPANY   O9/13/2010 10757130.5   2458993   03/30/2016 2458993   SYNERGISTIC   ARTIMICROBIAL   COMPANY   O9/13/2010 10757130.5   2458993   03/30/2016 2458993   O3/30/2016 2458993   O3/30/20			THE DOW CHEMICAL					
AMAD2072-HI-EPTFrance SPECISTIC ANTIMICROBIAL THE DOW CHEMICAL COMPOSITION COMPANY 09/13/2010 10757130-9 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 2458993 03/30/2016 245	AMA02072-DE-EPT Germany		COMPANY	09/13/2010	10757130.9	2458993	03/30/2016 60201003	1769.2
SYMERISTIC			THE DOW CHEMICAL					
AMA02072-GB-EP United Kingdom COMPOSITION COMPANY ANTIMICROBIAL ANTIMICROBIAL COMPOSITION COMPANY ANTIMICROBIAL COMPOSITION COMPANY ANTIMICROBIAL COMPOSITION COMPANY ANTIMICROBIAL COMPOSITION COMPANY O9/13/2010 3518/DELINP/2012 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236 12/19/2016 278236	AMA02072-FR-EPT France		COMPANY	09/13/2010	10757130.9	2458993	03/30/2016 2458993	
SWREADSTIC   ANTMICROBIAL   THE DOW CHEMICAL   COMPANY   O9/13/2010 3518/DELNP/2012   12/19/2016 278236   SWREADSTIC   ANTMICROBIAL   THE DOW CHEMICAL   COMPOSITION   SWREADSTIC   ANTMICROBIAL   THE DOW CHEMICAL   COMPOSITION   SWREADSTIC   COMPOSITION   SWREADSTIC   COMPOSITION   SWREADSTIC   COMPOSITION   SWREADSTIC   COMPOSITION   SWREADSTIC   COMPOSITION   COMPANY   O9/13/2010 2012/16402   O5/25/2014 2523522   O5/25/201		ANTIMICROBIAL						
AMA02072-IP-PCT Japan	AMA02072-GB-EP United Kingdom		COMPANY	09/13/2010	10757130.9	2458993	03/30/2016 2458993	
AMA02072-IP-PCT Japan	ANAAOQOZQUINI DOTUMINI			00/12/2010	3540/DELND/3043		12/10/2016 270226	
COMPOSITION   COMPANY	AMAUZU7Z-IN-PC) India		COMPANT	09/13/2010	3518/DELNP/2012		12/19/2016 2/8236	
SYNERGISTIC ANAD2072-RU-PC Russian Federation COMPOSITION SYNERGISTIC  AMA02072-US-PC America  COMPOSITION COMPANY O9/13/2010 2012116402 O9/2012 2012018722 12/03/2013 8598147  SYNERGISTIC ANTIMICROBIAL AMA02073-AU-PC Australia COMPOSITION SYNERGISTIC ANTIMICROBIAL AMA02073-AU-PC Australia COMPOSITION COMPANY O9/23/2013 2013231143 O9/01/2016 201323114	A\$4602072 ID BCT lange			00/12/2010	2012 520211	2012 504620	01/10/2014 5449562	
MAQ2072-RU-PC Russian Federation   COMPOSITION   COMPANY   O9/13/2010 2012116402   O5/26/2014 2523522   SYNERGISTIC   ONFOSITION   COMPOSITION   COMPANY   O9/13/2010 13/496945   Z012-0178722   12/03/2013 8598147	AWAUZU/2-JF-FC) Japan		COMPANT	03) 13/2010	2012-323911	2013-304020	01/10/2014 3443302	2000000000
SYNERGISTIC   COMPOSITION   COMPANY   09/13/2010 13/496945   2012-0178722 12/03/2013 8598147	ΔΜΔΩ2Ω72-RU-PC Russian Federation			09/13/2010	2012116402		05/26/2014 2523522	
AMA02073-US-PC America   COMPOSITION   COMPANY   O9/13/2010 13/496945   2012-0178722   12/03/2013 8598147		SYNERGISTIC		03, 13, 1010	201110.01		33,23,231. 2323322	
ANTIMICROBIAL COMPOSITION COMPANY 09/23/2013 2013231143 09/01/2016 2013231143  SYNERGISTIC ANTIMICROBIAL THE DOW CHEMICAL COMPANY 09/15/2010 2010298539 01/23/2014 2010298539  AMA02073-ALI-PC Australia COMPOSITION COMPANY 09/15/2010 2010298539 01/23/2014 2010298539  SYNERGISTIC ANTIMICROBIAL THE DOW CHEMICAL COMPANY 09/15/2010 112012006668-4 112012006668 01/02/2018 11201200668-4  SYNERGISTIC ANTIMICROBIAL COMPOSITION COMPANY 09/15/2010 112012006668-4 112012006668 01/02/2018 11201200668-4  SYNERGISTIC ANTIMICROBIAL COMPOSITION COMPANY 09/15/2010 112012006668-4 112012006668 01/02/2018 11201200668-4  AMA02073-CN-PCI China RELEASING BIOCIDES COMPANY 10/09/2013 201310467483.1 103518716 05/27/2015 201310467483.1 SYNERGISTIC ANTIMICROBIAL THE DOW CHEMICAL COMPOSITION COMPANY 09/15/2010 201080043271.5 102711459 07/09/2014 102711459 SYNERGISTIC ANTIMICROBIAL THE DOW CHEMICAL COMPOSITION COMPANY 09/15/2010 201080043271.5 102711459 07/09/2014 102711459 SYNERGISTIC ANTIMICROBIAL THE DOW CHEMICAL COMPOSITION COMPANY 06/13/2013 13171884.3 2687092 03/04/2015 02010022961.0 SYNERGISTIC ANTIMICROBIAL THE DOW CHEMICAL COMPOSITION COMPANY 06/13/2013 13171884.3 2687092 03/04/2015 02010022961.0 SYNERGISTIC ANTIMICROBIAL THE DOW CHEMICAL COMPOSITION COMPANY 06/13/2013 13171884.3 2687092 03/04/2015 02010022961.0 SYNERGISTIC ANTIMICROBIAL THE DOW CHEMICAL COMPOSITION COMPANY 06/13/2013 13171884.3 2687092 03/04/2015 02010022961.0 SYNERGISTIC ANTIMICROBIAL THE DOW CHEMICAL COMPOSITION COMPANY 06/13/2013 13171884.3 2687092 03/04/2015 02010022961.0 SYNERGISTIC ANTIMICROBIAL THE DOW CHEMICAL COMPOSITION COMPANY 06/13/2013 13171884.3 2687092 03/04/2015 02010022961.0 SYNERGISTIC ANTIMICROBIAL THE DOW CHEMICAL COMPOSITION COMP				09/13/2010	13/496945	2012-0178722	12/03/2013 8598147	
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AMA02073-AU-PC Australia			THE DOW CHEMICAL					
AMA02073-BR-PC Brazil  AMA02073-BR-ETI Germany  COMPOSITION  COMPANY  AMA02073-BR-ETI France  AMA02073-BR-ETI France	AMA02073-AU-PC Australia			09/15/2010	2010298539		01/23/2014 20102985	39
AMA02073-BR-PC Brazil  COMPOSITION  COMPANY  09/15/2010 112012006668-4  112012006668 01/02/2018 112012006688-4  SYNERGISTIC ANTIMICROBIAL COMPOSITION  CONTAINING ORTHO - PHENYLPHENOL AND PORMALDEHYDE THE DOW CHEMICAL ANTIMICROBIAL THE DOW CHEMICAL AMA02073-CN-PC China  COMPOSITION COMPANY COMP			THE DOW CHEMICAL					
ANTIMICROBIAL COMPOSITION CONTAINING ORTHO - PHENYLPHENOL AND FORMALDEHYDE THE DOW CHEMICAL SYNERGISTIC ANTIMICROBIAL THE DOW CHEMICAL COMPOSITION COMPOSITION  AMA02073-CN-PCI China  AMA02073-CN-PC China COMPOSITION COMPANY CO	AMA02073-BR-PC ⁻ Brazil			09/15/2010	112012006668-4	112012006668	01/02/2018 112012006	6668-4
ANTIMICROBIAL COMPOSITION CONTAINING ORTHO - PHENYLPHENOL AND FORMALDEHYDE THE DOW CHEMICAL SYNERGISTIC ANTIMICROBIAL THE DOW CHEMICAL COMPOSITION COMPOSITION  AMA02073-CN-PCI China  AMA02073-CN-PC China COMPOSITION COMPANY CO								
COMPOSITION CONTAINING ORTHO - PHENYLPHENOL AND FORMALDEHYDE FORMALDEHYDE FORMALDEHYDE COMPANY FORMANO2073-CN-PCI China AMA02073-CN-PCI China COMPOSITION COMPANY FORMANO2073-CN-PCI China COMPOSITION COMPANY COMPANY COMPOSITION COMPANY COMPANY COMPOSITION COMPANY COMPANY COMPOSITION COMPANY								
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SYNERGISTIC	AMA02073-CN-PCIChina			10/09/2013	201310467483.1	103518716	05/27/2015 201310467	7483.1
AMA02073-CN-PC China COMPOSITION COMPANY 09/15/2010 201080043271.5 102711459 07/09/2014 102711459  SYNERGISTIC ANTIMICROBIAL THE DOW CHEMICAL  AMA02073-DE-ETEGermany COMPOSITION COMPANY 06/13/2013 13171884.3 2687092 03/04/2015 602010022961.0  SYNERGISTIC ANTIMICROBIAL THE DOW CHEMICAL  AMA02073-FR-ETE France COMPOSITION COMPANY 06/13/2013 13171884.3 2687092 03/04/2015 2687092  SYNERGISTIC ANTIMICROBIAL THE DOW CHEMICAL  ANTIMICROBIAL THE DOW CHEMICAL  THE DOW CHEMICAL		SYNERGISTIC						0000000000
AMA02073-DE-ETEGERMANY COMPOSITION COMPANY O6/13/2013 13171884.3 2687092 03/04/2015 602010022961.0 SYNERGISTIC ANTIMICROBIAL THE DOW CHEMICAL  AMA02073-FR-ETE France COMPOSITION COMPANY O6/13/2013 13171884.3 2687092 03/04/2015 2687092 SYNERGISTIC ANTIMICROBIAL THE DOW CHEMICAL THE DOW CHEMICAL THE DOW CHEMICAL	AMA02073-CN-PC China			09/15/2010	201080043271.5	102711459	07/09/2014 102711459	9
AMA02073-DE-ETEGERMANY COMPOSITION COMPANY 06/13/2013 13171884.3 2687092 03/04/2015 602010022961.0 SYNERGISTIC ANTIMICROBIAL THE DOW CHEMICAL  AMA02073-FR-ETE France COMPOSITION COMPANY 06/13/2013 13171884.3 2687092 03/04/2015 2687092 SYNERGISTIC ANTIMICROBIAL THE DOW CHEMICAL			THE DOWN CHERMICAL					
ANTIMICROBIAL THE DOW CHEMICAL  AMA02073-FR-ETE France COMPOSITION COMPANY 06/13/2013 13171884.3 2687092 03/04/2015 2687092  SYNERGISTIC ANTIMICROBIAL THE DOW CHEMICAL	AMA02073-DE-ETI: Germany	COMPOSITION		06/13/2013	13171884.3	2687092	03/04/2015 602010022	2961.0
AMA02073-FR-ETL France COMPOSITION COMPANY 06/13/2013 13171884.3 2687092 03/04/2015 2687092  SYNERGISTIC  ANTIMICROBIAL THE DOW CHEMICAL			THE DOW CHEMICAL					
ANTIMICROBIAL THE DOW CHEMICAL	AMA02073-FR-ET[ France	COMPOSITION		06/13/2013	13171884.3	2687092	03/04/2015 2687092	annonnere
			THE DOW CHEMICAL					
	AMA02073-GB-ETI United Kingdom			06/13/2013	13171884 3	2687092	03/04/2015 2687092	

	SYNERGISTIC					
AMA02073-IN-PCT India	ANTIMICROBIAL COMPOSITION	THE DOW CHEMICAL COMPANY	00/15/2010	1949/DELNP/2012	1040/DELNID/3	00/20/2016 275070
AMAUZU/3-IN-PC1 IIIUId	COMPOSITION	COMPANT	09/15/2010	1949/DELNP/2012	1949/DELINP/2	09/28/2016 275978
	SYNERGISTIC					
	ANTIMICROBIAL COMPOSITION					
	CONTAINING ORTHO					
	- PHENYLPHENOL					
	AND FORMALDEHYDE	THE DOW CHEMICAL				
AMA02073-JP-PCT Japan	RELEASING BIOCIDES		09/15/2010	2012-529857	2013-504624	01/10/2014 5449563
	SYNERGISTIC					
	ANTIMICROBIAL	THE DOW CHEMICAL				
AMA02073-PL-ETC Poland	COMPOSITION SYNERGISTIC	COMPANY	06/13/2013	13171884.3	2687092	03/04/2015 2687092
	ANTIMICROBIAL	THE DOW CHEMICAL				
AMA02073-RU-PC Russian Federation	COMPOSITION	COMPANY	09/15/2010	2012116401		02/26/2014 2525727
_	SYNERGISTIC					
United States Of AMA02073-US-PC America	ANTIMICROBIAL COMPOSITION	THE DOW CHEMICAL COMPANY	09/15/2010	13/406046	2012 0194426	05/21/2012 9445521
AMAU2073-03-PC America	SYNERGISTIC	COMPANT	09/15/2010	15/490940	2012-0184436	05/21/2013 8445521
	ANTIMICROBIAL					
	COMPOSITION					
	CONTAINING GLUTARALDEHYDE					
	AND DIMETHOXANE					
	(2, 6 -DIMETHYL-1, 3	-				
	DIOXAN- 4 -YL	THE DOW CHEMICAL				
AMA02074-AU-PC Australia	ACETATE)	COMPANY	09/15/2010	2010300957		05/23/2013 2010300957
	SYNERGISTIC ANTIMICROBIAL					
	COMPOSITION					
	CONTAINING					
	GLUTARALDEHYDE					
	AND DIMETHOXANE (2, 6 -DIMETHYL-1, 3	_				
	DIOXAN- 4 -YL	THE DOW CHEMICAL				
AMA02074-BR-PC Brazil	ACETATE)	COMPANY	09/15/2010	112012006672-2	112012006672	01/02/2018 112012006672-2
	SYNERGISTIC ANTIMICROBIAL					
	COMPOSITION					
	CONTAINING					
	GLUTARALDEHYDE					
	AND DIMETHOXANE (2, 6 -DIMETHYL-1, 3					
	DIOXAN- 4 -YL	THE DOW CHEMICAL				
AMA02074-CN-PC China	ACETATE)	COMPANY	09/15/2010	201080044968.4	102724871	02/05/2014 201080044968.4
	SYNERGISTIC					
	ANTIMICROBIAL COMPOSITION					
	CONTAINING					
	GLUTARALDEHYDE					
	AND DIMETHOXANE					
	(2, 6 -DIMETHYL-1, 3 DIOXAN- 4 -YL	THE DOW CHEMICAL				
AMA02074-DE-EP1Germany	ACETATE)	COMPANY	09/15/2010	10757133.3	2458987	07/10/2013 602010008490.6
,	SYNERGISTIC					
	ANTIMICROBIAL					
	COMPOSITION CONTAINING					
	GLUTARALDEHYDE					
	AND DIMETHOXANE					
	(2, 6 -DIMETHYL-1, 3					
AMA02074-FR-EPT France	DIOXAN- 4 -YL ACETATE)	THE DOW CHEMICAL COMPANY	09/15/2010	10757133 2	2458987	07/10/2013 2458987
CHANGE CARLET FEIGHTE	THE TOTAL	COMMINIATE	03/12/5010.	101311333	£430301	01/10/2013 5430301

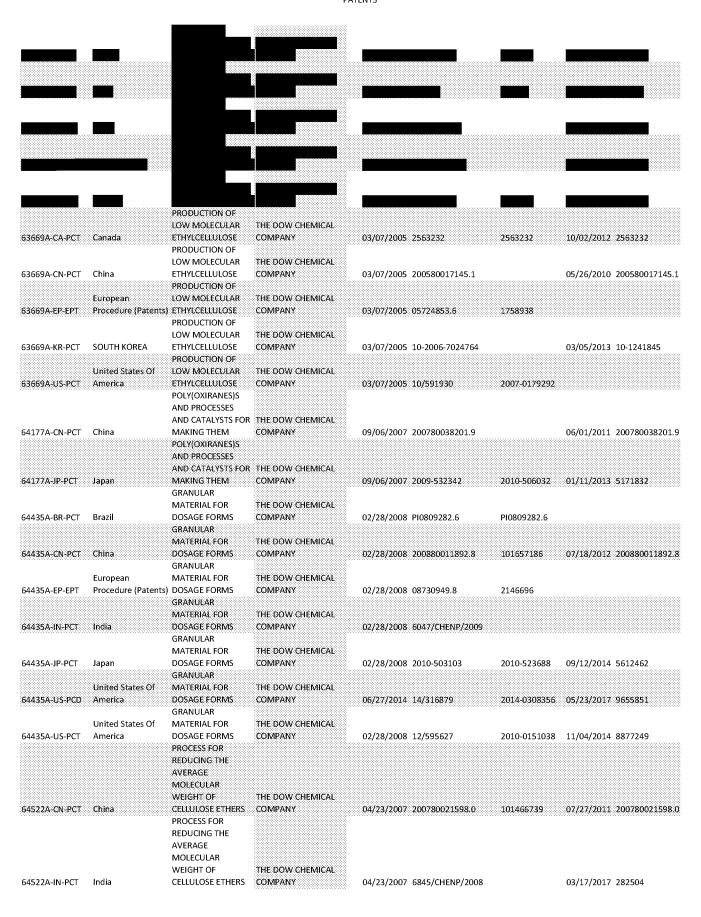
AMA02074-IN-PCT India	VINERGISTIC VINTIMICROBIAL DIMPOSITION DONTAINING LUTARALDEHYDE ND DIMETHYL-1, 3 - 10XAN- 4 - YL CETATE) VINERGISTIC NTIMICROBIAL DIMPOSITION DINTAINING LUTARALDEHYDE ND DIMETHYL-1, 3 - 10XAN- 4 - YL CETATE) VINERGISTIC NTODIMETHYL-1, 3 - 10XAN- 4 - YL CETATE) VINERGISTIC	THE DOW CHEMICAL	09/15/2010 10757133.3 09/15/2010 1950/DELNP/201		07/10/2013 2458987 04/21/2017 282673
AN CC CC GL	NTIMICROBIAL  DMPOSITION  DNTAINING  LUTARALDEHYDE  ND DIMETHOXANE				
(2, DH AMA02074-JP-PCT Japan AC SY	., 6 -DIMETHYL-1, 3 - IOXAN- 4 -YL CETATE) YNERGISTIC NTIMICROBIAL	THE DOW CHEMICAL COMPANY	09/15/2010 2012-529858	2013-504625	09/06/2013 5356601
CC CC GL AN (2,	OMPOSITION ONTAINING LUTARALDEHYDE ND DIMETHOXANE 1, 6 -DIMETHYL-1, 3 - IOXAN-4 -YL	THE DOW CHEMICAL COMPANY (	09/15/2010 2012117570		12/20/2013 2501218
SY AN CC CC GL	(NERGISTIC NTIMICROBIAL OMPOSITION ONTAINING LUTARALDEHYDE				
	ND DIMETHOXANE !, 6 -DIMETHYL-1, 3 -				
, ,	IOXAN- 4 -YL	THE DOW CHEMICAL			
SY AM AMA02080-AU-PC Australia CC	Cetate) (Nergistic Ntimicrobial Omposition (Nergistic	THE DOW CHEMICAL	09/15/2010 13/496953 10/10/2013 2013242826	2012-0178800	10/15/2013 8557862
AMA02080-AU-PC Australia CC SY AN	ntimicrobial Omposition (nergistic ntimicrobial Omposition	THE DOW CHEMICAL	10/10/2013 2013242825 10/08/2010 2010308421		05/21/2015 2013242825 02/20/2014 2010308421
AMA02080-BR-PCI Brazil CC SY	(nergistic ntimicrobial omposition (nergistic ntimicrobial	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL	04/20/2017 122017008236-1		01/16/2018 122017008236-1
SY AN AMA02080-CN-PCI China CC	OMPOSITION  /NERGISTIC  NTIMICROBIAL  OMPOSITION	THE DOW CHEMICAL	16/08/2010 112012009146.8 07/09/2013 201310287415.7	112012009146 103340212	11/07/2017 112012009146.8
AMA02080-CN-PCI China CC SY	(nergistic ntimicrobial dmposition (nergistic ntimicrobial	THE DOW CHEMICAL COMPANY (	07/09/2013 201310286540.6	103329933 (	01/14/2015 201310286540.6
AMA02080-DE-EPT Germany CC SY AM	NTIMICROBIAL OMPOSITION (NERGISTIC NTIMICROBIAL OMPOSITION	COMPANY THE DOW CHEMICAL	10/08/2010 10766196.9 06/19/2013 13172706.7		12/11/2013 602010012398.7 03/04/2015 602010022962.9

	SYNERGISTIC				
	ANTIMICROBIAL	THE DOW CHEMICAL			/ /
AMA02080-DE-ETI Germany	COMPOSITION SYNERGISTIC	COMPANY	06/19/2013 13172707.5	2695518	07/15/2015 602010025987.0
	ANTIMICROBIAL	THE DOW CHEMICAL			
AMA02080-FR-EPT France	COMPOSITION	COMPANY	10/08/2010 10766196.9	2485588	12/11/2013 2485588
	SYNERGISTIC				
	ANTIMICROBIAL	THE DOW CHEMICAL			
AMA02080-FR-ETE France	COMPOSITION	COMPANY	06/19/2013 13172706.7	2681998	03/04/2015 2681998
	SYNERGISTIC ANTIMICROBIAL	THE DOW CHEMICAL			
AMA02080-FR-ETE France	COMPOSITION	COMPANY	06/19/2013 13172707.5	2695518	07/15/2015 2695518
	SYNERGISTIC				
	ANTIMICROBIAL	THE DOW CHEMICAL			
AMA02080-GB-EP ⁻ United Kingdom	COMPOSITION	COMPANY	10/08/2010 10766196.9	2485588	12/11/2013 2485588
	SYNERGISTIC ANTIMICROBIAL	THE DOW CHEMICAL			
AMA02080-GB-ETI United Kingdom	COMPOSITION	COMPANY	06/19/2013 13172706.7	2681998	03/04/2015 2681998
::::::::::::::::::::::::::::::::::::::	SYNERGISTIC				
	ANTIMICROBIAL	THE DOW CHEMICAL			
AMA02080-GB-ETI United Kingdom	COMPOSITION	COMPANY	06/19/2013 13172707.5	2695518	07/15/2015 2695518
	SYNERGISTIC	THE BOLL CHEMICAL			
AMA02080-IN-PCT India	ANTIMICROBIAL COMPOSITION	THE DOW CHEMICAL COMPANY	10/08/2010 3567/DELNP/2012	3567/DELNP/2	03/24/2017 281732
MINOZOGO III FEI Mela	SYNERGISTIC	www.	10/00/2016 300//DECH /2012	3357700011172	03/24/2017 2017/32
	ANTIMICROBIAL	THE DOW CHEMICAL			
AMA02080-JP-PCD Japan	COMPOSITION	COMPANY	11/07/2014 2014-226892	2015-061849	
	SYNERGISTIC				
AMA02080-JP-PCE Japan	ANTIMICROBIAL COMPOSITION	THE DOW CHEMICAL COMPANY	10/28/2016 2016-211842	2017-052771	04/27/2018 6328726
Alviauzuou-ir-r-ct iapan	SYNERGISTIC	COMPANT	10/20/2010 2010-211042	2017-032771	04/27/2016 0328/20
	ANTIMICROBIAL	THE DOW CHEMICAL			
AMA02080-JP-PCT Japan	COMPOSITION	COMPANY	10/08/2010 2012-535228	2013-508369	01/09/2015 5677445
	SYNERGISTIC				
AMMAGGOOD BLEDT DALLE A	ANTIMICROBIAL COMPOSITION	THE DOW CHEMICAL COMPANY	10/09/2010 10205100.0	3405500	12/11/2012 340FF00
AMA02080-PL-EPT Poland	SYNERGISTIC	COMPANT	10/08/2010 10766196.9	2485588	12/11/2013 2485588
	ANTIMICROBIAL	THE DOW CHEMICAL			
AMA02080-PL-ETC Poland	COMPOSITION	COMPANY	06/19/2013 13172706.7	2681998	03/04/2015 2681998
	SYNERGISTIC				
AAAAAAAAAA	ANTIMICROBIAL	THE DOW CHEMICAL	00/10/2013 12177777	2005510	07/45/2015 2005540
AMA02080-PL-ETE Poland	COMPOSITION SYNERGISTIC	COMPANY	06/19/2013 13172707.5	2695518	07/15/2015 2695518
	ANTIMICROBIAL	THE DOW CHEMICAL			
AMA02080-RU-PC Russian Federation	COMPOSITION	COMPANY	10/08/2010 2012120578		08/20/2014 2525921
	SYNERGISTIC				
United States Of	ANTIMICROBIAL	THE DOW CHEMICAL COMPANY	02/10/2016 15/040010	2016 0100210	00/27/2017 0000000
AMA02080-US-PCI America	COMPOSITION SYNERGISTIC	COMPANT	02/10/2016 15/040019	2010-0198/13	06/27/2017 9686996
United States Of	ANTIMICROBIAL	THE DOW CHEMICAL			
AMA02080-US-PC America	COMPOSITION	COMPANY	10/08/2010 13/500220	2012-0196836	03/22/2016 9290710
	HAZE-FREE				
	CELLULOSE ETHER				
	CAPSULES AND PROCESS FOR	THE DOW CHEMICAL			
44243-BR-PCT Brazil	MAKING	COMPANY	04/12/2000 PI0011141.4		12/28/2010 PI0011141.4
	HAZE-FREE				
	CELLULOSE ETHER				
	CAPSULES AND	THE BOLL CHE SEE			
44243-CA-PCT Canada	PROCESS FOR MAKING	THE DOW CHEMICAL COMPANY	04/12/2000 2370294	2370294	12/02/2008 2370294
44243-CA-FCI Callada	HAZE-FREE	COIM AIVI	04/12/2000 23/0234	2370294	12/02/2008 23/0254
	CELLULOSE ETHER				
	CAPSULES AND				
44243 CO NO. C. C. L. L.	PROCESS FOR	THE DOW CHEMICAL	04/10/2000 0002222F	467	40/34/3005 32533
44243-CO-NP Colombia	Making Haze-free	COMPANY	04/19/2000 00029095	467	10/24/2006 28632
	CELLULOSE ETHER				
	CAPSULES AND				
	PROCESS FOR	THE DOW CHEMICAL	a. Italians		00 100 1000
44243-DE-EPT Germany	MAKING	COMPANY	04/12/2000 00925943.3	1173487	08/30/2006 1173487

		TAXZE EBEE					
		HAZE-FREE CELLULOSE ETHER					
		CAPSULES AND					
		PROCESS FOR	THE DOW CHEMICAL				
44243-ES-EPT	Spain	MAKING	COMPANY	04/12/2000 0092	25943.3	1173487	08/30/2006 ES2265937
		HAZE-FREE CELLULOSE ETHER					
		CAPSULES AND					
		PROCESS FOR	THE DOW CHEMICAL				
44243-FR-EPT	France	MAKING	COMPANY	04/12/2000 0092	25943.3	1173487	08/30/2006 1173487
		HAZE-FREE					
		CELLULOSE ETHER CAPSULES AND					
		PROCESS FOR	THE DOW CHEMICAL				
44243-GB-EPT	United Kingdom	MAKING	COMPANY	04/12/2000 0092	25943.3	1173487	08/30/2006 1173487
		HAZE-FREE					
		CELLULOSE ETHER					
		CAPSULES AND PROCESS FOR	THE DOW CHEMICAL				
44243-IT-EPT	Italy	MAKING	COMPANY	04/12/2000 0092	25943 3	1173487	08/30/2006 1173487
	,	HAZE-FREE		0 1/ 12/ 2000 0001			20,00,2000 21.0.0.
		CELLULOSE ETHER					
		CAPSULES AND					
44243-JP-PCD	Japan	PROCESS FOR MAKING	THE DOW CHEMICAL COMPANY	04/07/2010 2010	n nganza	2010-222585	OE/20/2011 47#6176
44243-31-1-CD	aahan	HAZE-FREE	COWEAN	04/07/2010 2010	3-000510	2010-222363	05/20/2011 4746139
		CELLULOSE ETHER					
		CAPSULES AND					
44343 NAV DCT	Bandan	PROCESS FOR	THE DOW CHEMICAL	04/12/2000 2001	1 /01 06 10		07/00/2004 224247
44243-MX-PCT	Mexico	MAKING PROCESS AND	COMPANY	04/12/2000 2001	1/010649		07/08/2004 221317
		APPARATUS FOR					
		MAKING LOW					
		MOLECULAR	THE BOIL OUT 400.				
44413-BE-EPT	Belgium	WEIGHT CELLULOSE ETHERS	THE DOW CHEMICAL COMPANY	10/07/1999 9995	53103 1	1141029	05/28/2003 1141029
-+44137BL7LF1	Deigium	PROCESS AND	COMI ANT	10/07/1333 333.	33103.1	1141025	03/20/2003 1141023
		APPARATUS FOR					
		MAKING LOW					
		MOLECULAR WEIGHT CELLULOSE	THE DOW CHEMICAL				
44413-DE-EPT	Germany	ETHERS	COMPANY	10/07/1999 9995	53103.1	1141029	05/28/2003 69908416.4
	,	PROCESS AND					,,
		APPARATUS FOR					
		MAKING LOW MOLECULAR					
			THE DOW CHEMICAL				
44413-ES-EPT	Spain	ETHERS	COMPANY	10/07/1999 9999	53103.1	1141029	05/28/2003 1141029
		PROCESS AND					
		APPARATUS FOR					
		MAKING LOW MOLECULAR					
			THE DOW CHEMICAL				
44413-FR-EPT	France	ETHERS	COMPANY	10/07/1999 9995	53103.1	1141029	05/28/2003 1141029
		PROCESS AND					
		APPARATUS FOR MAKING LOW					
		MOLECULAR					
		WEIGHT CELLULOSE	THE DOW CHEMICAL				
44413-GB-EPT	United Kingdom	ETHERS	COMPANY	10/07/1999 9995	53103.1	1141029	05/28/2003 1141029
		PROCESS AND APPARATUS FOR					
		MAKING LOW					
		MOLECULAR					
		WEIGHT CELLULOSE	THE DOW CHEMICAL				
44413-IT-EPT	Italy	ETHERS	COMPANY	10/07/1999 9995	53103.1	1141029	05/28/2003 1141029
		PROCESS AND APPARATUS FOR					
		MAKING LOW					
		MOLECULAR					
			THE DOW CHEMICAL	2 A 1 a = 1 · = 2			
44413-JP-PCT	Japan	ETHERS	COMPANY	10/07/1999 2000	0-585277		10/26/2012 5117646

		PROCESS AND APPARATUS FOR					
		MAKING LOW MOLECULAR					
44442 NAV DOT	Mayisa	WEIGHT CELLULOSE ETHERS	THE DOW CHEMICAL COMPANY	10/07/1000	2004/005547		01/12/2004 218052
44413-MX-PCT	Mexico	PROCESS AND APPARATUS FOR MAKING LOW MOLECULAR		10/07/1399	2001/005517		01/12/2004 218653
44413-NL-EPT	Netherlands	WEIGHT CELLULOSE ETHERS	THE DOW CHEMICAL COMPANY	10/07/1999	99953103.1	1141029	05/28/2003 1141029
***************************************		CELLULOSE ETHER					
		HAVING ENHANCED GEL STRENGTH AND					
		COMPOSITIONS	THE DOW CHEMICAL	/ /			
44554-BE-EPT	Belgium	CONTAINING IT CELLULOSE ETHER HAVING ENHANCED GEL STRENGTH AND	COMPANY	03/31/2000	00918528.1	1171471	12/17/2003 1171471
44554-DE-EPT	Germany	COMPOSITIONS CONTAINING IT	THE DOW CHEMICAL COMPANY	03/31/2000	00918528.1	1171471	12/17/2003 60007298.3
		CELLULOSE ETHER HAVING ENHANCED GEL STRENGTH AND					
		COMPOSITIONS	THE DOW CHEMICAL				
44554-GB-EPT	United Kingdom	CONTAINING IT CELLULOSE ETHER	COMPANY	03/31/2000	00918528.1	1171471	12/17/2003 1171471
		HAVING ENHANCED GEL STRENGTH AND COMPOSITIONS	THE DOW CHEMICAL				
44554-JP-PCD[3]	Japan	CONTAINING IT CELLULOSE ETHER HAVING ENHANCED	COMPANY	12/19/2011	2011-277398	2012-097269	
		GEL STRENGTH AND COMPOSITIONS	THE DOW CHEMICAL				
44554-JP-PCD[4]	Japan	CONTAINING IT	COMPANY	11/19/2014	2014-234552	2015-071779	04/15/2016 5918339
		CELLULOSE ETHER HAVING ENHANCED GEL STRENGTH AND COMPOSITIONS	THE DOW CHEMICAL				
44554-KR-PCT	SOUTH KOREA	CONTAINING IT CELLULOSE ETHER HAVING ENHANCED	COMPANY	03/31/2000	10-2001-7012491	10-2002-00007	12/20/2006 0661918
44554-MX-PCT	Mexico	GEL STRENGTH AND COMPOSITIONS CONTAINING IT	THE DOW CHEMICAL	03/31/2000	PA/A/01/009920		08/01/2006 239127
		CELLULOSE ETHER HAVING ENHANCED GEL STRENGTH AND		,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		,,,,,
44554-NL-EPT	Netherlands	COMPOSITIONS CONTAINING IT PROCESS FOR	THE DOW CHEMICAL COMPANY	03/31/2000	00918528.1	1171471	12/17/2003 1171471
		MAKING CELLULOSE ETHERS HAVING REDUCED YELLOWING AND	THE DOW CHEMICAL				
60035-BE-EPT	Belgium	DISCOLORATION PROCESS FOR MAKING CELLULOSE ETHERS HAVING REDUCED	COMPANY	05/26/2000	00936349.0	1194452	05/21/2003 1194452
60035-CN-PCT	China	YELLOWING AND DISCOLORATION PROCESS FOR MAKING CELLULOSE ETHERS HAVING REDUCED	THE DOW CHEMICAL COMPANY	05/26/2000	00808165.4	1353720	04/21/2004 00808165.4
60035-DE-EPT	Germany	YELLOWING AND DISCOLORATION	THE DOW CHEMICAL COMPANY	05/26/2000	00936349.0	1194452	05/21/2003 60002871.2

PROCESS FOR MAKING CELLULOSE ETHERS HAVING REDUCED YELLOWING AND DISCOLORATION PROCESS FOR MAKING CELLULOSE ETHERS HAVING	THE DOW CHEMICAL COMPANY 05/26/2000 00936349.0 1194452 05/21/2003 1194452
REDUCED YELLOWING AND DISCOLORATION PROCESS FOR MAKING CELLULOSE ETHERS HAVING REDUCED YELLOWING AND DISCOLORATION PROCESS FOR	THE DOW CHEMICAL COMPANY 05/26/2000 2001-506689 04/05/2013 5236849
MAKING CELLULOSE ETHERS HAVING REDUCED YELLOWING AND DISCOLORATION PROCESS FOR MAKING CELLULOSE ETHERS HAVING REDUCED YELLOWING AND OO035-MX-PCT Mexico DISCOLORATION	THE DOW CHEMICAL COMPANY 05/26/2000 2001-7016602 10-2002-00168 12/21/2006 0662225
PROCESS FOR MAKING CELLULOSE ETHERS HAVING REDUCED YELLOWING AND DISCOLORATION PROCESS FOR PREPARING ALKYL United States Of HYDROXYALKYL CELLULOSE ETHERS	





Schedule A to IP Assignment Agreement

	LICE OF CRECIAL				
	USE OF SPECIAL SCREENS IN THE				
	PREPARATION OF	THE DOW CHEMICAL			
64655A-BE-EPT Belgium	CELLULOSE POWDER	COMPANY	04/12/2007 07775308.5	2024397	06/08/2016 2024397
	USE OF SPECIAL				
	SCREENS IN THE				
2,222,000,000	PREPARATION OF	THE DOW CHEMICAL			
64655A-CN-PCT China	CELLULOSE POWDER	COMPANY	04/12/2007 200780016926.8	101443362	01/25/2012 200780016926.8
	USE OF SPECIAL				
	SCREENS IN THE				
64655A-DE-EPT Germany	PREPARATION OF CELLULOSE POWDER	THE DOW CHEMICAL	04/12/2007 07775308.5	2024397	06/08/2016 602007046603.2
510551.52.1.			0.7.12,200.	202.1037	00/00/2010 00200701000012
	USE OF SPECIAL				
	SCREENS IN THE PREPARATION OF	THE DOW CHEMICAL			
64655A-JP-PCT Japan	CELLULOSE POWDER		04/12/2007 2009-510945	2009-537309	
	USE OF SPECIAL SCREENS IN THE				
	PREPARATION OF	THE DOW CHEMICAL			
64655A-KR-PCT SOUTH KOREA	CELLULOSE POWDER	COMPANY	04/12/2007 2008-7027980		09/22/2014 10-1445270
	USE OF SPECIAL				
	SCREENS IN THE				
	PREPARATION OF	THE DOW CHEMICAL			
64655A-MX-PCT Mexico	CELLULOSE POWDER IN SITU, LIQUID-	COMPANY	04/12/2007 MX/a/08/014634	MX/a/08/0146	06/03/2015 330486
	ACTIVATED FILM				
	COATED TABLETS				
65043A-CH-EPT Switzerland	MAKING THE SAME	THE DOW CHEMICAL COMPANY	06/02/2008 08756594.1	2164343	12/09/2015 2164343
330.01.01.01.01	IN SITU, LIQUID-				
	ACTIVATED FILM				
	COATED TABLETS  AND A PROCESS FOR	THE DOW CHEMICAL			
65043A-CN-PCT China	MAKING THE SAME	COMPANY	06/02/2008 200880022518.8	101686714	11/27/2013 200880022518.8
	IN SITU, LIQUID-				
	ACTIVATED FILM COATED TABLETS				
		THE DOW CHEMICAL			
65043A-DE-EPT Germany	MAKING THE SAME	COMPANY	06/02/2008 08756594.1	2164343	12/09/2015 2164343
	IN SITU, LIQUID- ACTIVATED FILM				
	COATED TABLETS				
CEASON ED EDE		THE DOW CHEMICAL	00/03/3008 887505844	2464242	ACHONIDOAE DACACAD
65043A-FR-EPT France	MAKING THE SAME IN SITU, LIQUID-	COMPANY	06/02/2008 08756594.1	2164343	12/09/2015 2164343
	ACTIVATED FILM				
	COATED TABLETS	THE DOWN CHERMON			
65043A-GB-EPT United Kingdom	MAKING THE SAME	THE DOW CHEMICAL COMPANY	06/02/2008 08756594.1	2164343	12/09/2015 2164343
<u> </u>	IN SITU, LIQUID-				. ,
	ACTIVATED FILM				
	COATED TABLETS AND A PROCESS FOR	THE DOW CHEMICAL			
65043A-IE-EPT Ireland	MAKING THE SAME	COMPANY	06/02/2008 08756594.1	2164343	12/09/2015 2164343
	IN SITU, LIQUID-				
	ACTIVATED FILM COATED TABLETS				
		THE DOW CHEMICAL			
65043A-IN-PCT India	MAKING THE SAME	COMPANY	06/02/2008 37/CHENP/2010		

		IN SITU, LIQUID- ACTIVATED FILM COATED TABLETS					
65043A-JP-PCT	Japan	AND A PROCESS FOR MAKING THE SAME	THE DOW CHEMICAL COMPANY	06/02/2008	2010-514921	2010-532362	08/09/2013 5336483
		IN SITU, LIQUID- ACTIVATED FILM					
	United States Of	COATED TABLETS AND A PROCESS FOR	THE DOW CHEMICAL				
65043A-US-PCT	America	MAKING THE SAME	COMPANY	06/02/2008	12/665499	2010-0215812	07/15/2014 8778399
		CATALYSTS FOR					
65090A-JP-PCT	Japan	ALKYLENE OXIDE POLYMERIZATION	THE DOW CHEMICAL COMPANY	02/28/2008	2010-506351	2010-525147	06/28/2013 5302298
		HIGHLY ACTIVE CATALYSTS FOR					
65090A-US-PCT	United States Of America	ALKYLENE OXIDE POLYMERIZATION	THE DOW CHEMICAL COMPANY	02/28/2008	12/597623	2010-0197873	09/25/2012 8273678
5565671 651 61		WATER DISPERSIBLE POLYMER	THE DOW CHEMICAL	32, 23, 2333	12,037,023	2010 0137070	05,25,2012 0270070
65206A-BR-PCT	Brazil	COMPOSITIONS	COMPANY	02/28/2008	PI0810353.4		
		WATER DISPERSIBLE POLYMER	THE DOW CHEMICAL				
65206A-CA-PCD	Canada	COMPOSITIONS WATER DISPERSIBLE	COMPANY	04/15/2015	2888059		01/17/2017 2888059
65206A-CA-PCT	Canada	POLYMER COMPOSITIONS	THE DOW CHEMICAL COMPANY	02/28/2008	2685745	2685745	04/26/2016 2685745
		WATER DISPERSIBLE POLYMER	THE DOW CHEMICAL				
65206A-CN-PCT	China	COMPOSITIONS WATER DISPERSIBLE	COMPANY	02/28/2008	200880014786.5	101896171	02/29/2012 200880014786.5
COREA ES EST	European	POLYMER	THE DOW CHEMICAL	aataataaa	OBTGOODS &	24.044.24	
65206A-EP-EPT	Procedure (Patents)	WATER DISPERSIBLE	COMPANY	02/28/2008	08730938.9	2164474	
65206A-IN-PCT	India	POLYMER COMPOSITIONS	THE DOW CHEMICAL COMPANY	02/28/2008	6580/CHENP/2009		10/26/2017 288779
		WATER DISPERSIBLE POLYMER	THE DOW CHEMICAL				
65206A-JP-PCT	Japan	COMPOSITIONS WATER DISPERSIBLE	COMPANY	02/28/2008	2010-507489	2010-530440	07/12/2013 5314004
65206A-US-DIV	United States Of America	POLYMER COMPOSITIONS	THE DOW CHEMICAL COMPANY	11/06/2009	12/614089	2010-0048751	07/09/2013 8481114
	United States Of	WATER DISPERSIBLE POLYMER	THE DOW CHEMICAL				,,
65206A-US-PCT	America	COMPOSITIONS	COMPANY	02/28/2008	12/599179	2010-0221546	02/26/2013 8383198
65530-BR-PCT	Brazil	MELT-EXTRUDED FILM	THE DOW CHEMICAL COMPANY	02/25/2011	112012018818.6		
	European	MELT-EXTRUDED	THE DOW CHEMICAL				
65530-EP-EPT	Procedure (Patents)	FILM MELT-EXTRUDED	COMPANY THE DOW CHEMICAL	02/25/2011	11708364.2	2555912	
65530-IN-PCT	India	FILM MELT-EXTRUDED	COMPANY THE DOW CHEMICAL	02/25/2011	8263/CHENP/2012	8263/CHENP/20	12
65530-JP-PCT	Japan	FILM MELT-EXTRUDED	COMPANY THE DOW CHEMICAL	02/25/2011	2013-501274	2013-523482	10/23/2015 5827310
65530-KR-PCT	SOUTH KOREA	FILM METHOD FOR	COMPANY	02/25/2011	10-2012-7027921	10-2013-00695	03/07/2018 10-1837927
		PREPARING VERY LOW VISCOSITY					
TOOPS, IN DOT	ta alta	CELLULOSE ETHER AND PRODUCT	THE DOW CHEMICAL	14 (05 (2000	norodourun (2010		OD/00/2042 30/02B
65659A-IN-PCT	India	CELLULOSE ETHER	COMPANY	11/05/2008	2650/CHENP/2010		08/30/2017 286828
			THE DOW CHEMICAL				
65706A-CN-PCT	China	METHOD CELLULOSE ETHER	COMPANY	11/05/2008	200880115032.9	101848965	08/29/2012 200880115032.9
		COATING COMPOSITIONS AND	THE DOW CHEMICAL				
65706A-DE-EPT	Germany	METHOD CELLULOSE ETHER	COMPANY	11/05/2008	08846333.6	2220157	08/17/2016 602008045778.8
		COATING	THE DOW CHEMICAL				
65706A-DE-ETD	Germany	METHOD	COMPANY	03/18/2011	11002238.1	2325247	10/08/2014 602008034874.4

	CELLULOSE ETHER COATING COMPOSITIONS AND	THE DOW CHEMICAL				
65706A-FR-EPT France	METHOD CELLULOSE ETHER COATING	COMPANY	11/05/2008	08846333.6	2220157	08/17/2016 2220157
65706A-FR-ETD France	COMPOSITIONS AND METHOD CELLULOSE ETHER COATING	THE DOW CHEMICAL COMPANY	03/18/2011	11002238.1	2325247	10/08/2014 2325247
65706A-GB-EPT United Kingdom	COMPOSITIONS AND METHOD CELLULOSE ETHER	THE DOW CHEMICAL COMPANY	11/05/2008	08846333.6	2220157	08/17/2016 2220157
65706A-GB-ETD United Kingdom	COATING COMPOSITIONS AND METHOD	THE DOW CHEMICAL	03/18/2011	11002238.1	2325247	10/08/2014 2325247
	CELLULOSE ETHER COATING COMPOSITIONS AND	THE DOW CHEMICAL				
65706A-IE-EPT Ireland	METHOD CELLULOSE ETHER COATING	COMPANY	11/05/2008	08846333.6	2220157	08/17/2016 2220157
65706A-IE-ETD Ireland	METHOD CELLULOSE ETHER	THE DOW CHEMICAL COMPANY	03/18/2011	11002238.1	2325247	10/08/2014 2325247
65706A-IN-PCT India	COATING COMPOSITIONS AND METHOD CELLULOSE ETHER	THE DOW CHEMICAL COMPANY	11/05/2008	2649/CHENP/2010		10/06/2017 288142
65706A-JP-PCD Japan	COATING	THE DOW CHEMICAL	12/03/2013	2013-249959	2014-074176	05/15/2015 5745016
	CELLULOSE ETHER COATING	THE DOW CHEMICAL	-2, 33, 2313			3,2,202
65706A-KR-PCD SOUTH KOREA	METHOD CELLULOSE ETHER COATING	COMPANY	02/26/2015	10-2015-7005143		02/22/2016 10-1598009
65706A-KR-PCT SOUTH KOREA	METHOD CELLULOSE ETHER	THE DOW CHEMICAL COMPANY	11/05/2008	2010-7010205	2010-0088606	09/23/2015 10-1556517
United States Of 65706A-US-PCT America	METHOD	THE DOW CHEMICAL COMPANY	11/05/2008	12/741769	2010-0275814	12/30/2014 8920553
65802-CH-EPT Switzerland 65802-CN-PCT China	MULTILAYER MELT- EXTRUDED FILM MULTILAYER MELT- EXTRUDED FILM	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	02/25/2011	11707305.6 201180016068.3	2552402 102821754	11/23/2016 2552402 06/18/2014 201180016068.3
65802-DE-EPT Germany	MULTILAYER MELT- EXTRUDED FILM MULTILAYER MELT-	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	02/25/2011		2552402	11/23/2016 602011032659.7
65802-FR-EPT France 65802-GB-EPT United Kingdom	EXTRUDED FILM MULTILAYER MELT- EXTRUDED FILM	COMPANY THE DOW CHEMICAL COMPANY	02/25/2011		2552402 2552402	11/23/2016 2552402 11/23/2016 2552402
65802-IE-EPT Ireland	MULTILAYER MELT- EXTRUDED FILM MULTILAYER MELT-	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	02/25/2011		2552402	11/23/2016 2552402
65802-JP-PCT Japan 65802-SE-EPT Sweden	EXTRUDED FILM MULTILAYER MELT- EXTRUDED FILM A PROCESS FOR DRY	COMPANY THE DOW CHEMICAL COMPANY	02/25/2011		2013-523635 2552402	05/22/2015 5749790 11/23/2016 2552402
65998-CN-PCT China	A PROCESS FOR DRY- GRINDING A POLYSACCHARIDE DERIVATIVE	THE DOW CHEMICAL COMPANY	08/31/2010	201080046615.8	102597068	10/01/2014 201080046615.8
European	A PROCESS FOR DRY- GRINDING A POLYSACCHARIDE	THE DOW CHEMICAL	00/31/2010	201000040013.8	102357000	10/01/2014 201000040013.0
65998-EP-EPT Procedure (Patents)	DERIVATIVE A PROCESS FOR DRY- GRINDING A	COMPANY	08/31/2010	10750004.3	2488571	
65998-JP-PCT Japan	POLYSACCHARIDE DERIVATIVE	THE DOW CHEMICAL COMPANY	08/31/2010	2012-534194	2013-508473	03/13/2015 5711243

		A PROCESS FOR DRY- GRINDING A POLYSACCHARIDE	THE DOW CHEMICAL				
65998-KR-PCT	SOUTH KOREA	DERIVATIVE PROCESS FOR DRY-	COMPANY	08/31/2010 10	)-2012-7012002	10-2012-01009	04/14/2017 10-1728745
	United States Of	GRINDING A POLYSACCHARIDE	THE DOW CHEMICAL				
65998-US-PCT	America	DERIVATIVE	COMPANY	08/31/2010 13	3/391337	2012-0187225	05/20/2014 8727246
		PROCESS FOR PREPARING OLEFIN					
		OXIDE					
67123-CA-PCT	Canada	POLYMERIZATION CATALYST	THE DOW CHEMICAL COMPANY	01/21/2013 28	k61325		
5/163 57 (5)	5411004	PROCESS FOR	esim, iii	04/24/2013 20	,01929		
		PREPARING OLEFIN OXIDE					
	European	POLYMERIZATION	THE DOW CHEMICAL				
67123-EP-EPT	Procedure (Patents)		COMPANY	01/21/2013 13	3702554.0	2809704	
		PROCESS FOR PREPARING OLEFIN					
		OXIDE					
67123-IN-PCT	India	POLYMERIZATION CATALYST	THE DOW CHEMICAL COMPANY	01/21/2013 57	758/CHENP/2014		
		PROCESS FOR					
		PREPARING HIGH MOLECULAR					
		WEIGHT POLYMERS					
		BY POLYMERIZING EPOXIDE	THE DOW CHEMICAL				
67182-BR-PCT	Brazil	MONOMERS	COMPANY	01/21/2013 11	12014016089-9		
		PROCESS FOR					
		PREPARING HIGH MOLECULAR					
		WEIGHT POLYMERS					
		BY POLYMERIZING EPOXIDE	THE DOW CHEMICAL				
67182-JP-PCT	Japan	MONOMERS	COMPANY	01/21/2013 20	)14-554763	2015-504966	08/25/2017 6196240
		PROCESS FOR PREPARING HIGH					
		MOLECULAR					
		WEIGHT POLYMERS BY POLYMERIZING					
	United States Of	EPOXIDE	THE DOW CHEMICAL				
67182-US-PCT	America	MONOMERS NEW HIGH	COMPANY	01/21/2013 14	1/371184	2015-0166724	03/21/2017 9598536
		VISCOSITY					
		CARBOXYMETHYL					
		METHOD OF	THE DOW CHEMICAL				
67235-BE-EPT	Belgium	PREPARATION	COMPANY	03/30/2010 10	9712015.6	2552968	03/01/2017 2552968
		NEW HIGH VISCOSITY					
		CARBOXYMETHYL					
		CELLULOSE AND METHOD OF	THE DOW CHEMICAL				
67235-BR-PCT	Brazil	PREPARATION	COMPANY	03/30/2010 11	12012018829.1		
		NEW HIGH VISCOSITY					
		CARBOXYMETHYL					
		CELLULOSE AND METHOD OF	THE DOW CHEMICAL				
67235-CN-PCT	China	PREPARATION	COMPANY	03/30/2010 20	01080066015.8	102822204	10/07/2015 201080066015.8
		NEW HIGH					
		VISCOSITY CARBOXYMETHYL					
		CELLULOSE AND	THE DOM! OHERMOM:				
67235-DE-EPT	Germany	METHOD OF PREPARATION	THE DOW CHEMICAL COMPANY	03/30/2010 10	712015.6	2552968	03/01/2017 602010040345.9
		NEW HIGH					
		VISCOSITY CARBOXYMETHYL					
		CELLULOSE AND					
67235-FI-EPT	Finland	METHOD OF PREPARATION	THE DOW CHEMICAL COMPANY	03/30/2010 10	0712015 6	2552968	03/01/2017 2552968
Second True True				20,20,20,20			and the state of t

	NEW HIGH VISCOSITY CARBOXYMETHYL					
	CELLULOSE AND METHOD OF	THE DOW CHEMICAL				
67235-FR-EPT France	PREPARATION	COMPANY	03/30/2010	10712015.6	2552968	03/01/2017 2552968
	NEW HIGH VISCOSITY					
	CARBOXYMETHYL CELLULOSE AND					
67235-GB-EPT United Kingdom	METHOD OF PREPARATION	THE DOW CHEMICAL COMPANY	03/30/2010	10712015.6	2552968	03/01/2017 2552968
	NEW HIGH VISCOSITY					
	CARBOXYMETHYL CELLULOSE AND					
CZOSE IN DCT India	METHOD OF	THE DOW CHEMICAL	02/20/2010	9100/CHEND/2012	0100/CHEND/20	12
67235-IN-PCT India	PREPARATION NEW HIGH	COMPANY	03/30/2010	8190/CHENP/2012	8190/CHENP/20	12
	VISCOSITY CARBOXYMETHYL					
	CELLULOSE AND METHOD OF	THE DOW CHEMICAL				
67235-IT-EPT Italy	PREPARATION NEW HIGH	COMPANY	03/30/2010	10712015.6	2552968	03/01/2017 50201700005216
	VISCOSITY CARBOXYMETHYL					
	CELLULOSE AND	THE DOWN CHEMICAL				
67235-KR-PCT SOUTH KOREA	METHOD OF PREPARATION	THE DOW CHEMICAL COMPANY	03/30/2010	10-2012-7028192	10-2013-00842	02/20/2017 10-1709930
	NEW HIGH VISCOSITY					
	CARBOXYMETHYL CELLULOSE AND					
67235-MX-PCT Mexica	METHOD OF PREPARATION	THE DOW CHEMICAL COMPANY	03/30/2010	MX/a/2012/011330	MX/a/2012/01	11/27/2017 352476
	NEW HIGH VISCOSITY					
	CARBOXYMETHYL CELLULOSE AND					
COOCE NO FEET Might relieved	METHOD OF	THE DOW CHEMICAL	02/20/2040	4.074.2045.6	2552060	02/04/2047 2552050
67235-NL-EPT Netherlands	PREPARATION NEW HIGH	COMPANY	03/30/2010	10/12015.6	2552968	03/01/2017 2552968
	VISCOSITY CARBOXYMETHYL					
	CELLULOSE AND METHOD OF	THE DOW CHEMICAL				
67235-SE-EPT Sweden	PREPARATION ADDITIVES	COMPANY	03/30/2010	10712015.6	2552968	03/01/2017 2552968
	COMPRISING CELLULOSE ETHERS					
67363-AT-EPT Austria	FOR CERAMICS EXTRUSION	THE DOW CHEMICAL COMPANY	06/19/2008	09974700 1	2303794	02/15/2017 2202704
6/363-A1-EP1 AUSTIId	ADDITIVES	COMPANT	06/19/2008	U88747UU.1	2303794	03/15/2017 2303794
	COMPRISING CELLULOSE ETHERS					
67363-DE-EPT Germany	FOR CERAMICS EXTRUSION	THE DOW CHEMICAL COMPANY	06/19/2008	08874700.1	2303794	03/15/2017 602008049278.8
	ADDITIVES COMPRISING					
	CELLULOSE ETHERS FOR CERAMICS	THE DOW CHEMICAL				
67363-FR-EPT France	EXTRUSION ADDITIVES	COMPANY	06/19/2008	08874700.1	2303794	03/15/2017 2303794
	COMPRISING CELLULOSE ETHERS					
67363-JP-PCT Japan	FOR CERAMICS EXTRUSION	THE DOW CHEMICAL COMPANY	06/19/2008	2011 E1812E	2011-524846	11/28/2014 5653349
67363-JP-PCT Japan	ADDITIVES	www.tin.tinit	00/13/2006	ecti diffidi	2011/JE4040	**************************************
	COMPRISING CELLULOSE ETHERS					
67363-KR-PCT SOUTH KOREA	FOR CERAMICS EXTRUSION	THE DOW CHEMICAL COMPANY	06/19/2008	10-2010-7028440	10-2011-00202	01/09/2015 10-1483330

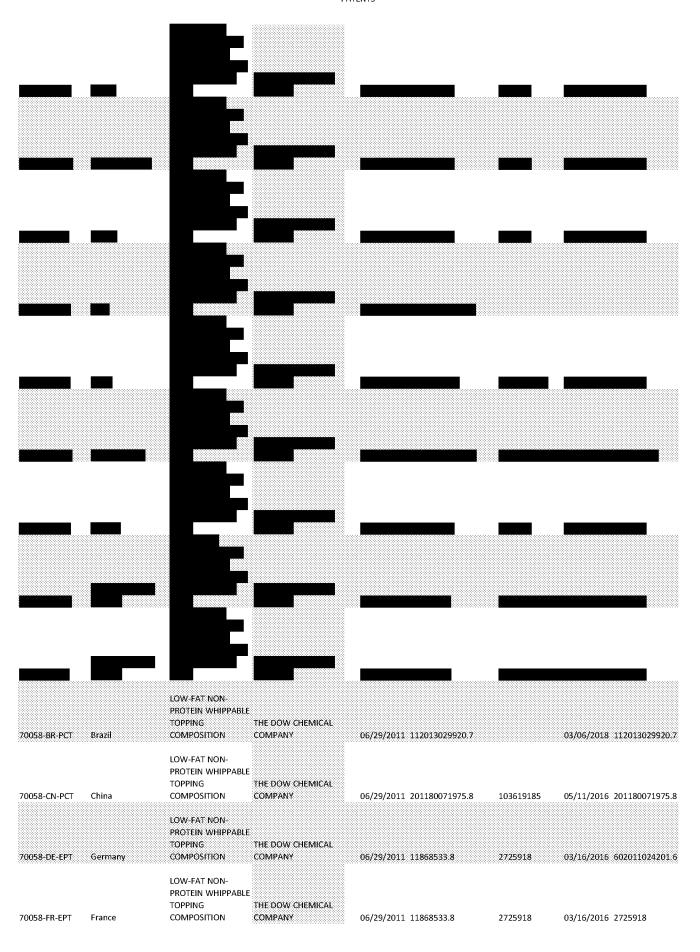
	ADDITIVES					
	COMPRISING					
	CELLULOSE ETHERS FOR CERAMICS	THE DOW CHEMICAL				
67363-MX-PCT Mexico	EXTRUSION	COMPANY	06/19/2008 M	X/a/2010/014095	MX/a/2010/01	06/02/2014 320724
	ADDITIVES					
	COMPRISING CELLULOSE ETHERS					
	FOR CERAMICS	THE DOW CHEMICAL				
67363-NL-EPT Netherlands	EXTRUSION ADDITIVES	COMPANY	06/19/2008 08	3874700.1	2303794	03/15/2017 2303794
	COMPRISING					
	CELLULOSE ETHERS					
67363-PL-EPT Poland	FOR CERAMICS EXTRUSION	THE DOW CHEMICAL COMPANY	06/19/2008 08	R874700 1	2303794	03/15/2017 2303794
	ADDITIVES			10.000 to		
	COMPRISING CELLULOSE ETHERS					
United States Of	FOR CERAMICS	THE DOW CHEMICAL				
67363-US-PCT America	EXTRUSION	COMPANY	06/19/2008 12	2/993026	2011-0071023	10/01/2013 8545614
	TREATMENT OF POLYSACCARIDES	THE DOW CHEMICAL				
67643-BE-EPT Belgium	WITH DIALDEHYDES		09/15/2011 11	1761219.2	2619230	08/13/2014 2619230
	TREATMENT OF POLYSACCARIDES	THE DOW CHEMICAL				
67643-BR-PCT Brazil	WITH DIALDEHYDES		09/15/2011 11	12013001725.2		
	TREATMENT OF					
67643-CN-PCT China	POLYSACCARIDES WITH DIALDEHYDES	THE DOW CHEMICAL COMPANY	09/15/2011 20	01180045647.0	103119067	04/13/2016 201180045647.0
***************************************	TREATMENT OF			******		
67642 DE EDT Cormany	POLYSACCARIDES WITH DIALDEHYDES	THE DOW CHEMICAL COMPANY	00/15/2011 11	761310.3	2010220	09/12/2014 002011000141 7
67643-DE-EPT Germany	TREATMENT OF	COMPANT	09/15/2011 11	1/01219.2	2619230	08/13/2014 602011009141.7
	POLYSACCARIDES	THE DOW CHEMICAL				
67643-GB-EPT United Kingdom	WITH DIALDEHYDES TREATMENT OF	COMPANY	09/15/2011 11	1761219.2	2619230	08/13/2014 2619230
	POLYSACCARIDES	THE DOW CHEMICAL				
67643-IN-PCT India	WITH DIALDEHYDES TREATMENT OF	COMPANY	09/15/2011 21	L79/CHENP/2013	2179/CHENP/20	13
	POLYSACCARIDES	THE DOW CHEMICAL				
67643-JP-PCT Japan	WITH DIALDEHYDES	COMPANY	09/15/2011 20	013-529314	2013-542274	10/16/2015 5824053
	TREATMENT OF POLYSACCARIDES	THE DOW CHEMICAL				
67643-KR-PCT SOUTH KOREA	WITH DIALDEHYDES		09/15/2011 10	)-2013-7010241	10-2013-01188	09/18/2017 10-1780924
	TREATMENT OF POLYSACCARIDES	THE DOW CHEMICAL				
67643-MX-PCT Mexico	WITH DIALDEHYDES		09/15/2011 M	X/a/2013/003342	MX/a/2013/00	01/29/2016 336758
11.11.10	TREATMENT OF				******************	
United States Of 67643-US-PCT America	POLYSACCARIDES WITH DIALDEHYDES	THE DOW CHEMICAL COMPANY	09/15/2011 13	3/822118	2013-0172290	11/17/2015 9187572
	METHOD FOR THE					
	PREPARATION OF A PARTICULATE					
	REVERSIBLY					
	CROSSLINKED	THE BOW CHEMICAL				
67765-DE-EPT Germany	POLYMERIC MATERIAL	THE DOW CHEMICAL COMPANY	06/08/2010 10	0728889.6	2580251	04/23/2014 602010015395.9
	METHOD FOR THE					
	PREPARATION OF A PARTICULATE					
	REVERSIBLY					
	CROSSLINKED POLYMERIC	THE DOW CHEMICAL				
67765-JP-PCT Japan	MATERIAL	COMPANY	06/08/2010 20	)13-513765	2013-528244	01/23/2015 5684903
	METHOD FOR THE					
	PREPARATION OF A PARTICULATE					
	REVERSIBLY					
	CROSSLINKED POLYMERIC	THE DOW CHEMICAL				
67765-KR-PCT SOUTH KOREA	MATERIAL	COMPANY	06/08/2010 10	)-2013-7000404	10-2013-70004	05/04/2017 10-1734853

	METHOD FOR THE				
	Preparation of a Particulate				
	REVERSIBLY				
	Crosslinked Polymeric	THE DOW CHEMICAL			
67765-US-PCT America N	MATERIAL	COMPANY	06/08/2010 13/700263	2013-0217873	12/01/2015 9200084
	VIETHODS FOR REDUCING OIL				
U	JPTAKE OF FRIED	THE DOW CHEMICAL			
	OODS METHODS FOR	COMPANY	05/18/2010 10720234.3	2432324	05/14/2014 602010016077
R	REDUCING OIL				
		THE DOW CHEMICAL COMPANY	05/18/2010 10720234.3	2432324	05/14/2014 2432324
N	VIETHODS FOR		,,	2.3232.	33,1,1311. 2.3232.
	REDUCING OIL JPTAKE OF FRIED	THE DOW CHEMICAL			
	OODS	COMPANY	05/18/2010 10720234.3	2432324	05/14/2014 2432324
	VIETHODS FOR REDUCING OIL				
**		THE DOW CHEMICAL			
	OODS VIETHODS FOR	COMPANY	05/18/2010 10720234.3	2432324	05/14/2014 2432324
100000000000000000000000000000000000000	REDUCING OIL				
***************************************	JPTAKE OF FRIED OODS	THE DOW CHEMICAL COMPANY	05/18/2010 12/781853	2010-0291272	04/07/2015 8999418
	PROCESS FOR DRY-	COMPAN	03/18/2010 12/781833	X010-0231X1Z	04/0//2013 0999410
	GRINDING A POLYSACCHARIDE	THE DOW CHEMICAL			
	DERIVATIVE	COMPANY	07/28/2010 201080044523.6	102549049	12/10/2014 201080044523.6
	A PROCESS FOR DRY- BRINDING A				
	OLYSACCHARIDE	THE DOW CHEMICAL			
68077-EP-EPT Procedure (Patents) D	DERIVATIVE A PROCESS FOR DRY-	COMPANY	07/28/2010 10740476.6	2598557	
	GRINDING A				
	POLYSACCHARIDE DERIVATIVE	THE DOW CHEMICAL COMPANY	07/28/2010 649/CHENP/2013		
	PROCESS FOR DRY-	COMPAN	0//20/2010 049/CHENP/2013		
	FRINDING A POLYSACCHARIDE	THE DOW CHEMICAL			
	DERIVATIVE	COMPANY	01/18/2016 2016-006813	2016-106166	11/24/2017 6247321
	A PROCESS FOR DRY- GRINDING A				
		THE DOW CHEMICAL			
	DERIVATIVE A PROCESS FOR DRY-	COMPANY	07/28/2010 2013-521743	2013-532750	04/28/2017 6133773
	FRINDING A				
	POLYSACCHARIDE	THE DOW CHEMICAL	07/20/2018 10 2013 381108F	10 3013 70114	- no/no/no-r
	Perivative Process for Dry-	COMPANY	07/28/2010 10-2012-7011995	10-501X-\011;	08/29/2017 10-1774208
	GRINDING A POLYSACCHARIDE	THE DOW CHEMICAL			
		COMPANY	07/28/2010 13/498621	2013-0112787	03/10/2015 8973853
	VIETHOD FOR EXTRACTING OIL	THE DAIN CHEMICAL			
	ROM A POWDER	THE DOW CHEMICAL COMPANY	02/28/2014 2016-500479	2016-522075	11/02/2017 6235691
	METHOD FOR	THE DOMESTICAL			
	EXTRACTING OIL FROM A POWDER	THE DOW CHEMICAL COMPANY	02/28/2014 14/763324	2015-0376333	12/27/2016 9527960
	VIETHOD OF				
	removing Alkylene				
	HALOGENOHYDRIN ROM CELLULOSE	THE DOW CHEMICAL			
	THER	COMPANY	07/17/2012 112014000738.1		
	METHOD OF REMOVING				
	ALKYLENE				
	HALOGENOHYDRIN ROM CELLULOSE	THE DOW CHEMICAL			
	ETHER	COMPANY	07/17/2012 201280035563.3	103687652	07/15/2015 201280035563.3
		***************************************			

	METHOD OF	
	EMOVING	
	lkylene Alogenohydrin	
		THE DOW CHEMICAL
		COMPANY 07/17/2012 12738364.4 2736614 06/29/2016 2736614
N	NETHOD OF	
	EMOVING	
	LKYLENE	
	IALOGENOHYDRIN ROM CELLULOSE	THE DOW CHEMICAL
		COMPANY 07/17/2012 520/CHENP/2014 520/CHENP/2014
	METHOD OF	
RI	EMOVING	
	LKYLENE	
	ALOGENOHYDRIN ROM CELLULOSE	THE DOW CHEMICAL
		COMPANY 07/17/2012 2014-522872 2014-521771 01/16/2015 5681330
	IETHOD OF	
RI	EMOVING	
	LKYLENE	
	ALOGENOHYDRIN	THE DOW CHEMICAL
		COMPANY 07/17/2012 10-2014-7005163 10-2014-00624 08/31/2017 10-1775414
	METHOD OF	37/17/2012 10 2014 7003103 10 2014 00022 00/31/2017 10 17/3414
	EMOVING	
A	LKYLENE	
	ALOGENOHYDRIN	
		THE DOW CHEMICAL  COMPANY 07/17/2012 14/131556 2014-0148591 10/13/2015 9156919
	OVEL CELLULOSE	COMPANY 07/17/2012 14/131556 2014-0148591 10/13/2015 9156919
	:	THE DOW CHEMICAL
69436-BR-PCT Brazil U	SE	COMPANY 10/06/2011 112013005642.8
	OVEL CELLULOSE	
		THE DOW CHEMICAL
	SE OVEL CELLULOSE	COMPANY 10/06/2011 11770311.6 2627676 03/08/2017 2627676
		THE DOW CHEMICAL
		COMPANY 10/06/2011 201180059307.3 103261233 05/25/2016 201180059307.3
	OVEL CELLULOSE	
•		THE DOW CHEMICAL
	SE OVEL CELLULOSE	COMPANY 10/06/2011 11770311.6 2627676 03/08/2017 602011035744.1
		THE DOW CHEMICAL
69436-EP-EPT Procedure (Patents) U	;	COMPANY 10/06/2011 11770311.6 2627676 03/08/2017 2627676
N	OVEL CELLULOSE	
		THE DOW CHEMICAL
	SE OVEL CELLULOSE	COMPANY 10/06/2011 11770311.6 2627676 03/08/2017 2627676
		THE DOW CHEMICAL
		COMPANY 10/06/2011 11770311.6 2627676 03/08/2017 2627676
100100000000000000000000000000000000000	OVEL CELLULOSE	
		THE DOW CHEMICAL
	SE Ovel Cellulose	COMPANY 10/06/2011 11770311.6 2627676 03/08/2017 2627676
		THE DOW CHEMICAL
		COMPANY 10/06/2011 2709/CHENP/2013
	OVEL CELLULOSE	
		THE DOW CHEMICAL
	SE OVEL CELLULOSE	COMPANY 10/06/2011 2013-533885 2013-539815 03/18/2016 5902697
	:	THE DOW CHEMICAL
		COMPANY 10/06/2011 10-2013-7009217 10-2014-0000€ 05/17/2018 10-1860707
100000000000000000000000000000000000000	OVEL CELLULOSE	
		THE DOW CHEMICAL
		COMPANY 10/06/2011 11770311.6 2627676 03/08/2017 2627676
	OVEL CELLULOSE THERS AND THEIR	THE DOW CHEMICAL
		COMPANY 10/06/2011 13/825697 2013-0236512 07/19/2016 9394376
	OMPOSITION FOR	, , , , , , , , , , , , , , , , , , , ,
		THE DOW CHEMICAL
69695-BE-EPT Belgium Bi	ODIES	COMPANY 04/19/2011 11717125.6 2563564 11/02/2016 2563564

	COMPOSITION FOR					
69695-DE-EPT Germany	BODIES	THE DOW CHEMICAL COMPANY	04/19/2011 1173	17125.6	2563564	11/02/2016 602011031882.9
	COMPOSITION FOR	THE DOW CHEMICAL				
69695-JP-PCT Japan	BODIES	COMPANY	04/19/2011 2013	3-508033	2013-525157	04/01/2016 5908892
	COMPOSITION FOR EXTRUSION-MOLDED	THE DOW CHEMICAL				
69695-PL-EPT Poland	BODIES COMPOSITION FOR	COMPANY	04/19/2011 117:	17125.6	2563564	11/02/2016 2563564
United States Of		THE DOW CHEMICAL				
69695-US-DIV America	BODIES COMPOSITION FOR	COMPANY	01/13/2015 14/5	595569	2015-0125653	06/14/2016 9365702
United States Of	EXTRUSION-MOLDED	THE DOW CHEMICAL				
69695-US-NP America	BODIES COMPOSITION FOR	COMPANY	04/19/2011 13/0	089982	2011-0262690	03/03/2015 8968639
2000 N 2000 N		THE DOW CHEMICAL	A4/4A/AA44 AA4	400004044	4000000040	
69701-CN-PCT China	BODIES  COMPOSITION FOR	COMPANY	04/19/2011 201	180021311.0	102858717	01/20/2016 201180021311.0
European 69701-EP-EPT Procedure (Patents		THE DOW CHEMICAL COMPANY	04/19/2011 1171	19394 6	2563742	
33,312, 21,	COMPOSITION FOR		01/15/2011 11/	2555 110	23037 42	
69701-JP-PCT Japan	EXTRUSION-MOLDED BODIES	THE DOW CHEMICAL COMPANY	04/19/2011 2013	3-508031	2013-525156	10/09/2015 5819941
	COMPOSITION FOR	THE DOW CHEMICAL				
69701-KR-PCT SOUTH KOREA	BODIES	COMPANY	04/19/2011 10-2	2012-7030736	10-2013-00611	02/12/2018 10-1830064
	COMPOSITION FOR	THE DOW CHEMICAL				
69701-MX-PCT Mexico	BODIES	COMPANY	04/19/2011 MX/	/a/2012/012524	MX/a/2012/01	06/10/2016 339803
	TARTARIC SALT STABILIZER FOR	THE DOW CHEMICAL				
69768-AU-PCT Australia	WINE TARTARIC SALT	COMPANY	03/30/2010 2010	0234846		02/12/2015 2010234846
	STABILIZER FOR	THE DOW CHEMICAL				
69768-BR-PCT Brazil	WINE TARTARIC SALT	COMPANY	03/30/2010 PI10	06289.0		
	STABILIZER FOR	THE DOW CHEMICAL				
69768-CN-PCT China	WINE TARTARIC SALT	COMPANY	03/30/2010 2010	080012039.5	102356119	05/01/2013 201080012039.5
69768-DE-EPT Germany	STABILIZER FOR WINE	THE DOW CHEMICAL COMPANY	03/30/2010 1072	22010.0	2414437	04/19/2017 602010041646.1
69768-DE-EPT Germany	TARTARIC SALT		03/30/2010 10//	2204b.d	2414437	04/15/2017 G02010041046.1
69768-ES-EPT Spain	STABILIZER FOR WINE	THE DOW CHEMICAL COMPANY	03/30/2010 1072	22848.8	2414437	04/19/2017 2414437
	TARTARIC SALT	THE DOWNERS AND A				, ,
69768-FR-EPT France	STABILIZER FOR WINE	THE DOW CHEMICAL COMPANY	03/30/2010 1072	22848.8	2414437	04/19/2017 2414437
	TARTARIC SALT STABILIZER FOR	THE DOW CHEMICAL				
69768-IT-EPT Italy	WINE	COMPANY	03/30/2010 1072	22848.8	2414437	04/19/2017 50201700008212
	TARTARIC SALT STABILIZER FOR	THE DOW CHEMICAL				
69768-NL-EPT Netherlands	WINE METHODS AND	COMPANY	03/30/2010 1072	22848.8	2414437	04/19/2017 2414437
	COMPOSITIONS FOR	THE DOW CHEMICAL				
69847-BR-PCT Brazil	INDUCING SATIETY METHODS AND	COMPANY	04/27/2011 1120	0120268481	1120120268481	
contact of new City		THE DOW CHEMICAL	04/27/2044 204	400034303.3	400000000	
69847-CN-PCT China	INDUCING SATIETY METHODS AND	COMPANY	04/27/2011 201	180051337.1	102905762	02/15/2017 201180021397.7
European 69847-EP-EPT Procedure (Patents	COMPOSITIONS FOR INDUCING SATIETY	THE DOW CHEMICAL COMPANY	04/27/2011 117:	17907.7	2563477	
	METHODS AND		2.,2,,2011 117.			
69847-IN-PCT India	COMPOSITIONS FOR INDUCING SATIETY	THE DOW CHEMICAL COMPANY	04/27/2011 911:	2/CHENP/2012		
	METHODS AND COMPOSITIONS FOR	THE DOW CHEMICAL				
69847-JP-PCT Japan	INDUCING SATIETY	COMPANY	04/27/2011 2013	3-508207	2013-525447	05/20/2016 5937573
	METHODS AND COMPOSITIONS FOR	THE DOW CHEMICAL				
69847-KR-PCT SOUTH KOREA	INDUCING SATIETY	COMPANY	04/27/2011 201	2-7031142		02/01/2018 10-1827026

COSAZ NAV DCT	Mexico	METHODS AND COMPOSITIONS FOR INDUCING SATIETY	THE DOW CHEMICAL  COMPANY  04/27/2011 MX/a/12/012616 MX/a/12/0126 04/08/2016 338245
69847-MX-PCT 69847-US-NP	United States Of America	METHODS AND	COMPANY 04/27/2011 MX/a/12/012616 MX/a/12/0126 04/08/2016 338245  THE DOW CHEMICAL COMPANY 04/27/2011 13/095414 2011-0269711 01/07/2014 8623840
		METHOD OF ENHANCING THE SHELF STABILITY OF	THE DOW CHEMICAL
69948-CN-PCT	China	PROBIOTICS METHOD OF ENHANCING THE	COMPANY 09/06/2011 201180050229.0 103167807 11/25/2015 201180050229.0
69948-DE-EPT	Germany	SHELF STABILITY OF PROBIOTICS METHOD OF ENHANCING THE	THE DOW CHEMICAL  COMPANY 09/06/2011 11788623.4 2608679 08/15/2018 2608679
	European	SHELF STABILITY OF	THE DOW CHEMICAL
69948-EP-EPT	Procedure (Patents)		COMPANY 09/06/2011 11788623.4 2608679 08/15/2018 2608679
		METHOD OF ENHANCING THE	
69948-FR-EPT	France	SHELF STABILITY OF PROBIOTICS	THE DOW CHEMICAL COMPANY 09/06/2011 11788623.4 2608679 08/15/2018 2608679
		METHOD OF ENHANCING THE	
		SHELF STABILITY OF	THE DOW CHEMICAL
69948-GB-EPT	United Kingdom	PROBIOTICS	COMPANY 09/06/2011 11788623.4 2608679 08/15/2018 2608679
		METHOD OF ENHANCING THE	
		SHELF STABILITY OF	THE DOW CHEMICAL
69948-IN-PCT	India	PROBIOTICS METHOD OF	COMPANY 09/06/2011 1410/CHENP/2013
		ENHANCING THE	
		SHELF STABILITY OF	THE DOW CHEMICAL
69948-JP-PCT	Japan	PROBIOTICS METHOD OF	COMPANY 09/06/2011 2013-526212 2013-537037 01/08/2016 5866361
		ENHANCING THE	
COOMS NIL EDT	Nothorlande	SHELF STABILITY OF	THE DOW CHEMICAL  CONNEANNY 00/06/2011 11799632 # 3609670 09/16/7019 1609670
69948-NL-EPT	Netherlands	PROBIOTICS METHOD OF	THE DOW CHEMICAL  COMPANY 09/06/2011 11788623.4 2608679 08/15/2018 2608679
69948-NL-EPT		PROBIOTICS METHOD OF ENHANCING THE	COMPANY 09/06/2011 11788623.4 2608679 08/15/2018 2608679
	United States Of	PROBIOTICS METHOD OF ENHANCING THE SHELF STABILITY OF	COMPANY 09/06/2011 11788623.4 2608679 08/15/2018 2608679  THE DOW CHEMICAL
69948-NL-EPT 69948-US-PCT		PROBIOTICS METHOD OF ENHANCING THE	COMPANY 09/06/2011 11788623.4 2608679 08/15/2018 2608679
	United States Of	PROBIOTICS METHOD OF ENHANCING THE SHELF STABILITY OF	COMPANY 09/06/2011 11788623.4 2608679 08/15/2018 2608679  THE DOW CHEMICAL
	United States Of	PROBIOTICS METHOD OF ENHANCING THE SHELF STABILITY OF	COMPANY 09/06/2011 11788623.4 2608679 08/15/2018 2608679  THE DOW CHEMICAL
	United States Of	PROBIOTICS METHOD OF ENHANCING THE SHELF STABILITY OF	COMPANY 09/06/2011 11788623.4 2608679 08/15/2018 2608679  THE DOW CHEMICAL
	United States Of	PROBIOTICS METHOD OF ENHANCING THE SHELF STABILITY OF	COMPANY 09/06/2011 11788623.4 2608679 08/15/2018 2608679  THE DOW CHEMICAL
	United States Of	PROBIOTICS METHOD OF ENHANCING THE SHELF STABILITY OF	COMPANY 09/06/2011 11788623.4 2608679 08/15/2018 2608679  THE DOW CHEMICAL
69948-US-PCT	United States Of America	PROBIOTICS METHOD OF ENHANCING THE SHELF STABILITY OF PROBIOTICS	COMPANY 09/06/2011 11788623.4 2608679 08/15/2018 2608679  THE DOW CHEMICAL COMPANY 09/06/2011 13/814368 2013-0142907 03/24/2015 8986760
69948-US-PCT	United States Of America	PROBIOTICS METHOD OF ENHANCING THE SHELF STABILITY OF PROBIOTICS	COMPANY 09/06/2011 11788623.4 2608679 08/15/2018 2608679  THE DOW CHEMICAL COMPANY 09/06/2011 13/814368 2013-0142907 03/24/2015 8986760
69948-US-PCT	United States Of America	PROBIOTICS METHOD OF ENHANCING THE SHELF STABILITY OF PROBIOTICS	COMPANY 09/06/2011 11788623.4 2608679 08/15/2018 2608679  THE DOW CHEMICAL COMPANY 09/06/2011 13/814368 2013-0142907 03/24/2015 8986760
69948-US-PCT	United States Of America	PROBIOTICS METHOD OF ENHANCING THE SHELF STABILITY OF PROBIOTICS	COMPANY 09/06/2011 11788623.4 2608679 08/15/2018 2608679  THE DOW CHEMICAL
69948-US-PCT	United States Of America	PROBIOTICS METHOD OF ENHANCING THE SHELF STABILITY OF PROBIOTICS	COMPANY 09/06/2011 11788623.4 2608679 08/15/2018 2608679  THE DOW CHEMICAL COMPANY 09/06/2011 13/814368 2013-0142907 03/24/2015 8986760
69948-US-PCT	United States Of America	PROBIOTICS METHOD OF ENHANCING THE SHELF STABILITY OF PROBIOTICS	COMPANY 09/06/2011 11788623.4 2608679 08/15/2018 2608679  THE DOW CHEMICAL COMPANY 09/06/2011 13/814368 2013-0142907 03/24/2015 8986760
69948-US-PCT	United States Of America	PROBIOTICS METHOD OF ENHANCING THE SHELF STABILITY OF PROBIOTICS	COMPANY 09/06/2011 11788623.4 2608679 08/15/2018 2608679  THE DOW CHEMICAL COMPANY 09/06/2011 13/814368 2013-0142907 03/24/2015 8986760
69948-US-PCT	United States Of America	PROBIOTICS METHOD OF ENHANCING THE SHELF STABILITY OF PROBIOTICS	COMPANY 09/06/2011 11788623.4 2608679 08/15/2018 2608679  THE DOW CHEMICAL COMPANY 09/06/2011 13/814368 2013-0142907 03/24/2015 8986760
69948-US-PCT	United States Of America	PROBIOTICS METHOD OF ENHANCING THE SHELF STABILITY OF PROBIOTICS	THE DOW CHEMICAL COMPANY 09/06/2011 13/814368 2013-0142907 03/24/2015 8986760
69948-US-PCT	United States Of America	PROBIOTICS METHOD OF ENHANCING THE SHELF STABILITY OF PROBIOTICS	THE DOW CHEMICAL COMPANY 09/06/2011 13/814368 2013-0142907 03/24/2015 8986760
69948-US-PCT	United States Of America	PROBIOTICS METHOD OF ENHANCING THE SHELF STABILITY OF PROBIOTICS	THE DOW CHEMICAL COMPANY 09/06/2011 13/814368 2013-0142907 03/24/2015 8986760
69948-US-PCT	United States Of America	PROBIOTICS METHOD OF ENHANCING THE SHELF STABILITY OF PROBIOTICS	THE DOW CHEMICAL COMPANY 09/06/2011 13/814368 2013-0142907 03/24/2015 8986760
69948-US-PCT	United States Of America	PROBIOTICS METHOD OF ENHANCING THE SHELF STABILITY OF PROBIOTICS	COMPANY 09/06/2011 11788623.4 2608679 08/15/2018 2608679  THE DOW CHEMICAL COMPANY 09/06/2011 13/814368 2013-0142907 03/24/2015 8986760
69948-US-PCT	United States Of America	PROBIOTICS METHOD OF ENHANCING THE SHELF STABILITY OF PROBIOTICS	COMPANY 09/06/2011 11788623.4 2608679 08/15/2018 2608679  THE DOW CHEMICAL COMPANY 09/06/2011 13/814368 2013-0142907 03/24/2015 8986760
69948-US-PCT	United States Of America	PROBIOTICS METHOD OF ENHANCING THE SHELF STABILITY OF PROBIOTICS	COMPANY 09/06/2011 11788623.4 2608679 08/15/2018 2608679  THE DOW CHEMICAL COMPANY 09/06/2011 13/814368 2013-0142907 03/24/2015 8986760
69948-US-PCT	United States Of America	PROBIOTICS METHOD OF ENHANCING THE SHELF STABILITY OF PROBIOTICS	THE DOW CHEMICAL COMPANY 09/06/2011 13/814368 2013-0142907 03/24/2015 8986760



**PATENT** Schedule A to IP Assignment Agreement **REEL: 052684 FRAME: 0779** 

	LOW-FAT NON-	
70058-GB-EPT United Kingdom	PROTEIN WHIPPABLE           TOPPING         THE DOW CHEMICAL           1         COMPOSITION         COMPANY         06/29/2011 11868533.8         2725918         03/16/2016 272	5918
	LOW-FAT NON- PROTEIN WHIPPABLE	
70058-IN-PCT India	TOPPING THE DOW CHEMICAL  COMPOSITION COMPANY 06/29/2011 9034/CHENP/2013	
	LOW-FAT NON- PROTEIN WHIPPABLE TOPPING THE DOW CHEMICAL	
70058-JP-PCT Japan	COMPOSITION COMPANY 06/29/2011 2014-517375 2014-518073 08/14/2015 579'  LOW-FAT NON-	2900
	PROTEIN WHIPPABLE	
70058-KR-PCT SOUTH KOREA	TOPPING THE DOW CHEMICAL  COMPOSITION COMPANY 06/29/2011 10-2014-7002529 10-2014-0046452	
70058-KR-PCT SOUTH KOREA	COMPOSITION COMPANY 06/29/2011 10-2014-7002529 10-2014-0046452	
	LOW-FAT NON-	
	PROTEIN WHIPPABLE	
70058-NL-EPT Netherlands	TOPPING THE DOW CHEMICAL  COMPOSITION COMPANY 06/29/2011 11868533.8 2725918 03/16/2016 272:	C019
/0030-INL-EFT IVECTIONALS	CONT. CONT. CONT. ANT. 909.23/2011 110003550 2725510 05/10/2010 272	3310
	LOW-FAT NON-	
	PROTEIN WHIPPABLE	
United States Of 70058-US-PCT America	f TOPPING THE DOW CHEMICAL  COMPOSITION COMPANY 06/29/2011 14/127256 2016-0120199	
70000 05   01	EDIBLE	
	COMPOSITION	
	COMPRISING CELLULOSE ETHER	
	AND ITS USE AS FAT	
	SUBSTITUTE IN THE DOW CHEMICAL	
70059-BR-PCT Brazil	DAIRY PRODUCTS COMPANY 07/27/2011 112014000741.1 112014000741 06/19/2018 1120	014000741.1
	EDIBLE COMPOSITION	
	COMPRISING	
	CELLULOSE ETHER	
	AND ITS USE AS FAT SUBSTITUTE IN THE DOW CHEMICAL	
70059-DE-EPT Germany	DAIRY PRODUCTS COMPANY 07/27/2011 11869767.1 2736353 12/28/2016 6020	011033941.9
	EDIBLE	
	COMPOSITION COMPRISING	
	CELLULOSE ETHER	
	AND ITS USE AS FAT	
70059-FR-EPT France	SUBSTITUTE IN THE DOW CHEMICAL  DAIRY PRODUCTS COMPANY 07/27/2011 11869767.1 2736353 12/28/2016 2730	(5252
ADDITION HANCE	EDIBLE 07/27/2011 11869/67.1 2736353 12/28/2016 2736	<b>9999</b>
	COMPOSITION	
	COMPRISING CELLULOSS ETHER	
	CELLULOSE ETHER AND ITS USE AS FAT	
	SUBSTITUTE IN THE DOW CHEMICAL	
70059-GB-EPT United Kingdom		6353
	EDIBLE COMPOSITION	
	COMPRISING	
	CELLULOSE ETHER	
	AND ITS USE AS FAT SUBSTITUTE IN THE DOW CHEMICAL	
70059-IN-PCT India	DAIRY PRODUCTS COMPANY 07/27/2011 518/CHENP/2014 518/CHENP/2014	
	EDIBLE	
	COMPOSITION	
	COMPRISING CELLULOSE ETHER	
	AND ITS USE AS FAT	
	SUBSTITUTE IN THE DOW CHEMICAL	
70059-JP-PCT Japan	DAIRY PRODUCTS COMPANY 07/27/2011 2014-521900 2014-521323 08/28/2015 5798	8249

70059-KR-PCT SOUTH KOREA	EDIBLE COMPOSITION COMPRISING CELLULOSE ETHER AND ITS USE AS FAT SUBSTITUTE IN DAIRY PRODUCTS EDIBLE	THE DOW CHEMICAL COMPANY	07/27/2011	10-2014-7005134	10-2014-0051\$	06/12/2018 10-1868779	
	COMPOSITION COMPRISING CELLULOSE ETHER AND ITS USE AS FAT SUBSTITUTE IN	THE DOW CHEMICAL					
70059-MX-PCT Mexico	DAIRY PRODUCTS	COMPANY	07/27/2011 N	MX/a/2014/001017	MX/a/2014/00	11/09/2016 343539	
	EDIBLE COMPOSITION						
	COMPRISING						
	CELLULOSE ETHER AND ITS USE AS FAT						
	SUBSTITUTE IN	THE DOW CHEMICAL					
70059-NL-EPT Netherlands	DAIRY PRODUCTS  COMPOSITION	COMPANY	07/27/2011 1	l 1869767.1	2736353	12/28/2016 2736353	688
	COMPRISING						
70061-BR-PCT Brazil	GLUTEN-FREE CEREAL FLOUR	THE DOW CHEMICAL COMPANY	02/08/2012 1	112013016465.4			
70001 BKY CI BIGER	COMPOSITION	SSIII	02,08,2012	112013010403.4			
	COMPRISING GLUTEN-FREE	THE DOW CHEMICAL					
70061-CN-PCT China	CEREAL FLOUR	COMPANY	02/08/2012 2	201280008779.0	103369965	08/05/2015 20128000877	9.0
	COMPOSITION COMPRISING						
European	GLUTEN-FREE	THE DOW CHEMICAL					
70061-EP-EPT Procedure (Patents	) CEREAL FLOUR COMPOSITION	COMPANY	02/08/2012 1	L2705022.7	2677873		88888
	COMPRISING						
70061-JP-PCT Japan	GLUTEN-FREE CEREAL FLOUR	THE DOW CHEMICAL COMPANY	02/08/2012 2	0013.555436		11/18/2016 6042828	
yocot-yr-ret Japan	COMPOSITION	SOM AW	02,00,2012 2	013-330-30		11/10/2010 0042020	35555
	COMPRISING GLUTEN-FREE	THE DOW CHEMICAL					
70061-KR-PCT SOUTH KOREA	CEREAL FLOUR	COMPANY	02/08/2012 1	10-2013-7025010	10-2014-000696	55	
	COMPOSITION COMPRISING						
	GLUTEN-FREE	THE DOW CHEMICAL					
70062-BR-PCT Brazil	CEREAL FLOUR COMPOSITION	COMPANY	02/08/2012 1	112013020347.1			
	COMPRISING						
70062-CN-PCT China	GLUTEN-FREE CEREAL FLOUR	THE DOW CHEMICAL COMPANY	02/09/2012	201280010151.4	103391719	07/01/2015 20128001015	1 /
70002-CN-PC) Clillia	COMPOSITION	COMPANT	02/08/2012 2	201280010131.4	103331713	07/01/2013 20128001013	1.4
	COMPRISING	THE DOWN CHERAICAL					
70062-DE-EPT Germany	GLUTEN-FREE CEREAL FLOUR	THE DOW CHEMICAL COMPANY	02/08/2012 1	12705023.5	2677874	10/03/2018 2677874	
	COMPOSITION COMPRISING						
European	GLUTEN-FREE	THE DOW CHEMICAL					
70062-EP-EPT Procedure (Patents	) CEREAL FLOUR COMPOSITION	COMPANY	02/08/2012 1	L2705023.5	2677874	10/03/2018 2677874	188888
	COMPRISING						
70062-FR-EPT France	GLUTEN-FREE CEREAL FLOUR	THE DOW CHEMICAL COMPANY	02/08/2012 1	17705072 5	2677874	10/03/2018 2677874	
/UUDZ-FN-CF) Flaile	COMPOSITION	COMPANI	02/06/2012	12703023.3	2011014	10/03/2010 20/10/4	35555
	COMPRISING GLUTEN-FREE	THE DOW CHEMICAL					
70062-GB-EPT United Kingdom	CEREAL FLOUR	COMPANY	02/08/2012 1	12705023.5	2677874	10/03/2018 2677874	
	COMPOSITION COMPRISING						
	GLUTEN-FREE	THE DOW CHEMICAL					
70062-IN-PCT India	CEREAL FLOUR COMPOSITION	COMPANY	02/08/2012 (	5584/CHENP/2013	6584/CHENP/20	13	30000 30000
	COMPRISING						
70062-JP-PCT Japan	GLUTEN-FREE CEREAL FLOUR	THE DOW CHEMICAL COMPANY	02/08/2012 2	2013-555437	2014-506481	05/13/2016 5934261	
, 2002 31 1 CT Supati	52.12.12 1 200N	THE STATE OF THE S	02,00,2012 2	_013 333737	201-T-300401	33, 13, 2010 3334201	

		COMPOSITION						88888
		COMPRISING						
		GLUTEN-FREE	THE DOW CHEMICAL					
70062-KR-PCT	SOUTH KOREA	CEREAL FLOUR	COMPANY	02/08/2012 10-2	1013-7025007	10-2014-00069	64	
		COMPOSITION COMPRISING						
		GLUTEN-FREE	THE DOW CHEMICAL					
70062-MX-PCT	Mexico	CEREAL FLOUR	COMPANY	02/08/2012 MX/	/a/2013/009759	MX/a/2013/00	08/30/2017 350218	
		COMPOSITION						
		COMPRISING						
	41 -4 1	GLUTEN-FREE	THE DOW CHEMICAL					
70062-NL-EPT	Netherlands	CEREAL FLOUR COMPOSITION	COMPANY	02/08/2012 1270	05023.5	2677874	10/03/2018 2677874	8888
		COMPRISING						
	United States Of	GLUTEN-FREE	THE DOW CHEMICAL					
70062-US-PCT	America	CEREAL FLOUR	COMPANY	02/08/2012 13/9	982314	2013-0323355		
		PROCESS FOR						
		REDUCING THE AMOUNT OF WATER-						
		INSOLUBLE FIBERS IN						
		A WATER-SOLUBLE						
		CELLULOSE	THE DOW CHEMICAL					
70083-BE-EPT	Belgium	DERIVATIVE	COMPANY	03/29/2012 127	14150.5	2694558	10/18/2017 2694558	10000000
		PROCESS FOR						
		REDUCING THE						
		AMOUNT OF WATER-						
		INSOLUBLE FIBERS IN						
		A WATER-SOLUBLE						
70083-CN-PCT	China	CELLULOSE DERIVATIVE	THE DOW CHEMICAL COMPANY	02/20/2012 2013	390015363.0	103459429	00/14/2016 20129001E26	62.0
70083-CN-PC1	Cillia	DERIVATIVE	COMEMIA	03/29/2012 2013	260015265.9	105459429	09/14/2016 20128001526	65.9
		PROCESS FOR						
		REDUCING THE						
		AMOUNT OF WATER-						
		INSOLUBLE FIBERS IN						
		A WATER-SOLUBLE						
70083-DE-EPT	Germany	A WATER-SOLUBLE CELLULOSE	THE DOW CHEMICAL	03/29/2012 127	14150.5	2694558	10/18/2017 6020120386	33.9
70083-DE-EPT	Germany	A WATER-SOLUBLE		03/29/2012 127	14150.5	2694558	10/18/2017 60201203863	33.9
70083-DE-EPT	Germany	A WATER-SOLUBLE CELLULOSE	THE DOW CHEMICAL	03/29/2012 127	14150.5	2694558	10/18/2017 6020120386	33.9
70083-DE-EPT	Germany	A WATER-SOLUBLE CELLULOSE DERIVATIVE PROCESS FOR REDUCING THE	THE DOW CHEMICAL COMPANY	03/29/2012 127	14150.5	2694558	10/18/2017 6020120386	33.9
70083-DE-EPT	Germany	A WATER-SOLUBLE CELLULOSE DERIVATIVE PROCESS FOR REDUCING THE AMOUNT OF WATER-	THE DOW CHEMICAL COMPANY	03/29/2012 127	14150.5	2694558	10/18/2017 6020120386	33.9
70083-DE-EPT	Germany	A WATER-SOLUBLE CELLULOSE DERIVATIVE  PROCESS FOR REDUCING THE AMOUNT OF WATER- INSOLUBLE FIBERS IN	THE DOW CHEMICAL COMPANY	03/29/2012 127	14150.5	2694558	10/18/2017 6020120386	33.9
70083-DE-EPT	Germany European	A WATER-SOLUBLE CELLULOSE DERIVATIVE PROCESS FOR REDUCING THE AMOUNT OF WATER-	THE DOW CHEMICAL COMPANY	03/29/2012 127	14150.5	2694558	10/18/2017 6020120386	33.9
70083-DE-EPT 70083-EP-EPT		A WATER-SOLUBLE CELLULOSE DERIVATIVE  PROCESS FOR REDUCING THE AMOUNT OF WATER- INSOLUBLE FIBERS IN A WATER-SOLUBLE CELLULOSE	THE DOW CHEMICAL COMPANY	03/29/2012 127 03/29/2012 127		2694558 2694558	10/18/2017 6020120386: 10/18/2017 2694558	33.9
	European	A WATER-SOLUBLE CELLULOSE DERIVATIVE  PROCESS FOR REDUCING THE AMOUNT OF WATER- INSOLUBLE FIBERS IN A WATER-SOLUBLE CELLULOSE DERIVATIVE	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL					33.9
	European	A WATER-SOLUBLE CELLULOSE DERIVATIVE  PROCESS FOR REDUCING THE AMOUNT OF WATER- INSOLUBLE FIBERS IN A WATER-SOLUBLE CELLULOSE DERIVATIVE  PROCESS FOR	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL					33.9
	European	A WATER-SOLUBLE CELLULOSE DERIVATIVE  PROCESS FOR REDUCING THE AMOUNT OF WATER-INSOLUBLE FIBERS IN A WATER-SOLUBLE CELLULOSE DERIVATIVE  PROCESS FOR REDUCING THE	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY					33.9
	European	A WATER-SOLUBLE CELLULOSE DERIVATIVE  PROCESS FOR REDUCING THE AMOUNT OF WATER- INSOLUBLE FIBERS IN A WATER-SOLUBLE CELLULOSE DERIVATIVE  PROCESS FOR	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY					33.9
	European	A WATER-SOLUBLE CELLULOSE DERIVATIVE  PROCESS FOR REDUCING THE AMOUNT OF WATER-INSOLUBLE FIBERS IN A WATER-SOLUBLE CELLULOSE DERIVATIVE  PROCESS FOR REDUCING THE AMOUNT OF WATER-	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY					33.9
70083-EP-EPT	European Procedure (Patents)	A WATER-SOLUBLE CELLULOSE DERIVATIVE  PROCESS FOR REDUCING THE AMOUNT OF WATER- INSOLUBLE FIBERS IN A WATER-SOLUBLE CELLULOSE DERIVATIVE  PROCESS FOR REDUCING THE AMOUNT OF WATER- INSOLUBLE FIBERS IN A WATER-SOLUBLE CELLULOSE	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL	03/29/2012 127:	14150.5	2694558	10/18/2017 2694558	33.9
	European	A WATER-SOLUBLE CELLULOSE DERIVATIVE  PROCESS FOR REDUCING THE AMOUNT OF WATER- INSOLUBLE FIBERS IN A WATER-SOLUBLE CELLULOSE DERIVATIVE  PROCESS FOR REDUCING THE AMOUNT OF WATER- INSOLUBLE FIBERS IN A WATER-SOLUBLE	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY		14150.5			333.9
70083-EP-EPT	European Procedure (Patents)	A WATER-SOLUBLE CELLULOSE DERIVATIVE  PROCESS FOR REDUCING THE AMOUNT OF WATER- INSOLUBLE FIBERS IN A WATER-SOLUBLE CELLULOSE DERIVATIVE  PROCESS FOR REDUCING THE AMOUNT OF WATER- INSOLUBLE FIBERS IN A WATER-SOLUBLE CELLULOSE DERIVATIVE	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL	03/29/2012 127:	14150.5	2694558	10/18/2017 2694558	333.9
70083-EP-EPT	European Procedure (Patents)	A WATER-SOLUBLE CELLULOSE DERIVATIVE  PROCESS FOR REDUCING THE AMOUNT OF WATER- INSOLUBLE FIBERS IN A WATER-SOLUBLE CELLULOSE DERIVATIVE  PROCESS FOR REDUCING THE AMOUNT OF WATER- INSOLUBLE FIBERS IN A WATER-SOLUBLE CELLULOSE	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL	03/29/2012 127:	14150.5	2694558	10/18/2017 2694558	333.9
70083-EP-EPT	European Procedure (Patents)	A WATER-SOLUBLE CELLULOSE DERIVATIVE  PROCESS FOR REDUCING THE AMOUNT OF WATER- INSOLUBLE FIBERS IN A WATER-SOLUBLE CELLULOSE DERIVATIVE  PROCESS FOR REDUCING THE AMOUNT OF WATER- INSOLUBLE FIBERS IN A WATER-SOLUBLE CELLULOSE DERIVATIVE  VPROCESS FOR	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	03/29/2012 127:	14150.5	2694558	10/18/2017 2694558	333.9
70083-EP-EPT	European Procedure (Patents)	A WATER-SOLUBLE CELLULOSE DERIVATIVE  PROCESS FOR REDUCING THE AMOUNT OF WATER- INSOLUBLE FIBERS IN A WATER-SOLUBLE CELLULOSE DERIVATIVE  PROCESS FOR REDUCING THE AMOUNT OF WATER- INSOLUBLE FIBERS IN A WATER-SOLUBLE CELLULOSE DERIVATIVE  VPROCESS FOR REDUCING THE AMOUNT OF WATER- INSOLUBLE FIBERS IN	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	03/29/2012 127:	14150.5	2694558	10/18/2017 2694558	333.9
70083-EP-EPT	European Procedure (Patents)	A WATER-SOLUBLE CELLULOSE DERIVATIVE  PROCESS FOR REDUCING THE AMOUNT OF WATER-INSOLUBLE FIBERS IN A WATER-SOLUBLE CELLULOSE DERIVATIVE  PROCESS FOR REDUCING THE AMOUNT OF WATER-INSOLUBLE FIBERS IN A WATER-SOLUBLE CELLULOSE DERIVATIVE  VPROCESS FOR REDUCING THE AMOUNT OF WATER-INSOLUBLE AMOUNT OF WATER-INSOLUBLE CELLULOSE DERIVATIVE  VPROCESS FOR REDUCING THE AMOUNT OF WATER-INSOLUBLE FIBERS IN A WATER-SOLUBLE	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	03/29/2012 127:	14150.5	2694558	10/18/2017 2694558	333.9
70083-EP-EPT 70083-JP-PCT	European Procedure (Patents) Japan	A WATER-SOLUBLE CELLULOSE DERIVATIVE  PROCESS FOR REDUCING THE AMOUNT OF WATER- INSOLUBLE FIBERS IN A WATER-SOLUBLE CELLULOSE DERIVATIVE  PROCESS FOR REDUCING THE AMOUNT OF WATER- INSOLUBLE FIBERS IN A WATER-SOLUBLE CELLULOSE DERIVATIVE  VPROCESS FOR REDUCING THE AMOUNT OF WATER- INSOLUBLE FIBERS IN A WATER-SOLUBLE CELLULOSE DERIVATIVE  VPROCESS FOR REDUCING THE AMOUNT OF WATER- INSOLUBLE FIBERS IN A WATER-SOLUBLE CELLULOSE	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	03/29/2012 127: 03/29/2012 2014	14150.5 4-503 <b>68</b> 9	2694558 2014-510183	10/18/2017 2694558 07/22/2016 5973549	333.9
70083-EP-EPT	European Procedure (Patents)	A WATER-SOLUBLE CELLULOSE DERIVATIVE  PROCESS FOR REDUCING THE AMOUNT OF WATER-INSOLUBLE FIBERS IN A WATER-SOLUBLE CELLULOSE DERIVATIVE  PROCESS FOR REDUCING THE AMOUNT OF WATER-INSOLUBLE FIBERS IN A WATER-SOLUBLE CELLULOSE DERIVATIVE  VPROCESS FOR REDUCING THE AMOUNT OF WATER-INSOLUBLE AMOUNT OF WATER-INSOLUBLE CELLULOSE DERIVATIVE  VPROCESS FOR REDUCING THE AMOUNT OF WATER-INSOLUBLE FIBERS IN A WATER-SOLUBLE	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	03/29/2012 127:	14150.5 4-503 <b>68</b> 9	2694558	10/18/2017 2694558 07/22/2016 5973549	333.9
70083-EP-EPT 70083-JP-PCT	European Procedure (Patents) Japan	A WATER-SOLUBLE CELLULOSE DERIVATIVE  PROCESS FOR REDUCING THE AMOUNT OF WATER- INSOLUBLE FIBERS IN A WATER-SOLUBLE CELLULOSE DERIVATIVE  PROCESS FOR REDUCING THE AMOUNT OF WATER- INSOLUBLE FIBERS IN A WATER-SOLUBLE CELLULOSE DERIVATIVE  VPROCESS FOR REDUCING THE AMOUNT OF WATER- INSOLUBLE FIBERS IN A WATER-SOLUBLE CELLULOSE DERIVATIVE  VPROCESS FOR REDUCING THE AMOUNT OF WATER- INSOLUBLE FIBERS IN A WATER-SOLUBLE CELLULOSE	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	03/29/2012 127: 03/29/2012 2014	14150.5 4-503 <b>68</b> 9	2694558 2014-510183	10/18/2017 2694558 07/22/2016 5973549	333.9
70083-EP-EPT 70083-JP-PCT	European Procedure (Patents) Japan	A WATER-SOLUBLE CELLULOSE DERIVATIVE  PROCESS FOR REDUCING THE AMOUNT OF WATER- INSOLUBLE FIBERS IN A WATER-SOLUBLE CELLULOSE DERIVATIVE  PROCESS FOR REDUCING THE AMOUNT OF WATER- INSOLUBLE FIBERS IN A WATER-SOLUBLE CELLULOSE DERIVATIVE  VPROCESS FOR REDUCING THE AMOUNT OF WATER- INSOLUBLE FIBERS IN A WATER-SOLUBLE CELLULOSE DERIVATIVE  CELLULOSE DERIVATIVE  CELLULOSE DERIVATIVE	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	03/29/2012 127: 03/29/2012 2014	14150.5 4-503 <b>68</b> 9	2694558 2014-510183	10/18/2017 2694558 07/22/2016 5973549	333.9
70083-EP-EPT 70083-JP-PCT	European Procedure (Patents) Japan	A WATER-SOLUBLE CELLULOSE DERIVATIVE  PROCESS FOR REDUCING THE AMOUNT OF WATER- INSOLUBLE FIBERS IN A WATER-SOLUBLE CELLULOSE DERIVATIVE  PROCESS FOR REDUCING THE AMOUNT OF WATER- INSOLUBLE FIBERS IN A WATER-SOLUBLE CELLULOSE DERIVATIVE  VPROCESS FOR REDUCING THE AMOUNT OF WATER- INSOLUBLE FIBERS IN A WATER-SOLUBLE CELLULOSE DERIVATIVE  PROCESS FOR REDUCING THE AMOUNT OF WATER-	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	03/29/2012 127: 03/29/2012 2014	14150.5 4-503 <b>68</b> 9	2694558 2014-510183	10/18/2017 2694558 07/22/2016 5973549	333.9
70083-EP-EPT 70083-JP-PCT	European Procedure (Patents) Japan	A WATER-SOLUBLE CELLULOSE DERIVATIVE  PROCESS FOR REDUCING THE AMOUNT OF WATER- INSOLUBLE FIBERS IN A WATER-SOLUBLE CELLULOSE DERIVATIVE  PROCESS FOR REDUCING THE AMOUNT OF WATER- INSOLUBLE FIBERS IN A WATER-SOLUBLE CELLULOSE DERIVATIVE  VPROCESS FOR REDUCING THE AMOUNT OF WATER- INSOLUBLE FIBERS IN A WATER-SOLUBLE CELLULOSE DERIVATIVE  PROCESS FOR REDUCING THE AMOUNT OF WATER- INSOLUBLE FIBERS IN A WATER-SOLUBLE CELLULOSE DERIVATIVE  PROCESS FOR REDUCING THE AMOUNT OF WATER- INSOLUBLE FIBERS IN	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	03/29/2012 127: 03/29/2012 2014	14150.5 4-503 <b>68</b> 9	2694558 2014-510183	10/18/2017 2694558 07/22/2016 5973549	333.9
70083-EP-EPT 70083-JP-PCT	European Procedure (Patents) Japan SOUTH KOREA	A WATER-SOLUBLE CELLULOSE DERIVATIVE  PROCESS FOR REDUCING THE AMOUNT OF WATER- INSOLUBLE FIBERS IN A WATER-SOLUBLE CELLULOSE DERIVATIVE  PROCESS FOR REDUCING THE AMOUNT OF WATER- INSOLUBLE FIBERS IN A WATER-SOLUBLE CELLULOSE DERIVATIVE  VPROCESS FOR REDUCING THE AMOUNT OF WATER- INSOLUBLE FIBERS IN A WATER-SOLUBLE CELLULOSE DERIVATIVE  PROCESS FOR REDUCING THE AMOUNT OF WATER- INSOLUBLE FIBERS IN A WATER-SOLUBLE CELLULOSE DERIVATIVE  PROCESS FOR REDUCING THE AMOUNT OF WATER- INSOLUBLE FIBERS IN A WATER-SOLUBLE	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	03/29/2012 127: 03/29/2012 2014	14150.5 4-503 <b>68</b> 9	2694558 2014-510183	10/18/2017 2694558 07/22/2016 5973549	33.9
70083-EP-EPT 70083-JP-PCT	European Procedure (Patents) Japan	A WATER-SOLUBLE CELLULOSE DERIVATIVE  PROCESS FOR REDUCING THE AMOUNT OF WATER- INSOLUBLE FIBERS IN A WATER-SOLUBLE CELLULOSE DERIVATIVE  PROCESS FOR REDUCING THE AMOUNT OF WATER- INSOLUBLE FIBERS IN A WATER-SOLUBLE CELLULOSE DERIVATIVE  VPROCESS FOR REDUCING THE AMOUNT OF WATER- INSOLUBLE FIBERS IN A WATER-SOLUBLE CELLULOSE DERIVATIVE  PROCESS FOR REDUCING THE AMOUNT OF WATER- INSOLUBLE FIBERS IN A WATER-SOLUBLE CELLULOSE DERIVATIVE  PROCESS FOR REDUCING THE AMOUNT OF WATER- INSOLUBLE FIBERS IN	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	03/29/2012 127: 03/29/2012 2014	14150.5 4-503689	2694558 2014-510183	10/18/2017 2694558 07/22/2016 5973549	33.9

70085-BR-PCT Brazil	FOOD COMPOSITION COMPRISING A CELLULOSE ETHER	THE DOW CHEMICAL COMPANY	06/06/2012 112013028832.	)	
70085-CN-PCT China	FOOD COMPOSITION COMPRISING A CELLULOSE ETHER	THE DOW CHEMICAL COMPANY	06/06/2012 201280029075.	l 103619884	06/29/2016 201280029075.1
70085-DE-EPT Germany	FOOD COMPOSITION COMPRISING A CELLULOSE ETHER FOOD COMPOSITION	THE DOW CHEMICAL COMPANY	06/06/2012 12728340.6	2721075	07/22/2015 602012008971.7
European 70085-EP-EPT Procedure (Patents	COMPRISING A CELLULOSE ETHER	THE DOW CHEMICAL COMPANY	06/06/2012 12728340.6	2721075	07/22/2015 2721075
70085-FR-EPT France	FOOD COMPOSITION COMPRISING A CELLULOSE ETHER	THE DOW CHEMICAL COMPANY	06/06/2012 12728340.6	2721075	07/22/2015 2721075
70085-GB-EPT United Kingdom	FOOD COMPOSITION COMPRISING A CELLULOSE ETHER	THE DOW CHEMICAL COMPANY	06/06/2012 12728340.6	2721075	07/22/2015 2721075
70085-IN-PCT India	FOOD COMPOSITION COMPRISING A CELLULOSE ETHER	THE DOW CHEMICAL COMPANY	06/06/2012 8740/CHENP/20	13 8740/CHENP/20	013
70085-JP-PCT Japan	FOOD COMPOSITION COMPRISING A CELLULOSE ETHER	THE DOW CHEMICAL COMPANY	06/06/2012 2014-515874	2014-518067	10/07/2016 6018189
70085-KR-PCT SOUTH KOREA	FOOD COMPOSITION COMPRISING A CELLULOSE ETHER	THE DOW CHEMICAL COMPANY	06/06/2012 10-2013-703280	08 10-2014-00331	08
70085-NL-EPT Netherlands	FOOD COMPOSITION COMPRISING A CELLULOSE ETHER	THE DOW CHEMICAL COMPANY	06/06/2012 12728340.6	2721075	07/22/2015 2721075
United States Of 70085-US-PCT America	FOOD COMPOSITION COMPRISING A CELLULOSE ETHER COMPOSITION FOR	THE DOW CHEMICAL COMPANY	06/06/2012 14/125405	2014-0134317	03/14/2017 9591870
70115-BE-EPT Belgium	EXTRUSION-MOLDED BODIES COMPRISING A METHYL CELLULOSE	THE DOW CHEMICAL COMPANY	10/27/2011 11782301 3	2637836	09/13/2017 2637836
	COMPOSITION FOR EXTRUSION-MOLDED BODIES COMPRISING A METHYL				
70115-DE-EPT Germany	CELLULOSE COMPOSITION FOR EXTRUSION-MOLDED BODIES COMPRISING	COMPANY	10/27/2011 11782301.3	2637836	09/13/2017 602011041586.7
70115-HU-EPT Hungary	A METHYL CELLULOSE COMPOSITION FOR EXTRUSION-MOLDED	THE DOW CHEMICAL COMPANY	10/27/2011 11782301.3	2637836	09/13/2017 2637836
70115-JP-PCT Japan	BODIES COMPRISING A METHYL CELLULOSE COMPOSITION FOR EXTRUSION-MOLDED	THE DOW CHEMICAL COMPANY	10/27/2011 2013-537703	2014-510687	02/10/2017 6087830
70115-PL-EPT Poland	BODIES COMPRISING A METHYL CELLULOSE COMPOSITION FOR	THE DOW CHEMICAL COMPANY	10/27/2011 11782301.3	2637836	09/13/2017 2637836
United States Of 70115-US-PCT America	EXTRUSION-MOLDED BODIES COMPRISING A METHYL CELLULOSE		10/27/2011 13/880179	2013-0216769	05/31/2016 9353011

			COMPOSITIONS AND						
			METHODS FOR TREATING OBESITY						
			AND RELATED DISORDERS BY						
			CHARACTERIZING AND RESTORING						
		United States Of	MAMMALIAN BACATERIAL	THE DOW CHEMICAL					
2000	70267-US-NP	America	MICROBIOTA	COMPANY	08/19/2011	13/214034	2012-0058094	07/12/2016 9386793	
			NOVEL CELLULOSE ETHERS AND THEIR	THE DOW CHEMICAL					
3	70270-BE-EPT	Belgium	USE NOVEL CELLULOSE	COMPANY	10/06/2011	11770310.8	2627675	06/14/2017 2627675	10000000
	70 <b>330</b> BE EBT		ETHERS AND THEIR	THE DOW CHEMICAL	10/05/2011	44770240 8	2627076	AC 44 4 12 A 2 T T T T T T T T T T T T T T T T T	, aa a
	70270-DE-EPT	Germany	USE NOVEL CELLULOSE	COMPANY	10/06/2011	11770310.8	2627675	06/14/2017 6020110387	/38.3
	70270-FR-EPT	France	ETHERS AND THEIR USE	THE DOW CHEMICAL COMPANY	10/06/2011	11770310.8	2627675	06/14/2017 2627675	
			NOVEL CELLULOSE ETHERS AND THEIR	THE DOW CHEMICAL					
	70270-JP-PCT	Japan	USE	COMPANY	10/06/2011	2013-533884	2014-503004	03/18/2016 5902696	
			NOVEL CELLULOSE ETHERS AND THEIR	THE DOW CHEMICAL					
	70270-NL-EPT	Netherlands	USE NOVEL CELLULOSE	COMPANY	10/06/2011	11770310.8	2627675	06/14/2017 2627675	3333333
***************************************	70270-PL-EPT	Poland	ETHERS AND THEIR USE	THE DOW CHEMICAL COMPANY	10/06/2011	11770210.0	2627675	06/14/2017 2627675	
	/62/04FL-EF1		NOVEL CELLULOSE		10/00/2011	11770310.0	2027013	UQ/14/2017 202/G/3	20000000
	70270-US-PCT	United States Of America	ETHERS AND THEIR USE	THE DOW CHEMICAL COMPANY	10/06/2011	13/825733	2013-0193370	02/28/2017 9580581	
			PROCESS FOR PRODUCING						
			CELLULOSE DERIVATIVES OF						
			HIGH BULK DENSITY						
- 3			AND GOOD						
	70306-BR-PCT	Brazil	FLOWABILITY	THE DOW CHEMICAL COMPANY	03/29/2012	112013023380.0			
	70306-BR-PCT	Brazil			03/29/2012	112013023380.0			
	70306-BR-PCT	Brazil	FLOWABILITY PROCESS FOR PRODUCING CELLULOSE		03/29/2012	112013023380.0			
	70306-BR-PCT	Brazil	FLOWABILITY PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY	COMPANY	03/29/2012	112013023380.0			
•	70306-BR-PCT	Brazil China	PEOWABILITY PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF			112013023380.0 201610585804.1	106188581		
•			PLOWABILITY PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY AND GOOD FLOWABILITY PROCESS FOR	COMPANY  THE DOW CHEMICAL			106188581		
•			PLOWABILITY PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY AND GOOD FLOWABILITY PROCESS FOR PRODUCING CELLULOSE	COMPANY  THE DOW CHEMICAL			106188581		
•			PLOWABILITY PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY AND GOOD FLOWABILITY PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY	COMPANY  THE DOW CHEMICAL COMPANY			106188581		
			PLOWABILITY PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY AND GOOD FLOWABILITY PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF	COMPANY  THE DOW CHEMICAL	07/25/2016		106188581	08/17/2016 2012800158	344.2
	70306-CN-PCD	China	PLOWABILITY PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY AND GOOD FLOWABILITY PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY AND GOOD FLOWABILITY PROCESS FOR	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL	07/25/2016	201610585804.1		08/17/2016 2012800158	344.2
	70306-CN-PCD	China	PLOWABILITY PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY AND GOOD FLOWABILITY PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY AND GOOD FLOWABILITY PROCESS FOR PRODUCING CELLULOSE CELLULOSE CELLULOSE CELLULOSE CELLULOSE CELLULOSE	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL	07/25/2016	201610585804.1		08/17/2016 2012800158	344:2
	70306-CN-PCD	China China	PLOWABILITY PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY AND GOOD FLOWABILITY PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY AND GOOD FLOWABILITY PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY AND GOOD FLOWABILITY PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	07/25/2016	201610585804.1		08/17/2016 2012800158	344.2
	70306-CN-PCD	China	PLOWABILITY PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY AND GOOD FLOWABILITY PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY AND GOOD FLOWABILITY PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY AND GOOD HUGH GELLULOSE DERIVATIVES OF HIGH BULK DENSITY AND GOOD	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL	07/25/2016	201610585804.1 201280015844.2		08/17/2016 2012800158	344.2
	70306-CN-PCD 70306-CN-PCT	China China European	PLOWABILITY PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY AND GOOD FLOWABILITY PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY AND GOOD FLOWABILITY PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY AND GOOD HUGH GELLULOSE DERIVATIVES OF HIGH BULK DENSITY AND GOOD	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL	07/25/2016 03/29/2012	201610585804.1 201280015844.2	103459430	08/17/2016 2012800158	344.2
	70306-CN-PCD 70306-CN-PCT	China China European	PLOWABILITY PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY AND GOOD FLOWABILITY PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY AND GOOD FLOWABILITY PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY AND GOOD FLOWABILITY PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY AND GOOD FLOWABILITY PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY AND GOOD FLOWABILITY PROCESS FOR PRODUCING CELLULOSE	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL	07/25/2016 03/29/2012	201610585804.1 201280015844.2	103459430	08/17/2016 2012800158	344.2
	70306-CN-PCD 70306-CN-PCT	China China European	PLOWABILITY PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY AND GOOD FLOWABILITY PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY AND GOOD FLOWABILITY PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY AND GOOD FLOWABILITY PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY AND GOOD FLOWABILITY PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	07/25/2016 03/29/2012	201610585804.1 201280015844.2	103459430	08/17/2016 2012800158	344.2
	70306-CN-PCD 70306-CN-PCT	China China European	FLOWABILITY PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY AND GOOD FLOWABILITY PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY AND GOOD FLOWABILITY PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY AND GOOD FLOWABILITY PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY AND GOOD FLOWABILITY PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY AND GOOD FLOWABILITY AND GOOD FLOWABILITY PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY AND GOOD FLOWABILITY	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL	07/25/2016 03/29/2012 03/29/2012	201610585804.1 201280015844.2	103459430	08/17/2016 2012800158	344.2
	70306-CN-PCD 70306-CN-PCT 70306-EP-EPT	China China European Procedure (Patents)	FLOWABILITY PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY AND GOOD FLOWABILITY PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY AND GOOD FLOWABILITY PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY AND GOOD FLOWABILITY PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY AND GOOD FLOWABILITY PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY AND GOOD	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	07/25/2016 03/29/2012 03/29/2012	201610585804.1 201280015844.2 12712851.0	103459430	08/17/2016 2012800158	344.2
	70306-CN-PCD 70306-CN-PCT 70306-EP-EPT	China China European Procedure (Patents)	PLOWABILITY PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY AND GOOD FLOWABILITY PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY AND GOOD FLOWABILITY PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY AND GOOD FLOWABILITY PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY AND GOOD FLOWABILITY PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY AND GOOD FLOWABILITY PROCESS FOR PRODUCING CELULOSE DERIVATIVES OF HIGH BULK DENSITY AND GOOD FLOWABILITY PROCESS FOR PRODUCING CELLULOSE	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	07/25/2016 03/29/2012 03/29/2012	201610585804.1 201280015844.2 12712851.0	103459430	08/17/2016 2012800158	344.2
	70306-CN-PCD 70306-CN-PCT 70306-EP-EPT	China China European Procedure (Patents)	FLOWABILITY PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY AND GOOD FLOWABILITY PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY AND GOOD FLOWABILITY PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY AND GOOD FLOWABILITY PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY AND GOOD FLOWABILITY PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY AND GOOD FLOWABILITY PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY AND GOOD FLOWABILITY PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	07/25/2016 03/29/2012 03/29/2012	201610585804.1 201280015844.2 12712851.0	103459430	08/17/2016 2012800158	344.2
	70306-CN-PCD 70306-CN-PCT 70306-EP-EPT	China China European Procedure (Patents)	FLOWABILITY PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY AND GOOD FLOWABILITY PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY AND GOOD FLOWABILITY PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY AND GOOD FLOWABILITY PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY AND GOOD FLOWABILITY PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY AND GOOD FLOWABILITY PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF FRODUCING CELLULOSE DERIVATIVES OF PRODUCING CELLULOSE DERIVATIVES OF	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	07/25/2016 03/29/2012 03/29/2012	201610585804.1 201280015844.2 12712851.0	103459430	08/17/2016 2012800158 07/29/2016 5977331	344.2

	PROCESS FOR				
	PRODUCING				
	CELLULOSE				
	DERIVATIVES OF				
	HIGH BULK DENSITY				
	AND GOOD	THE DOW CHEMICAL			
70306-KR-PCT SOUTH KOREA	FLOWABILITY	COMPANY 03/29/2	012 10-2013-7026351	10-2014-00271	12
	PROCESS FOR				
	PRODUCING				
	CELLULOSE				
	DERIVATIVES OF				
	HIGH BULK DENSITY				
7020C NAV DCD Marries	AND GOOD	THE DOW CHEMICAL	016 NAVI-120161010062		
70306-MX-PCD Mexico	FLOWABILITY PROCESS FOR	COMPANY 08/23/2	016 MX/a/2016/010962		
	PRODUCING				
	CELLULOSE				
	DERIVATIVES OF				
	HIGH BULK DENSITY				
	AND GOOD	THE DOW CHEMICAL			
70306-MX-PCT Mexico	FLOWABILITY	COMPANY 03/29/2	012 MX/a/2013/011588	MX/a/2013/01	11/08/2016 343509
	PROCESS FOR				
	PRODUCING				
	CELLULOSE				
	DERIVATIVES OF				
	HIGH BULK DENSITY				
United States Of	AND GOOD	THE DOW CHEMICAL			
70306-US-PCT America	FLOWABILITY	COMPANY 03/29/2	012 14/009432	2014-0017319	05/31/2016 9352330
	OPTICAL RETARDATION FILM				
	AND METHOD OF	THE DOW CHEMICAL			
70307-CN-PCT China	MANUFACTURING		012 201280038794.X	103733092	04/26/2017 201280038794.X
	OPTICAL		<u> </u>		
	RETARDATION FILM				
	AND METHOD OF	THE DOW CHEMICAL			
70307-DE-EPT Germany	MANUFACTURING	COMPANY 08/07/2	012 12750657.4	2742372	09/16/2015 602012010718.9
	OPTICAL				
	RETARDATION FILM				
	AND METHOD OF	THE DOW CHEMICAL			
70307-IN-PCT India	MANUFACTURING	COMPANY 08/07/2	012 935/CHENP/2014	935/CHENP/201	.4
	OPTICAL DETARDATION OF TAR				
	RETARDATION FILM AND METHOD OF	THE DOW CHEMICAL			
70307-KR-PCT SOUTH KOREA	MANUFACTURING		012 10-2014-7006665	10-2014-00542	10
,030, MT 0, 300 ME.	OPTICAL	35,57,5	012 10 2014 7000003	10 2011 00372	
	RETARDATION FILM				
	AND METHOD OF	THE DOW CHEMICAL			
70307-TW-NP Taiwan	MANUFACTURING	COMPANY 08/10/2	012 101128860	201311782	10/01/2016 1551630
	LIQUID COMPRISING				
	ANIMAL PROTEIN	THE COULCUST HOLD			
70309 RD DCT - Brazil	ANIMAL PROTEIN AND A CARBOXY-C1-	THE DOW CHEMICAL	012 112012020120 7		
70308-BR-PCT Brazil	ANIMAL PROTEIN		012 112013020120.7		
70308-BR-PCT Brazil	ANIMAL PROTEIN AND A CARBOXY-C1-		012 112013020120.7		
70308-BR-PCT Brazil	ANIMAL PROTEIN AND A CARBOXY-C1-		012 112013020120.7		
70308-BR-PCT Brazil	ANIMAL PROTEIN AND A CARBOXY-C1- C3-ALKYL CELLULOSE		012 112013020120.7		
70308-BR-PCT Brazil	ANIMAL PROTEIN AND A CARBOXY-C1- C3-ALKYL CELLULOSE  LIQUID COMPRISING ANIMAL PROTEIN		012 112013020120.7		
70308-BR-PCT Brazil 70308-CN-PCT China	ANIMAL PROTEIN AND A CARBOXY-C1- C3-ALKYL CELLULOSE  LIQUID COMPRISING ANIMAL PROTEIN	COMPANY 01/26/2 THE DOW CHEMICAL	012 112013020120.7	103327821	04/22/2015 201280005844.4
	ANIMAL PROTEIN AND A CARBOXY-C1- C3-ALKYL CELLULOSE LIQUID COMPRISING ANIMAL PROTEIN AND A CARBOXY-C1-	COMPANY 01/26/2 THE DOW CHEMICAL		103327821	04/22/2015 201280005844.4
	ANIMAL PROTEIN AND A CARBOXY-C1- C3-ALKYL CELLULOSE LIQUID COMPRISING ANIMAL PROTEIN AND A CARBOXY-C1- C3-ALKYL CELLULOSE	COMPANY 01/26/2 THE DOW CHEMICAL		103327821	04/22/2015 201280005844.4
	ANIMAL PROTEIN AND A CARBOXY-C1- C3-ALKYL CELLULOSE LIQUID COMPRISING ANIMAL PROTEIN AND A CARBOXY-C1- C3-ALKYL CELLULOSE LIQUID COMPRISING	COMPANY 01/26/2 THE DOW CHEMICAL		103327821	04/22/2015 201280005844.4
	ANIMAL PROTEIN AND A CARBOXY-C1- C3-ALKYL CELLULOSE  LIQUID COMPRISING ANIMAL PROTEIN AND A CARBOXY-C1- C3-ALKYL CELLULOSE  LIQUID COMPRISING ANIMAL PROTEIN	THE DOW CHEMICAL COMPANY 01/26/2		103327821	04/22/2015 201280005844.4
70308-CN-PCT China	ANIMAL PROTEIN AND A CARBOXY-C1- C3-ALKYL CELLULOSE  LIQUID COMPRISING ANIMAL PROTEIN AND A CARBOXY-C1- C3-ALKYL CELLULOSE  LIQUID COMPRISING ANIMAL PROTEIN AND A CARBOXY-C1-	THE DOW CHEMICAL COMPANY  01/26/2  THE DOW CHEMICAL THE DOW CHEMICAL	012 201280005844.4		
	ANIMAL PROTEIN AND A CARBOXY-C1- C3-ALKYL CELLULOSE  LIQUID COMPRISING ANIMAL PROTEIN AND A CARBOXY-C1- C3-ALKYL CELLULOSE  LIQUID COMPRISING ANIMAL PROTEIN	THE DOW CHEMICAL COMPANY  01/26/2  THE DOW CHEMICAL THE DOW CHEMICAL		103327821	04/22/2015 201280005844.4 11/26/2014 602012003993.0
70308-CN-PCT China	ANIMAL PROTEIN AND A CARBOXY-C1- C3-ALKYL CELLULOSE  LIQUID COMPRISING ANIMAL PROTEIN AND A CARBOXY-C1- C3-ALKYL CELLULOSE  LIQUID COMPRISING ANIMAL PROTEIN AND A CARBOXY-C1-	THE DOW CHEMICAL COMPANY  01/26/2  THE DOW CHEMICAL THE DOW CHEMICAL	012 201280005844.4		
70308-CN-PCT China	ANIMAL PROTEIN AND A CARBOXY-C1- C3-ALKYL CELLULOSE  LIQUID COMPRISING ANIMAL PROTEIN AND A CARBOXY-C1- C3-ALKYL CELLULOSE  LIQUID COMPRISING ANIMAL PROTEIN AND A CARBOXY-C1-	THE DOW CHEMICAL COMPANY  01/26/2  THE DOW CHEMICAL THE DOW CHEMICAL	012 201280005844.4		
70308-CN-PCT China	ANIMAL PROTEIN AND A CARBOXY-C1- C3-ALKYL CELLULOSE  LIQUID COMPRISING ANIMAL PROTEIN AND A CARBOXY-C1- C3-ALKYL CELLULOSE  LIQUID COMPRISING ANIMAL PROTEIN AND A CARBOXY-C1- C3-ALKYL CELLULOSE	THE DOW CHEMICAL COMPANY  01/26/2  THE DOW CHEMICAL THE DOW CHEMICAL	012 201280005844.4		
70308-CN-PCT China	ANIMAL PROTEIN AND A CARBOXY-C1- C3-ALKYL CELLULOSE  LIQUID COMPRISING ANIMAL PROTEIN AND A CARBOXY-C1- C3-ALKYL CELLULOSE  LIQUID COMPRISING ANIMAL PROTEIN AND A CARBOXY-C1- C3-ALKYL CELLULOSE  LIQUID COMPRISING ANIMAL PROTEIN	THE DOW CHEMICAL COMPANY  01/26/2  THE DOW CHEMICAL THE DOW CHEMICAL	012 201280005844.4		
70308-CN-PCT China	ANIMAL PROTEIN AND A CARBOXY-C1- C3-ALKYL CELLULOSE  LIQUID COMPRISING ANIMAL PROTEIN AND A CARBOXY-C1- C3-ALKYL CELLULOSE  LIQUID COMPRISING ANIMAL PROTEIN AND A CARBOXY-C1- C3-ALKYL CELLULOSE  LIQUID COMPRISING ANIMAL PROTEIN	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  01/26/2  THE DOW CHEMICAL THE DOW CHEMICAL	012 201280005844.4		

LIQUID COMPRISING		
ANIMAL PROTEIN AND A CARBOXY-C1- II	HE DOW CHEMICAL	
70308-GB-EPT United Kingdom C3-ALKYL CELLULOSE ©	OMPANY 01/26/2012 12703927.9 2672831 11/26/2	014 2672831
LIQUID COMPRISING		
ANIMAL PROTEIN AND A CARBOXY-C1- T	HE DOW CHEMICAL	
70308-IN-PCT India C3-ALKYL CELLULOSE C	OMPANY 01/26/2012 6257/CHENP/2013	
LIQUID COMPRISING ANIMAL PROTEIN		
AND A CARBOXY-C1-	HE DOW CHEMICAL	
70308-JP-PCT Japan C3-ALKYL CELLULOSE ©	OMPANY 01/26/2012 2013-552558 2014-507139 11/18/2	016 6042824
LIQUID COMPRISING ANIMAL PROTEIN		
AND A CARBOXY-C1- T	HE DOW CHEMICAL	
70308-NL-EPT Netherlands C3-ALKYL CELLULOSE C	OMPANY 01/26/2012 12703927.9 2672831 11/26/2	014 2672831
LIQUID COMPRISING ANIMAL PROTEIN		
United States Of AND A CARBOXY-C1- T		
70308-US-PCD America C3-ALKYL CELLULOSE © NOVEL	OMPANY 07/27/2016 15/220589 2016-0330990	
POLYSACCHARIDE	ur pour granger	
	HE DOW CHEMICAL OMPANY 03/29/2012 120130224312	
NOVEL POLYSACCHARIDE		
	HE DOW CHEMICAL	
70605-CN-PCT China DOSAGE FORMS C NOVEL	OMPANY 03/29/2012 201280022115.X 103501817 07/15/2	015 201280022115.X
POLYSACCHARIDE		
	HE DOW CHEMICAL OMPANY 03/29/2012 12714149.7 2694110 02/11/2	015 602012005237.6
NOVEL		
POLYSACCHARIDE  European DERIVATIVES AND II	HE DOW CHEMICAL	
70605-EP-EPT Procedure (Patents) DOSAGE FORMS C NOVEL	OMPANY 03/29/2012 12714149.7 2694110 02/11/2	015 2694110
POLYSACCHARIDE		
	HE DOW CHEMICAL  OMPANY 03/29/2012 12714149 7 2694110 02/11/2	015 2694110
NOVEL		
POLYSACCHARIDE DERIVATIVES AND II	HE DOW CHEMICAL	
70605-GB-EPT United Kingdom DOSAGE FORMS C	OMPANY 03/29/2012 12714149.7 2694110 02/11/2	015 2694110
NOVEL POLYSACCHARIDE		
	HE DOW CHEMICAL	
70605-IE-EPT Ireland DOSAGE FORMS C NOVEL	OMPANY 03/29/2012 12714149.7 2694110 02/11/2	015 2694110
POLYSACCHARIDE DERIVATIVES AND T	HE DOW CHEMICAL	
	HE DOW: CHEMICAL 03/29/2012 6673/CHENP/2013 6673/CHENP/2 06/26/2	018 298075
NOVEL POLYSACCHARIDE		
DERIVATIVES AND T	he dow chemical	
70605-JP-PCT Japan DOSAGE FORMS C NOVEL	OMPANY 03/29/2012 2014-503688 2014-510137 04/17/2	015 5731708
POLYSACCHARIDE		
	HE DOW: CHEMICAL  OMPANY 03/29/2012 10-2013-7026356 10-2014-0009452	
NOVEL DOLVEACEUARINE		
POLYSACCHARIDE DERIVATIVES AND T	HE DOW CHEMICAL	
70605-MX-PCT Mexico DOSAGE FORMS C	OMPANY 03/29/2012 MX/a/2013/011586 MX/a/2013/01 03/22/2	016 337827

United States 70605-US-PCT America	DOSAGE FORMS C	HE DOW CHEMICAL COMPANY	03/29/2012 1	.4/009435	2014-0017326	03/31/2015 8992987
70897-BR-PCT Brazil	POLYMER PARTICLES OF	HE DOW CHEMICAL COMPANY  THE DOW CHEMICAL	12/10/2015 1	12017011863-7		
70897-CN-PCT China  European 70897-EP-EPT Procedure (P.	POLYMER PARTICLES C SIZE REDUCTION OF	OMPANY  THE DOW CHEMICAL	12/10/2015 2	201580064843.0	107001486 3230226	
70897-IN-PCT India	SIZE REDUCTION OF	HE DOW CHEMICAL	12/10/2015 2		201717022446	
70897-JP-PCT Japan	SIZE REDUCTION OF ETHYLCELLULOSE T POLYMER PARTICLES O	HE DOW CHEMICAL COMPANY	12/10/2015 2	9017-531505	2018-502185	
70897-KR-PCT SOUTH KORE	A POLYMER PARTICLES (	HE DOW CHEMICAL	12/10/2015 1	.0-2017-7016952		
United States 70897-US-PCT America	SIZE REDUCTION OF OF ETHYLCELLULOSE T POLYMER PARTICLES O SIZE REDUCTION OF	HE DOW CHEMICAL COMPANY	12/10/2015 1	5/533381	2017-0369596	
International 70897-WO-PCT Procedure 70982-BR-PCT Brazil	ETHYLCELLULOSE TO POLYMER PARTICLES OF PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY, GOOD FLOWABILITY AND IMPROVED DISPERSIBILITY IN T	HE DOW CHEMICAL COMPANY  HE DOW CHEMICAL COMPANY		PCT/US15/064929	WO/2016/09462	4
70982-CN-PCD China		HE DOW CHEMICAL	05/16/2016	201510320448 O	105949328	
70982-CN-PCT China	PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY, GOOD FLOWABILITY AND IMPROVED DISPERSIBILITY IN COLD WATER PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY, GOOD FLOWABILITY AND IMPROVED	COMPANY THE DOW CHEMICAL COMPANY		201610320448.0 201280025503.3	105949328 103561728	08/10/2016 201280025503.3
European 70982-EP-EPT Procedure (P.	100	HE DOW CHEMICAL COMPANY	03/29/2012 1	12714151.3	2694041	

70982-IN-PCT In	dia	PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY, GOOD FLOWABILITY AND IMPROVED DISPERSIBILITY IN COLD WATER PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY,	THE DOW CHEMICAL COMPANY	03/29/2012	6691/CHENP/2013	6691/CHENP/20:	3
		GOOD FLOWABILITY AND IMPROVED					
70003 ID DCT  -		DISPERSIBILITY IN	THE DOW CHEMICAL	02/20/2012	2014 502001	2014 F1019F	11/04/2016 (02426)
70982-JP-PCT Ja	•	COLD WATER PROCESS FOR	COMPANY	03/29/2012	2014-503691	2014-510185	11/04/2016 6034365
70982-KR-PCT \$6	DUTH KOREA	PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY, GOOD FLOWABILITY AND IMPROVED DISPERSIBILITY IN COLD WATER PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY, GOOD FLOWABILITY AND IMPROVED	THE DOW CHEMICAL COMPANY	03/29/2012	10-2013-7026352	10-2014-001544	5
70982-MX-PCT M		DISPERSIBILITY IN COLD WATER	THE DOW CHEMICAL COMPANY	03/29/2012	MX/a/2013/011688	MX/a/2013/0116	588
	nited States Of merica	PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY, GOOD FLOWABILITY AND IMPROVED DISPERSIBILITY IN COLD WATER	THE DOW CHEMICAL COMPANY THE DOWN CHEMICAL	03/29/2012	14/009442	2014-0113999	05/10/2016 9334416
71196-BR-PCT Br		SWEETENER COMPOSITION	THE DOW CHEMICAL COMPANY	09/11/2012	112014003104.5		
		SWEETENER	THE DOW CHEMICAL	no tra tanan		******	
71196-CN-PCT CI		COMPOSITION SWEETENER	COMPANY THE DOW CHEMICAL	09/11/2012	201280044560.6	103813720	03/16/2016 201280044560.6
71196-DE-EPT G	ermany	COMPOSITION	COMPANY	500000000000000000000000000000000000000			
Ει	uropean	SWEETENER	THE DOW CHEMICAL				
71196-EP-EPT Pr	rocedure (Patents)	COMPOSITION SWEETENER	COMPANY THE DOW CHEMICAL	09/11/2012	12769215.0	2755502	
71196-FR-EPT Fr		COMPOSITION	COMPANY				
24406 CB FBT 110		SWEETENER	THE DOW CHEMICAL				
71196-GB-EPT U		COMPOSITION SWEETENER	COMPANY THE DOW CHEMICAL				
71196-IN-PCT In		COMPOSITION	COMPANY	09/11/2012	1839/CHENP/2014	*************************	
71196-JP-PCT Ja		SWEETENER COMPOSITION	THE DOW CHEMICAL COMPANY	09/11/2012	2014-530730	2014-526264	01/27/2017 6082010
71100 KB BCT - \$0		SWEETENER	THE DOW CHEMICAL	00/11/2012	10 2014 7000927	10 2014 000200	7
	etherlands	COMPOSITION SWEETENER COMPOSITION	COMPANY THE DOW CHEMICAL COMPANY	05/11/2012	10-2014-7006827	10-2014-006206	,
		ESTERIFIED CELLULOSE ETHERS					
		HAVING A SPECIFIC					
71353-BR-РСТ Ві	razil	SUBSTITUENT DISTRIBUTION	THE DOW CHEMICAL COMPANY	10/24/2012	112014020722.4		

	ESTERIFIED CELLULOSE ETHERS				
	HAVING A SPECIFIC				
	SUBSTITUENT	THE DOW CHEMICAL			
71353-CN-PCT China	DISTRIBUTION	COMPANY	10/24/2012 201280072177.1	1 104427979	02/16/2018 201280072177.1
	ESTERIFIED				
	CELLULOSE ETHERS				
	HAVING A SPECIFIC				
	SUBSTITUENT	THE DOW CHEMICAL			
71353-DE-EPT Germany	DISTRIBUTION	COMPANY	10/24/2012 12783771.4	2836205	10/19/2016 602012024377.5
	ESTERIFIED				
	CELLULOSE ETHERS				
	HAVING A SPECIFIC				
European	SUBSTITUENT	THE DOW CHEMICAL			
71353-EP-EPT Procedure (Patent		COMPANY	10/24/2012 12783771.4	2836205	10/19/2016 2836205
	ESTERIFIED CELLULOSE ETHERS				
	HAVING A SPECIFIC				
	SUBSTITUENT	THE DOW CHEMICAL			
71353-FR-EPT France	DISTRIBUTION	COMPANY	10/24/2012 12783771.4	2836205	10/19/2016 2836205
	ESTERIFIED		,-,,		
	CELLULOSE ETHERS				
	HAVING A SPECIFIC				
	SUBSTITUENT	THE DOW CHEMICAL			
71353-GB-EPT United Kingdom	DISTRIBUTION	COMPANY	10/24/2012 12783771.4	2836205	10/19/2016 2836205
	ESTERIFIED				
	CELLULOSE ETHERS				
	HAVING A SPECIFIC				
74252 IS SPT. Lively of	SUBSTITUENT	THE DOW CHEMICAL	40/24/2042 42702774 4	2026205	40/40/2046 2026205
71353-IE-EPT Ireland	DISTRIBUTION	COMPANY	10/24/2012 12783771.4	2836205	10/19/2016 2836205
	ESTERIFIED CELLULOSE ETHERS				
	HAVING A SPECIFIC				
	SUBSTITUENT	THE DOW CHEMICAL			
71353-IN-PCT India	DISTRIBUTION	COMPANY	10/24/2012 7375/CHENP/20	14	
	ESTERIFIED			(Telesconomical contraction of the contraction of t	
	CELLULOSE ETHERS				
	HAVING A SPECIFIC				
	SUBSTITUENT	THE DOW CHEMICAL			
71353-JP-PCT Japan	DISTRIBUTION	COMPANY	10/24/2012 2015-505699	2015-521209	04/28/2017 6133969
				EOID DEIEOS	01,20,201, 0100303
	ESTERIFIED			2013 321203	0 1/20/2017 0135505
	CELLULOSE ETHERS			2015 321203	3,723,2027 323333
	CELLULOSE ETHERS HAVING A SPECIFIC			2010 322203	3,73,733
	CELLULOSE ETHERS HAVING A SPECIFIC SUBSTITUENT	THE DOW CHEMICAL			
71353-KR-PCT SOUTH KOREA	CELLULOSE ETHERS HAVING A SPECIFIC SUBSTITUENT DISTRIBUTION	THE DOW CHEMICAL	10/24/2012 10-2014-703159		
71353-KR-PCT SOUTH KOREA	CELLULOSE ETHERS HAVING A SPECIFIC SUBSTITUENT DISTRIBUTION ESTERIFIED		10/24/2012 10-2014-703159		
71353-KR-PCT SOUTH KOREA	CELLULOSE ETHERS HAVING A SPECIFIC SUBSTITUENT DISTRIBUTION ESTERIFIED CELLULOSE ETHERS		10/24/2012 10-2014-703159		
	CELLULOSE ETHERS HAVING A SPECIFIC SUBSTITUENT DISTRIBUTION ESTERIFIED CELLULOSE ETHERS HAVING A SPECIFIC	COMPANY	10/24/2012 10-2014-703159		
United States Of	CELLULOSE ETHERS HAVING A SPECIFIC SUBSTITUENT DISTRIBUTION ESTERIFIED CELLULOSE ETHERS HAVING A SPECIFIC SUBSTITUENT	COMPANY THE DOW CHEMICAL		10-2014-014 <u>6</u> 1	81
	CELLULOSE ETHERS HAVING A SPECIFIC SUBSTITUENT DISTRIBUTION ESTERIFIED CELLULOSE ETHERS HAVING A SPECIFIC	COMPANY	10/24/2012 10-2014-703159 10/24/2012 14/390041	10-2014-014 <u>6</u> 1	
United States Of	CELLULOSE ETHERS HAVING A SPECIFIC SUBSTITUENT DISTRIBUTION ESTERIFIED CELLULOSE ETHERS HAVING A SPECIFIC SUBSTITUENT DISTRIBUTION	COMPANY THE DOW CHEMICAL		10-2014-014 <u>6</u> 1	81
United States Of	CELLULOSE ETHERS HAVING A SPECIFIC SUBSTITUENT DISTRIBUTION ESTERIFIED CELLULOSE ETHERS HAVING A SPECIFIC SUBSTITUENT DISTRIBUTION COMPOSITION	COMPANY THE DOW CHEMICAL		10-2014-014 <u>6</u> 1	81
United States Of	CELLULOSE ETHERS HAVING A SPECIFIC SUBSTITUENT DISTRIBUTION ESTERIFIED CELLULOSE ETHERS HAVING A SPECIFIC SUBSTITUENT DISTRIBUTION COMPOSITION COMPRISING AN	COMPANY THE DOW CHEMICAL		10-2014-014 <u>6</u> 1	81
United States Of	CELLULOSE ETHERS HAVING A SPECIFIC SUBSTITUENT DISTRIBUTION ESTERIFIED CELLULOSE ETHERS HAVING A SPECIFIC SUBSTITUENT DISTRIBUTION COMPROSITION COMPRISING AN ORGANIC DILUENT AND A CELLULOSE ETHER	COMPANY THE DOW CHEMICAL COMPANY		10-2014-01461 2015-0065547	81 04/26/2016 9320799
United States Of 71353-US-PCT America	CELLULOSE ETHERS HAVING A SPECIFIC SUBSTITUENT DISTRIBUTION ESTERIFIED CELLULOSE ETHERS HAVING A SPECIFIC SUBSTITUENT DISTRIBUTION COMPOSITION COMPRISING AN ORGANIC DILUENT AND A CELLULOSE ETHER COMPOSITION	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL	10/24/2012 14/390041	10-2014-01461 2015-0065547	81 04/26/2016 9320799
United States Of 71353-US-PCT America	CELLULOSE ETHERS HAVING A SPECIFIC SUBSTITUENT DISTRIBUTION ESTERIFIED CELLULOSE ETHERS HAVING A SPECIFIC SUBSTITUENT DISTRIBUTION COMPOSITION COMPOSITION AND A CELLULOSE ETHER COMPOSITION COMPOSITION COMPOSITION	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL	10/24/2012 14/390041	10-2014-01461 2015-0065547	81 04/26/2016 9320799
United States Of 71353-US-PCT America	CELLULOSE ETHERS HAVING A SPECIFIC SUBSTITUENT DISTRIBUTION ESTERIFIED CELLULOSE ETHERS HAVING A SPECIFIC SUBSTITUENT DISTRIBUTION COMPOSITION COMPOSITION AND A CELLULOSE ETHER COMPOSITION COMPRISING AN ORGANIC DILUENT	COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	10/24/2012 14/390041	10-2014-01461 2015-0065547	81 04/26/2016 9320799
United States Of 71353-US-PCT America 71354-BR-PCT Brazil	CELLULOSE ETHERS HAVING A SPECIFIC SUBSTITUENT DISTRIBUTION ESTERIFIED CELLULOSE ETHERS HAVING A SPECIFIC SUBSTITUENT DISTRIBUTION COMPOSITION COMPRISING AN ORGANIC DILUENT AND A CELLULOSE ETHER COMPOSITION COMPRISING AN ORGANIC DILUENT AND A CELLULOSE ETHER TOMPOSITION COMPRISING AN ORGANIC DILUENT AND A CELLULOSE	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL	10/24/2012 14/390041 04/08/2013 112014021506-	10-2014-01461 2015-0065547 5 112014021506	81 04/26/2016 9320799
United States Of 71353-US-PCT America	CELLULOSE ETHERS HAVING A SPECIFIC SUBSTITUENT DISTRIBUTION ESTERIFIED CELLULOSE ETHERS HAVING A SPECIFIC SUBSTITUENT DISTRIBUTION COMPOSITION COMPRISING AN ORGANIC DILUENT AND A CELLULOSE ETHER COMPOSITION COMPRISING AN ORGANIC DILUENT AND A CELLULOSE ETHER COMPOSITION COMPRISING AN ORGANIC DILUENT AND A CELLULOSE ETHER	COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	10/24/2012 14/390041	10-2014-01461 2015-0065547	81 04/26/2016 9320799
United States Of 71353-US-PCT America 71354-BR-PCT Brazil	CELLULOSE ETHERS HAVING A SPECIFIC SUBSTITUENT DISTRIBUTION ESTERIFIED CELLULOSE ETHERS HAVING A SPECIFIC SUBSTITUENT DISTRIBUTION COMPOSITION COMPRISING AN ORGANIC DILUENT AND A CELLULOSE ETHER COMPOSITION COMPRISING AN ORGANIC DILUENT AND A CELLULOSE ETHER COMPOSITION COMPRISING AN ORGANIC DILUENT AND A CELLULOSE ETHER COMPOSITION	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL	10/24/2012 14/390041 04/08/2013 112014021506-	10-2014-01461 2015-0065547 5 112014021506	81 04/26/2016 9320799
United States Of 71353-US-PCT America 71354-BR-PCT Brazil	CELLULOSE ETHERS HAVING A SPECIFIC SUBSTITUENT DISTRIBUTION ESTERIFIED CELLULOSE ETHERS HAVING A SPECIFIC SUBSTITUENT DISTRIBUTION COMPOSITION COMPRISING AN ORGANIC DILUENT AND A CELLULOSE ETHER COMPOSITION COMPRISING AN ORGANIC DILUENT AND A CELLULOSE ETHER COMPOSITION COMPRISING AN ORGANIC DILUENT AND A CELLULOSE ETHER COMPOSITION COMPOSI	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL	10/24/2012 14/390041 04/08/2013 112014021506-	10-2014-01461 2015-0065547 5 112014021506	81 04/26/2016 9320799
United States Of 71353-US-PCT America 71354-BR-PCT Brazil	CELLULOSE ETHERS HAVING A SPECIFIC SUBSTITUENT DISTRIBUTION ESTERIFIED CELLULOSE ETHERS HAVING A SPECIFIC SUBSTITUENT DISTRIBUTION COMPOSITION COMPRISING AN ORGANIC DILUENT AND A CELLULOSE ETHER COMPOSITION COMPRISION AN ORGANIC DILUENT AND A CELLULOSE ETHER COMPOSITION COMPRISION AN ORGANIC DILUENT AND A CELLULOSE ETHER COMPOSITION COMPRISING AN ORGANIC DILUENT AND A CELLULOSE ETHER COMPOSITION COMPRISING AN ORGANIC DILUENT	COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	10/24/2012 14/390041 04/08/2013 112014021506-	10-2014-01461 2015-0065547 5 112014021506	81 04/26/2016 9320799
United States Of America  71353-US-PCT America  71354-BR-PCT Brazil  71354-CH-EPT Switzerland	CELLULOSE ETHERS HAVING A SPECIFIC SUBSTITUENT DISTRIBUTION ESTERIFIED CELLULOSE ETHERS HAVING A SPECIFIC SUBSTITUENT DISTRIBUTION COMPOSITION COMPRISING AN ORGANIC DILUENT AND A CELLULOSE ETHER COMPOSITION COMPRISING AN ORGANIC DILUENT AND A CELLULOSE ETHER COMPOSITION COMPRISING AN ORGANIC DILUENT AND A CELLULOSE ETHER COMPOSITION COMPOSI	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL	10/24/2012 14/390041 04/08/2013 112014021506-	10-2014-01461 2015-0065547 5 112014021506 2836559	81 04/26/2016 9320799 -5 05/25/2016 2836559
United States Of America  71353-US-PCT America  71354-BR-PCT Brazil  71354-CH-EPT Switzerland	CELLULOSE ETHERS HAVING A SPECIFIC SUBSTITUENT DISTRIBUTION ESTERIFIED CELLULOSE ETHERS HAVING A SPECIFIC SUBSTITUENT DISTRIBUTION COMPOSITION COMPRISING AN ORGANIC DILUENT AND A CELLULOSE ETHER COMPOSITION COMPRISING AN ORGANIC DILUENT AND A CELLULOSE ETHER COMPOSITION COMPRISING AN ORGANIC DILUENT AND A CELLULOSE ETHER COMPOSITION COMPRISING AN ORGANIC DILUENT AND A CELLULOSE ETHER COMPOSITION COMPRISING AN ORGANIC DILUENT AND A CELLULOSE	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	10/24/2012 14/390041  04/08/2013 112014021506-9  04/08/2013 13717677.2	10-2014-01461 2015-0065547 5 112014021506 2836559	81 04/26/2016 9320799
United States Of America  71353-US-PCT America  71354-BR-PCT Brazil  71354-CH-EPT Switzerland	CELLULOSE ETHERS HAVING A SPECIFIC SUBSTITUENT DISTRIBUTION ESTERIFIED CELLULOSE ETHERS HAVING A SPECIFIC SUBSTITUENT DISTRIBUTION COMPRISING AN ORGANIC DILUENT AND A CELLULOSE ETHER COMPOSITION COMPRISING AN ORGANIC DILUENT AND A CELLULOSE ETHER COMPOSITION COMPRISING AN ORGANIC DILUENT AND A CELLULOSE ETHER COMPOSITION COMPRISING AN ORGANIC DILUENT AND A CELLULOSE ETHER COMPOSITION COMPRISING AN ORGANIC DILUENT AND A CELLULOSE ETHER	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	10/24/2012 14/390041  04/08/2013 112014021506-9  04/08/2013 13717677.2	10-2014-01461 2015-0065547 5 112014021506 2836559	81 04/26/2016 9320799 -5 05/25/2016 2836559
United States Of America  71353-US-PCT America  71354-BR-PCT Brazil  71354-CH-EPT Switzerland	CELLULOSE ETHERS HAVING A SPECIFIC SUBSTITUENT DISTRIBUTION ESTERIFIED CELLULOSE ETHERS HAVING A SPECIFIC SUBSTITUENT DISTRIBUTION COMPRISING AN ORGANIC DILUENT AND A CELLULOSE ETHER COMPOSITION COMPRISING AN ORGANIC DILUENT AND A CELLULOSE ETHER COMPOSITION COMPRISING AN ORGANIC DILUENT AND A CELLULOSE ETHER COMPOSITION COMPRISING AN ORGANIC DILUENT AND A CELLULOSE ETHER COMPOSITION COMPRISING AN ORGANIC DILUENT AND A CELLULOSE ETHER COMPOSITION	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	10/24/2012 14/390041  04/08/2013 112014021506-9  04/08/2013 13717677.2	10-2014-01461 2015-0065547 5 112014021506 2836559	81 04/26/2016 9320799 -5 05/25/2016 2836559
United States Of America  71353-US-PCT America  71354-BR-PCT Brazil  71354-CH-EPT Switzerland	CELLULOSE ETHERS HAVING A SPECIFIC SUBSTITUENT DISTRIBUTION ESTERIFIED CELLULOSE ETHERS HAVING A SPECIFIC SUBSTITUENT DISTRIBUTION COMPOSITION COMPRISING AN ORGANIC DILUENT AND A CELLULOSE ETHER COMPOSITION COMPRISING AN ORGANIC DILUENT AND A CELLULOSE ETHER COMPOSITION COMPRISING AN ORGANIC DILUENT AND A CELLULOSE ETHER COMPOSITION COMPRISING AN ORGANIC DILUENT AND A CELLULOSE ETHER COMPOSITION COMPRISING AN ORGANIC DILUENT AND A CELLULOSE ETHER COMPOSITION COMPRISING AN COMPOSITION COMPOSITI	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	10/24/2012 14/390041  04/08/2013 112014021506-9  04/08/2013 13717677.2	10-2014-01461 2015-0065547 5 112014021506 2836559	81 04/26/2016 9320799 -5 05/25/2016 2836559
United States Of America  71353-US-PCT America  71354-BR-PCT Brazil  71354-CH-EPT Switzerland	CELLULOSE ETHERS HAVING A SPECIFIC SUBSTITUENT DISTRIBUTION ESTERIFIED CELLULOSE ETHERS HAVING A SPECIFIC SUBSTITUENT DISTRIBUTION COMPOSITION COMPRISING AN ORGANIC DILUENT AND A CELLULOSE ETHER COMPOSITION COMPRISING AN ORGANIC DILUENT AND A CELLULOSE ETHER COMPOSITION COMPRISING AN ORGANIC DILUENT AND A CELLULOSE ETHER COMPOSITION COMPRISING AN ORGANIC DILUENT AND A CELLULOSE ETHER COMPOSITION COMPRISING AN ORGANIC DILUENT AND A CELLULOSE ETHER COMPOSITION COMPRISING AN ORGANIC DILUENT COMPRISING AN ORGANIC DILUENT	COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	10/24/2012 14/390041  04/08/2013 112014021506-9  04/08/2013 13717677.2	10-2014-01461 2015-0065547 5 112014021506 2836559	81 04/26/2016 9320799 -5 05/25/2016 2836559

		COMPOSITION					
		COMPRISING AN ORGANIC DILUENT					
		AND A CELLULOSE	THE DOW CHEMICAL				
71354-FR-EPT	France	ETHER COMPOSITION	COMPANY	04/08/2013	13717677.2	2836559	05/25/2016 2836559
		COMPRISING AN					
		ORGANIC DILUENT AND A CELLULOSE	THE DOW CHEMICAL				
71354-GB-EPT	United Kingdom	ETHER	COMPANY	04/08/2013	13717677.2	2836559	05/25/2016 2836559
		3637- 2014/AP/ampCOMP					
		OSITION					
		COMPRISING AN ORGANIC DILUENT					
71354-IN-PCT	India	AND A CELLULOSE ETHER	THE DOW CHEMICAL COMPANY	ดม/คร/วกรว	7372/CHENP/2014		
71334-HV-FC1	iiua	COMPOSITION	COWFAIL	04/06/2013	7372/CHENF/2014		
		COMPRISING AN ORGANIC DILUENT					
		AND A CELLULOSE	THE DOW CHEMICAL				
71354-JP-PCT	Japan	ETHER COMPOSITION	COMPANY	04/08/2013	2015-505827	2015-512941	08/04/2017 6185559
		COMPRISING AN					
		ORGANIC DILUENT AND A CELLULOSE	THE DOW CHEMICAL				
71354-KR-PCT	SOUTH KOREA	ETHER COMPOSITION	COMPANY	04/08/2013	10-2014-7031595	10-2014-014429	97
		COMPRISING AN					
		ORGANIC DILUENT AND A CELLULOSE	THE DOW CHEMICAL				
71354-PT-EPT	Portugal	ETHER	COMPANY	04/08/2013	13717677.2	2836559	05/25/2016 2836559
		COMPOSITION COMPRISING AN					
	United States Of	ORGANIC DILUENT AND A CELLULOSE	THE DOW CHEMICAL				
71354-US-PCT	America	ETHER	COMPANY	04/08/2013	14/390049	2015-0065548	09/12/2017 9757465
		ZINC CATALYST/ADDITIVE					
		SYSTEM FOR THE					
		POLYMERIZATION OF EPOXIDE	THE DOW CHEMICAL				
71427-JP-PCT	Japan	MONOMERS ZINC	COMPANY	11/18/2014	2016-528867		04/07/2017 6122221
		CATALYST/ADDITIVE					
		SYSTEM FOR THE POLYMERIZATION OF					
	United States Of	EPOXIDE	THE DOW CHEMICAL	** (***)****	45 /005 405	204 5 02000000	
71427-US-PCT	America	MONOMERS ZINC	COMPANY	11/18/2014	15/035407	2016-0289380	04/18/2017 9624343
		CATALYST/ADDITIVE SYSTEM FOR THE					
		POLYMERIZATION OF					
71428-JP-PCT	Japan	EPOXIDE MONOMERS	THE DOW CHEMICAL COMPANY	11/18/2014	2016-528160	2017-503034	
	·	ZINC		, , ,			
		CATALYST/ADDITIVE SYSTEM FOR THE					
	United States Of	POLYMERIZATION OF EPOXIDE	THE DOW CHEMICAL				
71428-US-PCT	America	MONOMERS	COMPANY	11/18/2014	15/035411	2016-0280853	04/10/2018 9938374
		PROCESS FOR					
		PREPARING AN					
		ESTER OF A CELLULOSE ETHER IN					
		THE PRESENCE OF AN ALKALI METAL	THE DOW CHEMICAL				
71456-BR-PCT	Brazil	CARBOXYLATE	COMPANY	08/15/2013	112015002050-0		

PROCESS FOR PREPARING AN ESTER OF A CELLULOSE ETHER IN THE PRESENCE OF European AN ALKALI METAL THE DOW CHEMICAL 71456-EP-EPT Procedure (Patents) CARBOXYLATE COMPANY 08/15/2013 13753061.4 2888292	
PROCESS FOR PREPARING AN ESTER OF A CELLULOSE ETHER IN THE PRESENCE OF AN ALKALI METAL THE DOW CHEMICAL CARBOXYLATE COMPANY 08/15/2013 990/CHENP/2015  PROCESS FOR PREPARING AN ESTER OF A CELLULOSE ETHER IN THE PRESENCE OF AN ALKALI METAL THE DOW CHEMICAL CARBOXYLATE COMPANY 08/15/2013 2015-528541 2015-526566 12/08/2017 6254593	
PROCESS FOR PREPARING AN ESTER OF A CELLULOSE ETHER IN THE PRESENCE OF A AN ALKALI METAL THE DOW CHEMICAL  71456-KR-PCT SOUTH KOREA CARBOXYLATE COMPANY 08/15/2013 10-2015-7007378 10-2015-0044958  PROCESS FOR PREPARING AN ESTER OF A CELLULOSE ETHER IN THE PRESENCE OF United States Of AN ALKALI METAL THE DOW CHEMICAL THE DOW CHEMICAL THE DOW CHEMICAL CARBOXYLATE COMPANY 08/15/2013 14/420935 2015-0203595  METHODS AND COMPOSITION FOR THE DOW CHEMICAL THE DOW CHEMICAL THE DOW CHEMICAL COMPANY 08/15/2013 14/420935 112014008692-3 METHODS AND METHODS AND COMPANY 10/11/2012 112014008692-3 112014008692-3	
COMPOSITION FOR THE DOW CHEMICAL 71563-CN-PCT China INDUCING SATIETY COMPANY 10/11/2012 201280051478.5 103917109 02/06/2018 201280051478  METHODS AND European COMPOSITION FOR THE DOW CHEMICAL 71563-EP-EPT Procedure (Patents) INDUCING SATIETY COMPANY 10/11/2012 12780355.9 2768317  METHODS AND COMPOSITION FOR THE DOW CHEMICAL 71563-IN-PCT India INDUCING SATIETY COMPANY 10/11/2012 2722/CHENP/2014 2722/CHENP/2014  METHODS AND COMPOSITION FOR THE DOW CHEMICAL 71563-JP-PCT Japan INDUCING SATIETY COMPANY 10/11/2012 2014-537123 2014-530857 09/15/2017 6208671  METHODS AND COMPOSITION FOR THE DOW CHEMICAL 71563-KR-PCT SOUTH KOREA INDUCING SATIETY COMPANY 10/11/2012 10-2014-7013399 10-2014-0077975  METHODS AND United States Of COMPOSITION FOR THE DOW CHEMICAL	.6
71563-US-PCT America INDUCING SATIETY COMPANY 10/11/2012 14/350826 2015-0045292 03/29/2016 9295712 HIGHLY MISCIBLE POLYMER BLENDS THE DOW CHEMICAL 71612-CN-PCT China AND USES THEREOF COMPANY 06/19/2012 201280074062 6 104380155 10/27/2017 201280074062 71612-DE-PCT Germany AND USES THEREOF COMPANY 06/19/2012 112012006554.9 112012006554.9 HIGHLY MISCIBLE POLYMER BLENDS THE DOW CHEMICAL 71612-KR-PCT SOUTH KOREA AND USES THEREOF COMPANY 06/19/2012 10-2015-7001311 10-2015-0020707 HIGHLY MISCIBLE United States Of POLYMER BLENDS THE DOW CHEMICAL 71612-US-PCT America AND USES THEREOF COMPANY 06/19/2012 14/406082 2015-0116827 08/16/2016 9417370	1.6

71616-BE-EPT Belgium	PROCESS FOR PRODUCING A CELLULOSE ETHER THE DOW C ACETATE SUCCINATE COMPANY	HEMICAL 10/21/2015	15791419 3 3212673	3 09/12/2018 3212673
71616-BR-PCT Brazil 71616-CN-PCT China	PROCESS FOR PRODUCING A CELLULOSE ETHER THE DOW COMPANY  PROCESS FOR PRODUCING A CELLULOSE ETHER THE DOW COMPANY	10/21/2015 HEMICAL	112017008431-7 201580056583.2	
71616-DE-EPT Germany  European	PROCESS FOR PRODUCING A CELLULOSE ETHER ACETATE SUCCINATE  PROCESS FOR PRODUCING A CELLULOSE ETHER THE DOW C	10/21/2015 HEMICAL		
71616-EP-EPT Procedure (Patents	) ACETATE SUCCINATE COMPANY	10/21/2015	15791419 3 3212673	3 09/12/2018 3212673
71616-GB-EPT United Kingdom	PROCESS FOR PRODUCING A CELLULOSE ETHER THE DOW C ACETATE SUCCINATE COMPANY	HEMICAL 10/21/2015	15791419.3 3212673	3 09/12/2018 3212673
71616-IN-PCT India	PROCESS FOR PRODUCING A CELLULOSE ETHER THE DOW C ACETATE SUCCINATE COMPANY		201717015985 2017176	915985
71616-JP-PCT Japan	PROCESS FOR PRODUCING A CELLULOSE ETHER ACETATE SUCCINATE COMPANY		2017-522499	02/16/2018 6291137
71616-KR-PCT SOUTH KOREA	PROCESS FOR PRODUCING A CELLULOSE ETHER THE DOW C ACETATE SUCCINATE COMPANY		10-2017-7012581 10-2017	-0061; 03/12/2018 10-1839294
	PROCESS FOR PRODUCING A CELLULOSE ETHER THE DOW C		NW 1994-1994-1	05/45/0040 056445
71616-MX-PCT Mexico 71616-SE-EPT Sweden	PROCESS FOR PRODUCING A CELLULOSE ETHER THE DOW C ACETATE SUCCINATE COMPANY		MX/a/2017/005151 15791419.3 321267	05/15/2018 356115 3 09/12/2018 3212673
United States Of 71616-US-PCT America	PROCESS FOR PRODUCING A CELLULOSE ETHER THE DOW C ACETATE SUCCINATE COMPANY PROCESS OF	HEMICAL 10/21/2015	15/521028 2017-03	35018
71621-BE-EPT Belgium	PREPARING AN ESTER OF A THE DOW C CELLULOSE ETHER COMPANY PROCESS OF PREPARING AN	03/12/2013	13724915.7 2831121	L 10/10/2018 2831121
71621-CN-PCT China	ESTER OF A THE DOW C CELLULOSE ETHER COMPANY PROCESS OF		201380016328.6 1042457	741 05/24/2017 201380016328.6
71621-DE-EPT Germany	PREPARING AN ESTER OF A THE DOW C CELLULOSE ETHER COMPANY	HEMICAL 03/12/2013	13724915.7 2831121	10/10/2018 2831121

PROCESS OF PREPARING AN European ESTER OF A SHE DOW CHEMICAL	
71621-EP-EPT Procedure (Patents) CELLULOSE ETHER COMPANY 03/12/2013 13724915.7 2831121 10/10/2018 2831121  PROCESS OF PREPARING AN ESTER OF A THE DOW CHEMICAL  71621-FI-EPT Finland CELLULOSE ETHER COMPANY 03/12/2013 13724915.7 2831121 10/10/2018 2831121	
PROCESS OF PREPARING AN ESTER OF A THE DOW CHEMICAL 71621-IN-PCT India CELLULOSE ETHER COMPANY 03/12/2013 6964/CHENP/2014	
PROCESS OF PREPARING AN ESTER OF A THE DOW CHEMICAL 71621-JP-PCD Japan CELLULOSE ETHER COMPANY 01/24/2018 2018-009643 2018-087345 PROCESS OF	***************************************
PROCESS OF  PREPARING AN  ESTER OF A THE DOW CHEMICAL  71621-KR-PCT SOUTH KOREA CELLULOSE ETHER COMPANY 03/12/2013 10-2014-7030012 10-2014-0141681  PROCESS OF	
PREPARING AN ESTER OF A THE DOW CHEMICAL 71621-NL-EPT Netherlands CELLULOSE ETHER COMPANY 03/12/2013 13724915.7 2831121 10/10/2018 2831121 PROCESS OF	
PREPARING AN ESTER OF A THE DOW CHEMICAL  71621-NO-EPT Norway CELLULOSE ETHER COMPANY 03/12/2013 13724915.7 2831121 10/10/2018 2831121  PROCESS OF PREPARING AN	
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United States Of ESTER OF A THE DOW CHEMICAL 71621-US-PCT America CELLULOSE ETHER COMPANY 03/12/2013 14/384220 2015-0031873 09/27/2016 9453081 WATER- DISINTEGRATABLE	
NON-WOVEN THE DOW CHEMICAL 71659-BE-EPT Belgium FIBROUS SHEET COMPANY 11/20/2012 12795277.8 2785914 03/16/2016 2785914  WATER- DISINTEGRATABLE NON-WOVEN THE DOW CHEMICAL	90000000
71659-DE-EPT Germany FIBROUS SHEET COMPANY 11/20/2012 12795277.8 2785914 03/16/2016 602012015739.9  WATER- DISINTEGRATABLE NON-WOVEN THE DOW CHEMICAL	<b>)</b>
71659-FR-EPT France FIBROUS SHEET COMPANY 11/20/2012 12795277.8 2785914 03/16/2016 2785914  WATER- DISINTEGRATABLE NON-WOVEN THE DOW CHEMICAL	
71659-IT-EPT Italy FIBROUS SHEET COMPANY 11/20/2012 12795277.8 2785914 03/16/2016 50201600005160 WATER- DISINTEGRATABLE NON-WOVEN THE DOW CHEMICAL 71659-SE-EPT Sweden FIBROUS SHEET COMPANY 11/20/2012 12795277.8 2785914 03/16/2016 2785914	0
71659-SE-EPT Sweden FIBROUS SHEET COMPANY 11/20/2012 12795277.8 2785914 03/16/2016 2785914  WATER- DISINTEGRATABLE United States Of NON-WOVEN THE DOW CHEMICAL  71659-US-PCT America FIBROUS SHEET COMPANY 11/20/2012 14/359316 2014-0326423 04/05/2016 9303358	\$
WHIPPABLE TOPPING WITH HIGH FREEZE-THAW THE DOW CHEMICAL 7171G-BR-PCT Brazil STABILITY COMPANY 10/25/2012 112015008728-0	700000000000000000000000000000000000000
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FREEZE-T 71716-FR-EPT France STABILITY	ILE WITH HIGH HAW THE DOW CHEMICAL COMPANY	10/25/2012 12887016.9 10/25/2012 12887016.9	2911522 2911522	01/17/2018 2911522 01/17/2018 2911522
FREEZE-T 71716-GB-EPT United Kingdom STABILITY WHIPPAE	WITH HIGH HAW THE DOW CHEMICAL / COMPANY	10/25/2012 12887016.9	2911522	01/17/2018 2911522
FREEZE-T 71716-IN-PCT India STABILITY WHIPPAE	COMPANY	10/25/2012 2292/CHENP/2015		
FREEZE-T 71716-JP-PCT Japan STABILITY WHIPPAE TOPPING FREEZE-T	Y COMPANY ILE WITH HIGH	10/25/2012 2015-537104	2015-533500	10/16/2015 5824191
71716-KR-PCT SOUTH KOREA STABILITY WHIPPAE TOPPING FREEZE-T 71716-NL-EPT Netherlands STABILITY	SLE WITH HIGH HAW THE DOW CHEMICAL	10/25/2012 10-2015-7013733 10/25/2012 12887016.9	10-2015-007981; 2911522	01/17/2018 2911522
United States Of FREEZE-T 71716-US-PCT America STABILITY POLYALKI	WITH HIGH HAW THE DOW CHEMICAL COMPANY OXYLATED	10/25/2012 14/433931	2015-0237899	03/29/2016 9295275
71718-BR-PCT Brazil COMPOS	TS FOR CEUTICAL THE DOW CHEMICAL	01/13/2014 112015015847-1		
71718-CH-EPT Switzerland COMPOS POLYALK	TS FOR CEUTICAL THE DOW CHEMICAL ITIONS COMPANY DXYLATED	01/13/2014 14701660.4	2976108	10/10/2018 2976108
71718-CN-PCT China COMPOS	TS FOR CEUTICAL THE DOW CHEMICAL	01/13/2014 201480012459.1		09/29/2017 201480012459.1
71718-DE-EPT Germany COMPOS	TS FOR CEUTICAL THE DOW CHEMICAL	01/13/2014 14701660.4	2976108	10/10/2018 2976108
71718-EP-EPT Procedure (Patents) COMPOS	TS FOR CEUTICAL THE DOW CHEMICAL	01/13/2014 14701660.4	2976108	10/10/2018 2976108
71718-FR-EPT France COMPOS	TS FOR CEUTICAL THE DOW CHEMICAL	01/13/2014 14701660.4	2976108	10/10/2018 2976108
71718-GB-EPT United Kingdom COMPOS	TS FOR CEUTICAL THE DOW CHEMICAL	01/13/2014 14701660.4	2976108	10/10/2018 2976108
ALCOHOL EXCIPIEN	S AS TS FOR CEUTICAL THE DOW CHEMICAL	01/13/2014 14701660.4	2976108	10/10/2018 2976108

POLYALKOX ALCOHOLS, EXCIPIENTS PHARMACE  71718-IN-PCT India COMPOSITI POLYALKOX ALCOHOLS, EXCIPIENTS PHARMACE 71718-JP-PCT Japan COMPOSITI POLYALKOX ALCOHOLS, EXCIPIENTS PHARMACE 71718-KR-PCT SOUTH KOREA COMPOSITI POLYALKOX ALCOHOLS, EXCIPIENTS PHARMACE EXCIPIENTS PHARMACE 71718-SE-EPT Sweden COMPOSITI PHARMACE 71718-SE-EPT Sweden COMPOSITI	AS FOR UTICAL THE DOW CHEMICAL ONS COMPANY YLATED AS FOR UTICAL THE DOW CHEMICAL ONS COMPANY YLATED AS FOR UTICAL THE DOW CHEMICAL COMPANY YLATED AS FOR UTICAL THE DOW CHEMICAL COMPANY YLATED AS FOR UTICAL THE DOW CHEMICAL	01/13/2014 9091/DELNP/2015 01/13/2014 2016-500163 01/13/2014 10-2015-7026834	9091/DELNP/2015 10/21/2016 6027285 10-2015-01199 12/16/2016 10-1688852
POLYALKOX ALCOHOLS / EXCIPIENTS United States Of PHARMACE	YLATED AS FOR UTICAL THE DOW CHEMICAL	01/13/2014 14701660.4	2976108 10/10/2018 2976108
71718-US-PCT America COMPOSITI BUILDING	ONS COMPANY	01/13/2014 14/649721	2015-0374823 03/14/2017 9592294
COMPOSITI COMPRISIN 71729-BE-EPT Belgium CELLULOSE BUILDING COMPOSITI	G THE DOW CHEMICAL ETHER COMPANY	11/15/2012 12795679.5	2649021 04/22/2015 2649021
COMPRISIN			
71729-BR-PCT Brazil CELLULOSE BUILDING	ETHER COMPANY	11/15/2012 112013018034.0	
COMPOSITI	ON		
COMPRISIN 71729-CN-PCT China CELLULOSE		11/15/2013 201390002000 7	103247935 07/06/3016 301389997099 7
71729-CN-PCT China CELLULOSE BUILDING	E-HER COMPANT	11/15/2012 201280007099.7	103347835 07/06/2016 201280007099.7
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71729-IN-PCT India CELLULOSE		11/15/2012 5047/CHENP/2013	5047/CHENP/2013
BUILDING	ON		
COMPOSITI COMPRISIN			
71729-JP-PCT Japan CELLULOSE	ether company	11/15/2012 2014-544761	2015-502320 07/07/2017 6169595
BUILDING COMPOSITI	ON		
COMPRISIN	G THE DOW CHEMICAL		
71729-KR-PCT SOUTH KOREA CELLULOSE BUILDING	ETHER COMPANY	11/15/2012 10-2013-7016561	10-2014-0096987
COMPOSITI	111111111111111111111111111111111111111		
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71729-US-PCT America CELLULOSE	ETHER COMPANY	11/15/2012 13/993259	2014-0287148 06/09/2015 9051218
NOVEL ESTE CELLULOSE			
71811-BR-PCT Brazil OF LOW VIS	33333333333333333333333333333333333	02/28/2014 112015019807-4	
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CELLULOSE 71811-CH-EPT Switzerland OF LOW VIS		02/28/2014 14713634.5	2964678 04/04/2018 2964678
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CELLULOSE 71811-CN-PCT China OF LOW VIS	000000000000000000000000000000000000000	02/28/2014 201480010211.1	105899542
NOVELESTE	RIFIED		
CELLULOSE 71811-DE-EPT Germany OF LOW VIS		02/28/2014 14713634.5	2964678 04/04/2018 602014023290.6

		NOVEL ESTERIFIED					
	European	CELLULOSE ETHERS	THE DOW CHEMICAL				
71811-EP-EPT	Procedure (Patents)		COMPANY	02/28/2014 1	14713634.5	2964678	04/04/2018 2964678
		NOVEL ESTERIFIED					
		CELLULOSE ETHERS	THE DOW CHEMICAL				
71811-FR-EPT	France	OF LOW VISCOSITY	COMPANY	02/28/2014 1	14713634.5	2964678	04/04/2018 2964678
		NOVEL ESTERIFIED CELLULOSE ETHERS	THE DOW CHEMICAL				
71811-GB-EPT	United Kingdom	OF LOW VISCOSITY	COMPANY	02/28/2014 1	14713634.5	2964678	04/04/2018 2964678
		NOVEL ESTERIFIED					
		CELLULOSE ETHERS	THE DOW CHEMICAL				
71811-IE-EPT	Ireland	OF LOW VISCOSITY	COMPANY	02/28/2014 1	14713634.5	2964678	04/04/2018 2964678
		NOVEL ESTERIFIED CELLULOSE ETHERS	THE DOW CHEMICAL				
71811-IN-PCT	India	OF LOW VISCOSITY	COMPANY	02/28/2014 8	3603/DELNP/2015		
, 1011		NOVEL ESTERIFIED		02,20,2011	3003/022111/2013		
		CELLULOSE ETHERS	THE DOW CHEMICAL				
71811-JP-PCT	Japan	OF LOW VISCOSITY	COMPANY	02/28/2014 2	2015-561432	2016-510826	04/13/2018 6321688
		NOVEL ESTERIFIED					
71811-KR-PCT	SOUTH KOREA	CELLULOSE ETHERS OF LOW VISCOSITY	THE DOW CHEMICAL COMPANY	02/20/2014 1	10-2015-7027818	10-2015-012501	2
/1011-NN-PC1	JOUTTROKEA	NOVEL ESTERIFIED	COMPANI	02/26/2014 1	10-2015-7027616	10-2013-012301	3
		CELLULOSE ETHERS	THE DOW CHEMICAL				
71811-SE-EPT	Sweden	OF LOW VISCOSITY	COMPANY	02/28/2014 1	14713634.5	2964678	04/04/2018 2964678
		NOVEL ESTERIFIED					
74044 US BOT	United States Of	CELLULOSE ETHERS	THE DOW CHEMICAL	02/20/2044	1.4/7.0007	2045 0274024	44 (00 (204 0 0 40 0 70 2
71811-US-PCT	America	OF LOW VISCOSITY SOLID DISPERSION	COMPANY	02/28/2014 1	14/766997	2015-0374831	11/08/2016 9486532
		COMPRISING A					
		HIGHLY					
		SUBSTITUTED					
74033 85 557	n t-1	HYDROXYALKYL	THE DOW CHEMICAL	an irainara .	13340403 4	2021002	05/04/0043 2054055
71823-BE-EPT	Belgium	METHYLCELLULOSE SOLID DISPERSION	COMPANY	07/12/2013 1	13740163.4	2874607	05/31/2017 2874607
		COMPRISING A					
		HIGHLY					
		SUBSTITUTED					
74000 PP PCT	B9	HYDROXYALKYL	THE DOW CHEMICAL	07/42/2042 4	142044022047.0		
71823-BR-PCT	Brazil	METHYLCELLULOSE SOLID DISPERSION	COMPANY	0//12/2013 1	112014032017-9		
		COMPRISING A					
		HIGHLY					
		SUBSTITUTED					
74032 FU FBT	Citaaadaaad	HYDROXYALKYL	THE DOW CHEMICAL	n=11=1=01=	13340403.4	7074007	OF (01 (0017) 363A0D7
71823-CH-EPT	Switzerland	METHYLCELLULOSE SOLID DISPERSION	COMPANY	07/12/2013 1	13740103.4	2874607	05/31/2017 2874607
		COMPRISING A					
		HIGHLY					
		SUBSTITUTED					
71013 CN DCT	China	HYDROXYALKYL	THE DOW CHEMICAL COMPANY	07/12/2012	201200046474 5	104603673	11/24/2017 201220046174 5
71823-CN-PCT	China	METHYLCELLULOSE SOLID DISPERSION	COMPANY	0//12/2013 2	201380046174.5	104602673	11/24/2017 201380046174.5
		COMPRISING A					
		HIGHLY					
		SUBSTITUTED					
74032 BY FBY	C	HYDROXYALKYL	THE DOW CHEMICAL	67/13/3010 1	13340103.4	7074607	OF (24 (2017) F0201742470B A
71823-DE-EPT	Germany	METHYLCELLULOSE SOLID DISPERSION	COMPANY	07/12/2013 1	13740103.4	2874607	05/31/2017 602013021708.4
		COMPRISING A					
		HIGHLY					
		SUBSTITUTED					
71033 ED EDT	France	HYDROXYALKYL METHYLCELLULOSE	THE DOW CHEMICAL COMPANY	07/13/3013 4	12740162 4	2874607	0E/21/2017 2074607
71823-FR-EPT	France	SOLID DISPERSION	committee	07/12/2013 1	13/40103.4	20140U1	05/31/2017 2874607
		COMPRISING A					
		HIGHLY					
		SUBSTITUTED	THE BOOK CHESSES				
71823-GB-EPT	United Kingdom	HYDROXYALKYL METHYLCELLULOSE	THE DOW CHEMICAL COMPANY	07/12/2013 1	13740163 4	2874607	05/31/2017 2874607
CARRY SHPTER	Jirreea languum			V/)+2/2V13	TMAMM-T		

71823-IE-EPT Ireland	SOLID DISPERSION COMPRISING A HIGHLY HIGHLY HYDROXYALKYL METHYLCELLULOSE COMPANY	07/12/2013 13740163.4	2874607	05/31/2017 2874607
71823-IN-PCT India	SOLID DISPERSION COMPRISING A HIGHLY SUBSTITUTED HYDROXYALKYL METHYLCELLULOSE COMPANY	07/12/2013 226/CHENP/2015		
71823-IT-EPT Italy	SOLID DISPERSION COMPRISING A HIGHLY SUBSTITUTED HYDROXYALKYL METHYLCELLULOSE COMPANY THE DOW CHEMICAL COMPANY	07/12/2013 13740163.4	2874607	05/31/2017 50201700009652
71823-JP-PCT Japan	SOLID DISPERSION COMPRISING A HIGHLY SUBSTITUTED HYDROXYALKYL METHYLCELLULOSE COMPANY	07/12/2013 2015-523138	2015-522613	11/02/2017 6235584
	SOLID DISPERSION COMPRISING A HIGHLY SUBSTITUTED HYDROXYALKYL THE DOW CHEMICAL			
71823-KR-PCT SOUTH KOREA	METHYLCELLULOSE COMPANY SOLID DISPERSION COMPRISING A HIGHLY SUBSTITUTED HYDROXYALKYL THE DOW CHEMICAL	07/12/2013 10-2015-7001309	10-2015-0031	299
71823-PT-EPT Portugal	METHYLCELLULOSE COMPANY SOLID DISPERSION COMPRISING A HIGHLY SUBSTITUTED HYDROXYALKYL THE DOW CHEMICAL	07/12/2013 13740163.4	2874607	05/31/2017 2874607
71823-SE-EPT Sweden  United States Of	METHYLCELLULOSE COMPANY SOLID DISPERSION COMPRISING A HIGHLY SUBSTITUTED HYDROXYALKYL THE DOW CHEMICAL	07/12/2013 13740163.4	2874607	05/31/2017 2874607
71823-US-PCT America	METHYLCELLULOSE COMPANY PROCESS FOR PREPARING AN ESTER OF A CELLULOSE ETHER IN	07/12/2013 14/413241	2015-0140091	05/08/2018 9962446
71825-BR-PCT Brazil	THE PRESENCE OF AN ALIPHATIC THE DOW CHEMICAL CARBOXYLIC ACID COMPANY PROCESS FOR PREPARING AN ESTER OF A	08/15/2013 112015000073-8		
71825-CN-PCT China	CELLULOSE ETHER IN THE PRESENCE OF AN ALIPHATIC THE DOW CHEMICAL CARBOXYLIC ACID COMPANY PROCESS FOR PREPARING AN	08/15/2013 201380055247.7	104755503	03/06/2018 201380055247.7
European 71825-EP-EPT Procedure (Patents)	ESTER OF A CELLULOSE ETHER IN THE PRESENCE OF AN ALIPHATIC CARBOXYLIC ACID COMPANY THE DOW CHEMICAL COMPANY	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 PROCESS FOR PROCESS FOR ESTER OF A CELLULOSE ETHER IN	THE DOW CHEMICAL COMPANY 08/15/2013 987/CHENP/2015
	THE PRESENCE OF	Y
	AN ALIPHATIC	THE DOW CHEMICAL
71825-JP-PCD Japan	CARBOXYLIC ACID	COMPANY 12/18/2017 2017-241742 2018-076523
	PROCESS FOR	
	PREPARING AN ESTER OF A	
	CELLULOSE ETHER IN	V
	THE PRESENCE OF	
	AN ALIPHATIC	THE DOW CHEMICAL
71825-JP-PCT Japan	CARBOXYLIC ACID	COMPANY 08/15/2013 2015-528540 2015-527464 02/23/2018 6294323
	PROCESS FOR PREPARING AN	
	ESTER OF A	
	CELLULOSE ETHER IN	N .
	THE PRESENCE OF	THE DOME CHIPANCE
71825-KR-PCT SOUTH KOREA	AN ALIPHATIC CARBOXYLIC ACID	THE DOW CHEMICAL  COMPANY 08/15/2013 10-2015-7007377 10-2015-0044957
	PROCESS FOR	
	PREPARING AN	
	ESTER OF A CELLULOSE ETHER IN	d.
	THE PRESENCE OF	
	an aliphatic	THE DOW CHEMICAL
71825-MX-PCT Mexico	CARBOXYLIC ACID	COMPANY 08/15/2013 MX/a/2015/002425 MX/a/2015/002425
	PROCESS FOR PREPARING AN	
	ESTER OF A	
	CELLULOSE ETHER IN	N .
United States Of	THE PRESENCE OF AN ALIPHATIC	TUE DOWN CHEMICAL
71825-US-PCT America	CARBOXYLIC ACID	THE DOW CHEMICAL  COMPANY 08/15/2013 14/420921 2015-0218197
	METHODS AND	
	COMPOSITION FOR	THE DOW CHEMICAL
71843-BR-PCT Brazil	INDUCING SATIETY METHODS AND	COMPANY 10/11/2012 112014008689-3
	COMPOSITION FOR	THE DOW CHEMICAL
71843-CN-PCT China	INDUCING SATIETY	COMPANY 10/11/2012 201280051030.4 103889246 12/23/2015 201280051030.4
European	METHODS AND COMPOSITION FOR	THE DOW CHEMICAL
	) INDUCING SATIETY	COMPANY 10/11/2012 12780354:2 2768321
	METHODS AND	
71042 IN DCT India	COMPOSITION FOR	THE DOW CHEMICAL  10/11/2012 2705 (CUEND/2014
71843-IN-PCT India	INDUCING SATIETY METHODS AND	COMPANY 10/11/2012 2795/CHENP/2014
	COMPOSITION FOR	THE DOW CHEMICAL
71843-JP-PCT Japan	INDUCING SATIETY	COMPANY 10/11/2012 2014-537122 2014-530856 01/13/2017 6073342
	METHODS AND COMPOSITION FOR	THE DOW CHEMICAL
71843-KR-PCT SOUTH KOREA	INDUCING SATIETY	COMPANY 10/11/2012 10-2014-7013400 10-2014-0077976
	METHODS AND	
United States Of	COMPOSITION FOR	THE DOW CHEMICAL  COMPANY 10/11/2013 14/350819 2015 0035330 13/33/2015 0315301
71843-US-PCT America	INDUCING SATIETY	COMPANY 10/11/2012 14/350819 2015-0045320 12/22/2015 9216191
	COMPOSITION FOR	
	EXTRUSION-MOLDER	D
	CERAMIC BODIES COMPRISING A	
	CELLULOSE	
	DERIVATIVE OF	
72227 CN DCT China	CERTAIN MEDIAN	THE DOW CHEMICAL  01/21/2012 201290007457 0 104245627
72337-CN-PCT China	PARTICLE LENGTH	COMPANY 01/31/2013 201380007457.9 104245627

European 72337-EP-EPT Procedure {Patents	COMPOSITION FOR EXTRUSION-MOLDED CERAMIC BODIES COMPRISING A CELLULOSE DERIVATIVE OF CERTAIN MEDIAN PARTICLE LENGTH	THE DOW CHEMICAL COMPANY	01/31/2013 1	3703301.5	2812294	
	COMPOSITION FOR EXTRUSION-MOLDED CERAMIC BODIES COMPRISING A CELLULOSE DERIVATIVE OF					
72337-JP-PCT Japan	CERTAIN MEDIAN PARTICLE LENGTH	THE DOW CHEMICAL COMPANY	01/31/2013 20	114-556576	2015-506861	01/05/2018 6267135
72337-JP-PC1 Japan	PARTICLE LENGTH	COMPANT	01/31/2013 20	J14-5565/6	2015-506861	01/05/2018 626/135
72337-KR-PCT SOUTH KOREA	COMPOSITION FOR EXTRUSION-MOLDED CERAMIC BODIES COMPRISING A CELLULOSE DERIVATIVE OF CERTAIN MEDIAN PARTICLE LENGTH	THE DOW CHEMICAL COMPANY	01/31/2013 1	D-2014-7024786	10-2014-013135	0
	COMPOSITION FOR EXTRUSION-MOLDED					
	CERAMIC BODIES					
	COMPRISING A					
	CELLULOSE DERIVATIVE OF					
	CERTAIN MEDIAN	THE DOW CHEMICAL				
72337-MX-PCT Mexico	PARTICLE LENGTH	COMPANY	01/31/2013 N	IX/a/2014/009598	MX/a/2014/009	598
72380-BR-PCT Brazil	NOVEL HYDROXYALKYL METHYL CELLULOSE ACETATE SUCCINATES	THE DOW CHEMICAL COMPANY	08/15/2013 1	12015002055-0	112015002055-0	)
	NOVEL HYDROXYALKYL					
	METHYL CELLULOSE					
	ACETATE	THE DOW CHEMICAL				
72380-CN-PCT China	SUCCINATES	COMPANY	08/15/2013 20	01380052439.2	104981483	10/24/2017 201380052439.2
	NOVEL HYDROXYALKYL					
	METHYL CELLULOSE					
European	ACETATE	THE DOW CHEMICAL				
72380-EP-EPT Procedure (Patents	SUCCINATES NOVEL	COMPANY	08/15/2013 1	3783706.8	2888293	
	HYDROXYALKYL					
	METHYL CELLULOSE					
	ACETATE	THE DOW CHEMICAL				
72380-IN-PCT India	SUCCINATES NOVEL	COMPANY	08/15/2013 10	014/CHENP/2015		
	HYDROXYALKYL					
	METHYL CELLULOSE					
72300 10 007	ACETATE	THE DOW CHEMICAL	00/15/2010 3	Nac edorna	2045 520422	00/00/0017 F04F04F
72380-JP-PCT Japan	SUCCINATES NOVEL	COMPANY	08/15/2013 20	J15-528531	2015-530432	09/29/2017 6215945
	HYDROXYALKYL					
	METHYL CELLULOSE					
72380-KR-PCT SOUTH KOREA	ACETATE SUCCINATES	THE DOW CHEMICAL COMPANY	00/15/2012 14	2015 7007504	10 2015 004551	0
72380-KR-PCT SOUTH KOREA	NOVEL	CONCAGE	UO/13/2013 II	0-2015-7007504	10-2015-004551	.0
	HYDROXYALKYL					
	METHYL CELLULOSE					
72380-MX-PCT Mexico	ACETATE SUCCINATES	THE DOW CHEMICAL COMPANY	08/15/2013 N	IX/a/2015/002430	MX/a/2015/002	430

		NOVEL HYDROXYALKYL					
		METHYL CELLULOSE					
72380-US-PCT	United States Of America	ACETATE SUCCINATES	THE DOW CHEMICAL COMPANY	08/15/2013	14/421072	2015-0218198	
72500 03 1 01		CONDUCTIVE	THE DOW CHEMICAL	00,10,2010	1,,,110,1	2010 0210130	
72441-CN-PCT	China	COMPOSITION CONDUCTIVE	COMPANY THE DOW CHEMICAL	10/15/2012	201280077656.2	104981911	12/22/2017 201280077656.2
72441-DE-EPT	Germany	COMPOSITION	COMPANY	10/15/2012	12886806.4	2907164	12/27/2017 602012041485.5
	European	CONDUCTIVE	THE DOW CHEMICAL				
72441-EP-EPT	Procedure (Patents	) COMPOSITION	COMPANY	10/15/2012	12886806.4	2907164	12/27/2017 2907164
72441-FR-EPT	France	CONDUCTIVE COMPOSITION	THE DOW CHEMICAL COMPANY	10/15/2012	12886806.4	2907164	12/27/2017 2907164
/2441-FR-EF1	riance	CONDUCTIVE	THE DOW CHEMICAL	10/15/2012	12000000.4	2307104	12/2//2017 290/104
72441-GB-EPT	United Kingdom	COMPOSITION	COMPANY	10/15/2012	12886806.4	2907164	12/27/2017 2907164
72441-IT-EPT	Italy	CONDUCTIVE COMPOSITION	THE DOW CHEMICAL COMPANY	10/15/2012	12006006 /	2907164	12/27/2017 50201800000808
72441-11-LF1	italy	CONDUCTIVE	THE DOW CHEMICAL	10/13/2012	12000000.4	2307104	12/2//2017 30201800000808
72441-JP-PCT	Japan	COMPOSITION	COMPANY	10/15/2012	2015-535951	2015-537068	03/03/2017 6100908
72441-KR-PCT	SOUTH KOREA	CONDUCTIVE COMPOSITION	THE DOW CHEMICAL COMPANY	10/15/2012	10-2015-7012891	10-2015-00717	12
72441-RR-1 C1	SOUTHWORLA	CONDUCTIVE	THE DOW CHEMICAL	10/13/2012	10-2013-7012831	10-2013-00717	13
72441-TW-NP	Taiwan	COMPOSITION	COMPANY	10/14/2013	102136949	201425342	12/01/2017 1607020
		NOVEL SUSTAINED RELEASE DOSAGE	THE DOW CHEMICAL				
72492-BR-PCT	Brazil	FORM	COMPANY	04/08/2013	112014020719-4	112014020719	4
		NOVEL SUSTAINED	THE GOIL GUES MAN				
72492-CH-EPT	Switzerland	RELEASE DOSAGE FORM	THE DOW CHEMICAL COMPANY	04/08/2013	13717675.6	2836235	03/08/2017 2836235
		NOVEL SUSTAINED					
72402 CN DCT	China	RELEASE DOSAGE	THE DOW CHEMICAL	04/09/2012	204200020227	104262024	05/10/2016 2012000202277
72492-CN-PCT	China	FORM NOVEL SUSTAINED	COMPANY	04/08/2013	201380030327.7	104363921	05/18/2016 201380030327.7
		RELEASE DOSAGE	THE DOW CHEMICAL				
72492-DE-EPT	Germany	FORM NOVEL SUSTAINED	COMPANY	04/08/2013	13717675.6	2836235	03/08/2017 602013018264.7
		RELEASE DOSAGE	THE DOW CHEMICAL				
72492-FR-EPT	France	FORM	COMPANY	04/08/2013	13717675.6	2836235	03/08/2017 2836235
		NOVEL SUSTAINED RELEASE DOSAGE	THE DOW CHEMICAL				
72492-GB-EPT	United Kingdom	FORM	COMPANY	04/08/2013	13717675.6	2836235	03/08/2017 2836235
		NOVEL SUSTAINED	THE BOIL CHES SIGN				
72492-IE-EPT	Ireland	RELEASE DOSAGE FORM	THE DOW CHEMICAL COMPANY	04/08/2013	13717675.6	2836235	03/08/2017 2836235
		NOVEL SUSTAINED		, ,			
TO AND IN DOT	tuella	RELEASE DOSAGE	THE DOW CHEMICAL COMPANY	04/00/2012	72C9/CHEND/2014		
72492-IN-PCT	India	FORM NOVEL SUSTAINED	COMPANI	04/08/2013	7368/CHENP/2014		
		RELEASE DOSAGE	THE DOW CHEMICAL				
72492-JP-PCT	Japan	FORM NOVEL SUSTAINED	COMPANY	04/08/2013	2015-503687	2015-512421	09/18/2015 5809379
		RELEASE DOSAGE	THE DOW CHEMICAL				
72492-KR-PCT	SOUTH KOREA	FORM	COMPANY	04/08/2013	10-2014-7031596	10-2014-01442	98
		NOVEL SUSTAINED RELEASE DOSAGE	THE DOW CHEMICAL				
72492-SE-EPT	Sweden	FORM	COMPANY	04/08/2013	13717675.6	2836235	03/08/2017 2836235
	Haltad States Of	NOVEL SUSTAINED	THE BOW CHERWOAL				
72492-US-PCT	United States Of America	RELEASE DOSAGE FORM	THE DOW CHEMICAL COMPANY	04/08/2013	14/390046	2015-0057358	04/11/2017 9616036
		PROCESS OF PREPARING AN					
		ESTERIFIED					
		CELLULOSE ETHER IN					
		THE PRESENCE OF AN ALKALI METAL					
		CARBOXYLATE AND					
72402 55 507	Bussil	AN ALIPHATIC	THE DOW CHEMICAL	00/45/2012	112015000072.0		
72493-BR-PCT	Brazil	CARBOXYLIC ACID	COMPANY	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 THE DOW CHEN CARBOXYLIC ACID COMPANY	IICAL 08/15/2013 201380054384.9	104797604 03/06/2018 201380054384.9
European 72493-EP-EPT Procedure (Patent	PROCESS OF PREPARING AN ESTERIFIED CELLULOSE ETHER IN THE PRESENCE OF AN ALKALI METAL CARBOXYLATE AND AN ALIPHATIC THE DOW CHEN S) CARBOXYLIC ACID COMPANY	IICAL 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 THE DOW CHEN CARBOXYLIC ACID COMPANY	ICAL 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 COMPANY	IICAL 08/15/2013 2015-528539	2015-526565 06/30/2017 6166372
72423314 Ct 3apan	PROCESS OF PREPARING AN ESTERIFIED CELLULOSE ETHER IN THE PRESENCE OF AN ALKALI METAL CARBOXYLATE AND AN ALIPHATIC THE DOW CHEN		2013-320303 - 00/30/2217 - 0100372
72493-KR-PCT SOUTH KOREA	PROCESS OF PREPARING AN ESTERIFIED CELLULOSE ETHER IN THE PRESENCE OF AN ALKALI METAL CARBOXYLATE AND AN ALIPHATIC THE DOW CHEM	08/15/2013 10-2015-7007379	10-2015-0045506
72493-MX-PCT Mexico  United States Of	CARBOXYLIC ACID COMPANY  PROCESS OF PREPARING AN ESTERIFIED CELLULOSE ETHER IN THE PRESENCE OF AN ALKALI METAL CARBOXYLATE AND AN ALIPHATIC THE DOW CHEM	08/15/2013 MX/a/2015/002426	MX/a/2015/002426
72493-US-PCT America	CARBOXYLIC ACID COMPANY	08/15/2013 14/420911	2015-0218291

72496-BR-PCT 72496-CH-EPT	Brazil Switzerland	COMPOSITION COMPRISING AN ORGANIC LIQUID DILUENT AND A CELLULOSE ETHER OF VERY LOW VISCOSITY  COMPOSITION COMPRISING AN ORGANIC LIQUID DILUENT AND A CELLULOSE ETHER OF VERY LOW VISCOSITY  COMPOSITION	COMPANY THE DOW CHEMICAL	07/12/2013 07/12/2013	112014031471-3 13741943.8	2875072	03/15/2017 2875072
		COMPRISING AN ORGANIC LIQUID					
		DILUENT AND A CELLULOSE ETHER OF	THE DOWN CHEMICAL				
72496-CN-PCT	China	VERY LOW VISCOSITY		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  COMPOSITION COMPRISING AN ORGANIC LIQUID DILUENT AND A CELLULOSE ETHER OF	COMPANY	07/12/2013	13741943.8	2875072	03/15/2017 602013018595.6
72496-FR-EPT	France	VERY LOW VISCOSITY		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		07/12/2013	13741943.8	2875072	03/15/2017 2875072
		COMPOSITION COMPRISING AN					
		ORGANIC LIQUID DILUENT AND A					
72496-IE-EPT	Ireland	CELLULOSE ETHER OF VERY LOW VISCOSITY COMPOSITION COMPRISING AN ORGANIC LIQUID DILUENT AND A CELLULOSE ETHER OF	COMPANY THE DOW CHEMICAL	07/12/2013		2875072	03/15/2017 2875072
72496-IN-PCT	India	VERY LOW VISCOSITY	COMPANY	07/12/2013	234/CHENP/2015		
		COMPOSITION COMPRISING AN ORGANIC LIQUID DILUENT AND A CELLULOSE ETHER OF	THE DOW CHEMICAL				
72496-IT-EPT	Italy	VERY LOW VISCOSITY		07/12/2013	13741943.8	2875072	03/15/2017 50201700006205
72496-JP-PCD	Japan	COMPOSITION COMPRISING AN ORGANIC LIQUID DILUENT AND A CELLULOSE ETHER OF VERY LOW VISCOSITY		05/09/2016	2016-093759	2016-193908	10/27/2017 6231613

		COMPOSITION COMPRISING AN ORGANIC LIQUID				
72496-KR-PCT	SOUTH KOREA	DILUENT AND A CELLULOSE ETHER OF VERY LOW VISCOSITY		07/12/2013 10-2015-7001310	10-2015-003130	0
		COMPOSITION COMPRISING AN ORGANIC LIQUID DILUENT AND A				
72496-SE-EPT	Sweden	CELLULOSE ETHER OF VERY LOW VISCOSITY		07/12/2013 13741943.8	2875072	03/15/2017 2875072
		COMPOSITION COMPRISING AN ORGANIC LIQUID DILUENT AND A				
72496-US-PCD	United States Of America	CELLULOSE ETHER OF VERY LOW VISCOSITY		10/13/2016 15/292914	2017-0028069	
72535-BR-PCT	Brazil	MELT-EXTRUDED COMPOSITION COMPRISING A CELLULOSE ETHER MELT-EXTRUDED	THE DOW CHEMICAL COMPANY	04/08/2013 112014020718-6	1120140207186	
72535-CN-PCT	China		THE DOW CHEMICAL COMPANY	04/08/2013 201380030563.9	104364268	07/20/2016 201380030563.9
72535-DE-EPT	Germany	COMPOSITION COMPRISING A CELLULOSE ETHER MELT-EXTRUDED	THE DOW CHEMICAL COMPANY	04/08/2013 13717678.0	2836517	07/27/2016 602013009849.2
72535-FR-EPT	France		THE DOW CHEMICAL COMPANY	04/08/2013 13717678.0	2836517	07/27/2016 2836517
72535-GB-EPT	United Kingdom	COMPRISING A CELLULOSE ETHER MELT-EXTRUDED COMPOSITION	THE DOW CHEMICAL COMPANY	04/08/2013 13717678.0	2836517	07/27/2016 2836517
72535-IN-PCT	India		THE DOW CHEMICAL COMPANY	04/08/2013 7370/CHENP/2014		
72535-IT-EPT	Italy	COMPRISING A CELLULOSE ETHER MELT-EXTRUDED COMPOSITION	THE DOW CHEMICAL COMPANY	04/08/2013 13717678.0	2836517	07/27/2016 50201600010742
72535-JP-PCT	Japan	COMPRISING A CELLULOSE ETHER MELT-EXTRUDED	THE DOW CHEMICAL COMPANY	04/08/2013 2015-503688	2015-515522	04/17/2015 5731723
72535-KR-PCT	SOUTH KOREA	COMPOSITION COMPRISING A CELLULOSE ETHER MELT-EXTRUDED COMPOSITION	THE DOW CHEMICAL COMPANY	04/08/2013 10-2014-7031593	10-2014-014429	6
72535-SE-EPT	Sweden	COMPRISING A	THE DOW CHEMICAL COMPANY	04/08/2013 13717678.0	2836517	07/27/2016 2836517
72535-US-PCT	United States Of America	COMPRISING A CELLULOSE ETHER	THE DOW CHEMICAL COMPANY	04/08/2013 14/389838	2015-0057356	06/14/2016 9364546

		09/23/2013 13771035.6	2900753	07/04/2018 2900753
PROCESS FOR	COMPAN	03/23/2013 13771033.0	2500733	07/04/2010 2500755
PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY, GOOD FLOWABILITY AND/OR DISPERSIBILITY IN COLD WATER AS				
WELL AS LOW	THE DOW CHEMICAL			
PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY, GOOD FLOWABILITY AND/OR	COMPANY	09/23/2013 201380061059.5	104812827	03/08/2017 201380061059.5
COLD WATER AS				
WELL AS LOW SOLUTION COLOR	THE DOW CHEMICAL COMPANY	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	THE DOW CHEMICAL			
	THE DOW CHEMICAL COMPANY	09/23/2013 13771035.6	2900753	07/04/2018 2900753
WELL AS LOW	THE DOW CHEMICAL	00/22/2012 12771025 6	2000752	07/04/2019 2000752
PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY, GOOD FLOWABILITY AND/OR DISPERSIBILITY IN COLD WATER AS WELL AS LOW	THE DOW CHEMICAL COMPANY	09/23/2013 13771035.6	2900753	07/04/2018 2900753 07/04/2018 2900753
	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 PROCESS FOR PRODUCING 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 PROCESS FOR PRODUCING 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 PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY, GOOD FLOWABILITY AND/OR DISPERSIBILITY IN COLD WATER AS WELL 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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 PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY, GOOD FLOWABILITY AND/OR DISPERSIBILITY IN COLD WATER AS WELL AS LOW SOLUTION COLOR THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL	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 HOWABILITY AND/OR DISPERSIBILITY IN COLD WATER AS WELL AS LOW SOLUTION COLOR 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 PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY, GOOD FLOWABILITY AND/OR DISPERSIBILITY IN COLD WATER AS WELL AS LOW OS/PRODUCING 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 PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY, GOOD FLOWABILITY AND/OR DISPERSIBILITY IN COLD WATER AS WELL AS LOW THE DOW CHEMICAL COMPANY 09/23/2013 13771035.6  PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY, GOOD FLOWABILITY AND/OR DISPERSIBILITY IN COLD WATER AS WELL AS LOW THE DOW CHEMICAL COMPANY 09/23/2013 13771035.6  PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY, GOOD FLOWABILITY AND/OR DISPERSIBILITY IN COLD WATER AS WELL AS LOW THE DOW CHEMICAL COMPANY 09/23/2013 13771035.6	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 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 PROCESS FOR PRODUCING 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 PROCESS FOR PRODUCING 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 PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY, GOOD FLOWABILITY AND/OR DISPERSIBILITY IN COLD WATER AS WELL AS LOW SOLUTION COLOR PROCESS FOR PROCE

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	THE DOW CHEMICAL	09/23/2013 1633/CHENP/2015		
72042-IIV-PC1	IIIula	PROCESS FOR	COMPAN	09/25/2015 1055/CHENF/2015		
		PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY, GOOD FLOWABILITY AND/OR DISPERSIBILITY IN				
		COLD WATER AS WELL AS LOW	THE DOW CHEMICAL			
72642-JP-PCT	Japan	PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY, GOOD FLOWABILITY	COMPANY	09/23/2013 2015-531346	2015-530443	11/11/2016 6039812
72642-KR-PCT	SOUTH KOREA	AND/OR DISPERSIBILITY IN COLD WATER AS WELL AS LOW SOLUTION COLOR PROCESS FOR	THE DOW CHEMICAL COMPANY	09/23/2013 10-2015-7010623	10-2015-00634	64
		PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY GOOD FLOWABILITY AND/OR DISPERSIBILITY IN COLD WATER AS	THE DOW PUEMPAI			
72642-NL-EPT	Netherlands	WELL AS LOW SOLUTION COLOR PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY, GOOD FLOWABILITY AND/OR DISPERSIBILITY IN COLD WATER AS	THE DOW CHEMICAL COMPANY	09/23/2013 13771035.6	2900753	07/04/2018 2900753
		WELL AS LOW	THE DOW CHEMICAL			
72642-SE-EPT	Sweden  United States Of	SOLUTION COLOR PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY, GOOD FLOWABILITY AND/OR DISPERSIBILITY IN COLD WATER AS WELL AS LOW	THE DOW CHEMICAL	09/23/2013 13771035.6	2900753	07/04/2018 2900753
72642-US-PCD	America	SOLUTION COLOR	COMPANY	05/04/2016 15/096704	2016-0244533	08/21/2018 10053519

United States Of 72642-US-PCT America	PROCESS FOR PRODUCING CELLULOSE DERIVATIVES OF HIGH BULK DENSITY, GOOD FLOWABILITY AND/OR DISPERSIBILITY IN COLD WATER AS WELL AS LOW SOLUTION COLOR METHODS FOR	THE DOW CHEMICAL.  COMPANY 09/23/2013 14/422253 2015-0239992 05/17/2016 9340624
72711-BR-PCT Brazil	OF FRIED FOODS	THE DOW CHEMICAL COMPANY 09/23/2013 112015004916-8
72711-CN-PCT China	OF FRIED FOODS  METHODS FOR REDUCING OIL	THE DOW CHEMICAL COMPANY  09/23/2013 201380058715.6 104837364 01/30/2018 201380058715.6  THE DOW CHEMICAL COMPANY  09/23/2013 13786337.9 2900081 02/08/2017 602013017340.0
72711-FR-EPT France	OF FRIED FOODS  METHODS FOR REDUCING OIL	THE DOW CHEMICAL COMPANY  09/23/2013 13786337.9 2900081 02/08/2017 2900081  THE DOW CHEMICAL COMPANY  09/23/2013 13786337.9 2900081 02/08/2017 2900081
72711-IN-PCT India	OF FRIED FOODS  METHODS FOR REDUCING OIL	THE DOW CHEMICAL COMPANY  09/23/2013 1659/CHENP/2015  THE DOW CHEMICAL COMPANY  09/23/2013 2015-534575  2015-530112 05/11/2018 6334542
	METHODS FOR REDUCING OIL AND/OR FAT UPTAKE OF FRIED FOODS	THE DOW CHEMICAL COMPANY 09/23/2013 10-2015-7010828 10-2015-0060931
72711-NL-EPT Netherlands	OF FRIED FOODS	THE DOW CHEMICAL COMPANY 09/23/2013 13786337.9 2900081 02/08/2017 2900081
United States Of 72711-US-PCT America 72760-BR-PCT Brazil	OF FRIED FOODS METHOD OF PREPARING AN EDIBLE OLEOGEL	THE DOW CHEMICAL COMPANY 09/23/2013 14/422369 2015-0230500  THE DOW CHEMICAL COMPANY 06/06/2013 112014027719-2
72760-CN-PCD China 72760-CN-PCT China	METHOD OF PREPARING AN EDIBLE OLEOGEL METHOD OF PREPARING AN EDIBLE OLEOGEL METHOD OF	THE DOW CHEMICAL COMPANY 09/21/2017 201710858976.6 107616241  THE DOW CHEMICAL COMPANY 06/06/2013 201380044438.3 104582496
	PREPARING AN	THE DOW CHEMICAL COMPANY 06/06/2013 13742764.7 2866577

		METHOD OF	
		PREPARING AN	THE DOW CHEMICAL
72760-IN-PCT	India	EDIBLE OLEOGEL	COMPANY 06/06/2013 9252/CHENP/2014
		METHOD OF	
		PREPARING AN	THE DOW CHEMICAL
72760-KR-PCT	SOUTH KOREA	EDIBLE OLEOGEL	COMPANY 06/06/2013 10-2015-7002153 10-2015-0034208
		NOVEL ESTERIFIED	
		CELLULOSE ETHERS	
		OF HIGH	
		MOLECULAR	THE DOMESTICATION
ማዕለፅ በበ በረተ	Brazil	WEIGHT AND HOMOGENEITY	THE DOW CHEMICAL COMPANY 08/15/2013 112015002056-9 112015002056-9
73048-BR-PCT	Digti	NOVEL ESTERIFIED	COMPANY 08/15/2013 112015002056-9 112015002056-9
		CELLULOSE ETHERS	
		OF HIGH	
		MOLECULAR	
		WEIGHT AND	THE DOW CHEMICAL
73048-CH-EPT	Switzerland	HOMOGENEITY	COMPANY
		NOVEL ESTERIFIED	
		CELLULOSE ETHERS	
		OF HIGH	
		MOLECULAR	THE DAY OF HELDER
73048 CN DCD	ekies	WEIGHT AND	THE DOW CHEMICAL
73048-CN-PCD	China	NOVEL ESTERIFIED	COMPANY 10/31/2017 201711048018.9 107602710
		CELLULOSE ETHERS	
		OF HIGH	
		MOLECULAR	
		WEIGHT AND	THE DOW CHEMICAL
73048-DE-EPT	Germany	HOMOGENEITY	COMPANY
		NOVEL ESTERIFIED	
		CELLULOSE ETHERS	
		OF HIGH	
		MOLECULAR	
73040 ED EDT	European	WEIGHT AND	THE DOW CHEMICAL COMPANY 08/15/2013 13752793.3 2880290
73048-EP-EPT	Procedure (Patents)	NOVEL ESTERIFIED	COMPANY 08/15/2013 13752793.3 2880290
		CELLULOSE ETHERS	
		OF HIGH	
		MOLECULAR	
		WEIGHT AND	THE DOW CHEMICAL
73048-FR-EPT	France	HOMOGENEITY	COMPANY
		NOVEL ESTERIFIED	
		CELLULOSE ETHERS	
		OF HIGH	
		MOLECULAR	THE BOW SHEARS
73040 CB EDT	United Wandaus	WEIGHT AND	THE DOW CHEMICAL COMPANY
73048-GB-EPT	United Kingdom	NOVEL ESTERIFIED	COMPANY
		CELLULOSE ETHERS	
		OF HIGH	
		MOLECULAR	
		WEIGHT AND	THE DOW CHEMICAL
73048-IE-EPT	Ireland	HOMOGENEITY	COMPANY
		NOVEL ESTERIFIED	
		CELLULOSE ETHERS	
		OF HIGH	
		MOLECULAR	THE DOME DEFAULT
72040 IN DCT	(wallo	WEIGHT AND	THE DOW CHEMICAL COMPANY 08/15/2013 936/CHENP/2015
73048-IN-PCT	India	HOMOGENEITY NOVEL ESTERIFIED	COMPANY 08/15/2013 936/CHENP/2015
		CELLULOSE ETHERS	
		OF HIGH	
		MOLECULAR	
		WEIGHT AND	THE DOW CHEMICAL
73048-JP-PCT	Japan	HOMOGENEITY	COMPANY 08/15/2013 2015-528529 2015-529727 10/13/2017 6224712
		NOVELESTERIFIED	
		CELLULOSE ETHERS	
		OF HIGH	
		MOLECULAR	
73040 <del>***</del>	COUTH PORT	WEIGHT AND	THE DOW CHEMICAL
73048-KR-PCT	SOUTH KOREA		THE DOW CHEMICAL COMPANY 08/15/2013 10-2015-7007505 10-2015-0045511

		NOVEL ESTERIFIED		
		CELLULOSE ETHERS		
		OF HIGH		
		MOLECULAR WEIGHT AND	THE DOWN CHEMICAL	
73048-MX-PCT	Mexico	WEIGHT AND HOMOGENEITY	THE DOW CHEMICAL  COMPANY 08/15/2013 MX/a/2015/002429 MX/a/2015/002429	
73040-1412-1 (1	Wickled	NOVEL ESTERIFIED	55 HAVE 2013/002423 HAVE 2013/002423	00000000
		CELLULOSE ETHERS		
		OF HIGH		
		MOLECULAR WEIGHT AND	THE DOW CHEMICAL	
73048-SE-EPT	Sweden	HOMOGENEITY	COMPANY	
		NOVEL ESTERIFIED		
		CELLULOSE ETHERS OF HIGH		
		MOLECULAR		
	United States Of	WEIGHT AND	THE DOW CHEMICAL	
73048-US-PCT	America	HOMOGENEITY	COMPANY 08/15/2013 14/421064 2015-0202301	00000000
		PARTIALLY CROSS- LINKED ESTERIFIED	THE DOW CHEMICAL	
73314-BR-PCT	Brazil	CELLULOSE ETHERS	COMPANY 08/15/2013 112015002058-5 112015002058-5	
		PARTIALLY CROSS-		*********
72244 611 867	Ch.l.	LINKED ESTERIFIED	THE DOW CHEMICAL	204.0
73314-CN-PCT	China	CELLULOSE ETHERS PARTIALLY CROSS-	COMPANY 08/15/2013 201380055284.8 104736572 09/05/2017 201380055.	284.8
	European	LINKED ESTERIFIED	THE DOW CHEMICAL	
73314-EP-EPT	Procedure (Patents)	CELLULOSE ETHERS	COMPANY 08/15/2013 13752792.5 2888289	
		PARTIALLY CROSS- LINKED ESTERIFIED	THE DOW CHEMICAL	
73314-IN-PCT	India	CELLULOSE ETHERS	COMPANY 08/15/2013 939/CHENP/2015	
		PARTIALLY CROSS-		
		LINKED ESTERIFIED	THE DOW CHEMICAL	
73314-JP-PCT	Japan	CELLULOSE ETHERS PARTIALLY CROSS-	COMPANY 08/15/2013 2015-528528 2015-529726 10/13/2017 6224711	30303030
		LINKED ESTERIFIED	THE DOW CHEMICAL	
73314-KR-PCT	SOUTH KOREA	CELLULOSE ETHERS	COMPANY 08/15/2013 10-2015-7007511 10-2015-0045512	
		PARTIALLY CROSS-	THE DOWN CHEATICAL	
73314-MX-PCT	Mexico	CELLULOSE ETHERS	THE DOW CHEMICAL  COMPANY 08/15/2013 MX/a/2015/002427 MX/a/2015/002427	
100000000000000000000000000000000000000		PARTIALLY CROSS-		500000000
	United States Of	LINKED ESTERIFIED	THE DOW CHEMICAL	
73314-US-PCT	America	PROCESS OF	COMPANY 08/15/2013 14/420985 2015-0203597 08/29/2017 9745387	3888888
		PREPARING A HIGH		
		MOLECULAR		
2224F DD DCT	Beari	WEIGHT ESTERIFIED CELLULOSE ETHER		
73315-BR-PCT	Brazil	PROCESS OF	COMPANY 05/10/2016 112017023845-4	
		PREPARING A HIGH		
		MOLECULAR		
73315-CN-PCT	China	WEIGHT ESTERIFIED CELLULOSE ETHER	THE DOW CHEMICAL  COMPANY 05/10/2016 201680025622.7 107567463	
7333-CN*FC1	31111M	PROCESS OF		
		PREPARING A HIGH		
	Filespan	MOLECULAR	THE DOW CHEMICAL	
73315-EP-EPT	European Procedure (Patents)	WEIGHT ESTERIFIED CELLULOSE ETHER	COMPANY 05/10/2016 16726231.0 3294776	
	*	PROCESS OF		2020000000
		PREPARING A HIGH		
		MOLECULAR WEIGHT ESTERIFIED	THE DOW CHEMICAL	
73315-IN-PCT	India	CELLULOSE ETHER	COMPANY 05/10/2016 201717041532 201717041532	
		PROCESS OF		
		PREPARING A HIGH		
		MOLECULAR WEIGHT ESTERIFIED	THE DOW CHEMICAL	
73315-JP-PCT	Japan	CELLULOSE ETHER	COMPANY 05/10/2016 2017-558713 2018-515657	
		PROCESS OF		
		PREPARING A HIGH MOLECULAR		
		WEIGHT ESTERIFIED	THE DOW CHEMICAL	
73315-KR-PCT	SOUTH KOREA	CELLULOSE ETHER	COMPANY 05/10/2016 10-2017-7034715 10-2018-0008523	

		PROCESS OF PREPARING A HIGH					
		MOLECULAR WEIGHT ESTERIFIED	THE DOW CHEMICAL				
73315-US-PCT /		CELLULOSE ETHER	COMPANY	05/10/2016	15/569197	2018-0105607	
		PROCESS OF PREPARING A HIGH					
		MOLECULAR					
I	nternational	WEIGHT ESTERIFIED	THE DOW CHEMICAL				
73315-WO-PCT F	Procedure	CELLULOSE ETHER	COMPANY	05/10/2016	PCT/US16/031584	WO/2016/18689	95
		PROCESS OF					
		MANUFACTURING LITHIUM					
		CARBOXYMETHYL	THE DOW CHEMICAL				
73446-BR-PCT <b>I</b>	Brazil	CELLULOSE	COMPANY	05/28/2014	112015028325-0		
		PROCESS OF					
		MANUFACTURING LITHIUM					
		CARBOXYMETHYL	THE DOW CHEMICAL				
73446-CA-PCT (	Canada	CELLULOSE	COMPANY	05/28/2014	2913177		
		PROCESS OF					
		MANUFACTURING LITHIUM					
		CARBOXYMETHYL	THE DOW CHEMICAL				
73446-CN-PCT (	China	CELLULOSE	COMPANY	05/28/2014	201480029270,3	105246919	02/02/2018 201480029270.3
		PROCESS OF					
		MANUFACTURING LITHIUM					
E		CARBOXYMETHYL	THE DOW CHEMICAL				
	Procedure (Patents)	CELLULOSE	COMPANY	05/28/2014	14732763.9	2984109	
		PROCESS OF					
		MANUFACTURING LITHIUM					
		CARBOXYMETHYL	THE DOW CHEMICAL				
73446-IN-PCT I	ndia	CELLULOSE	COMPANY	05/28/2014	11226/DELNP/2015		
		PROCESS OF					
		MANUFACTURING LITHIUM					
		CARBOXYMETHYL	THE DOW CHEMICAL				
73446-JP-PCT J	apan	CELLULOSE	COMPANY	05/28/2014	2016-515144	2016-519205	03/10/2017 6105813
		PROCESS OF					
		MANUFACTURING LITHIUM					
		CARBOXYMETHYL	THE DOW CHEMICAL				
73446-KR-PCT S	SOUTH KOREA	CELLULOSE	COMPANY	05/28/2014	10-2015-7036366	10-2016-003048	3
		PROCESS OF					
		MANUFACTURING LITHIUM					
ι		CARBOXYMETHYL	THE DOW CHEMICAL				
	America	CELLULOSE	COMPANY	05/28/2014	14/781322	2016-0102153	02/28/2017 9580517
		SAUSAGE ADDITIVE					
		COMPRISING CELLULOSE ETHER					
		AND NATURAL	THE DOW CHEMICAL				
73465-BR-PCT [	3razil	GUMS	COMPANY	01/30/2013	112015011076-2		
		SAUSAGE ADDITIVE					
		COMPRISING CELLULOSE ETHER					
		AND NATURAL	THE DOW CHEMICAL				
73465-CN-PCT (	China	GUMS	COMPANY	01/30/2013	201380070180.4	105073870	01/12/2018 201380070180.4
		SAUSAGE ADDITIVE					
		COMPRISING CELLULOSE ETHER					
		AND NATURAL	THE DOW CHEMICAL				
73465-DE-EPT (	Sermany	GUMS	COMPANY	01/30/2013	13873302.7	2951236	10/10/2018 2951236
		SAUSAGE ADDITIVE					
		COMPRISING CELLULOSE ETHER					
	European	AND NATURAL	THE DOW CHEMICAL				
73465-EP-EPT I	Procedure (Patents)	GUMS	COMPANY	01/30/2013	13873302.7	2951236	10/10/2018 2951236

73465-FR-EPT France 73465-GB-EPT United Kingdom	SAUSAGE ADDITIVE COMPRISING CELLULOSE ETHER AND NATURAL GUMS SAUSAGE ADDITIVE COMPRISING CELLULOSE ETHER AND NATURAL GUMS SAUSAGE ADDITIVE COMPRISING SAUSAGE ADDITIVE COMPRISING	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	01/30/2013		2951236 2951236	10/10/2018 2951236 10/10/2018 2951236
	CELLULOSE ETHER					
	AND NATURAL	THE DOW CHEMICAL				
73465-IN-PCT India	GUMS SAUSAGE ADDITIVE	COMPANY	01/30/2013	7175/DELNP/2015	7175/DELNP/20	15
	COMPRISING					
	CELLULOSE ETHER					
TO ACE ID DOT	AND NATURAL	THE DOW CHEMICAL	04 /20 /2042	2045 554000	2016 506721	07/07/2017 6170100
73465-JP-PCT Japan	GUMS SAUSAGE ADDITIVE	COMPANY	01/30/2013	2015-554008	2016-506721	07/07/2017 6170180
73465-KR-PCT SOUTH KOREA	COMPRISING CELLULOSE ETHER AND NATURAL GUMS SAUSAGE ADDITIVE COMPRISING CELLULOSE ETHER	THE DOW CHEMICAL COMPANY	01/30/2013	10-2015-7023598	10-2015-01108	10
73465-NL-EPT Netherlands	AND NATURAL GUMS	THE DOW CHEMICAL COMPANY	01/30/2013	13873302 7	2951236	10/10/2018 2951236
United States Of 73465-US-PCT America 73580-BE-EPT Belgium	OF FRIED FOODS METHODS FOR REDUCING OIL	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	01/30/2013 09/23/2013		2900079	07/26/2017 2900079
73580-BR-PCT Brazil	OF FRIED FOODS	THE DOW CHEMICAL COMPANY	09/23/2013	112015004913-3		
73580-DR-PCT China 73580-DE-EPT Germany	METHODS FOR REDUCING OIL AND/OR FAT UPTAKE OF FRIED FOODS METHODS FOR REDUCING OIL	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY		201380061354.0	104918501	07/18/2017 201380061354.0 07/26/2017 602013024095.7
	METHODS FOR					
	REDUCING OIL					
		THE DOW CHEMICAL	/ /			
73580-ES-EPT Spain 73580-FR-EPT France	OF FRIED FOODS  METHODS FOR REDUCING OIL	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	09/23/2013 09/23/2013		2900079	07/26/2017 2900079 07/26/2017 2900079
73580-GB-EPT United Kingdom	OF FRIED FOODS	COMPANY	09/23/2013	13773509.8	2900079	07/26/2017 2900079

73580-IN-PCT India	METHODS FOR REDUCING OIL AND/OR FAT UPTAKE THE DO' OF FRIED FOODS COMPA		3 1665/CHENP/2015		
73580-JP-PCT Japan 73580-KR-PCT SOUTH KOREA	METHODS FOR REDUCING OIL AND/OR FAT UPTAKE THE DO' OF FRIED FOODS COMPA  METHODS FOR REDUCING OIL AND/OR FAT UPTAKE THE DO' OF FRIED FOODS COMPA	.NY 09/23/201 W CHEMICAL	3 2015-532184 3 10-2015-7010830	2015-528315	01/29/2016 5876623 3
73580-NL-EPT Netherlands  United States Of 73580-US-PCT America	METHODS FOR REDUCING OIL AND/OR FAT UPTAKE THE DO' OF FRIED FOODS COMPA  METHODS FOR REDUCING OIL AND/OR FAT UPTAKE THE DO' OF FRIED FOODS COMPA  METHODS FOR REDUCING OIL AND/OR FAT UPTAKE THE DO' OF FRIED FOODS COMPA	W CHEMICAL 09/23/201 W CHEMICAL 09/23/201 W CHEMICAL	3 13773509.8 3 14/423242	2900079 2015-0223497	07/26/2017 2900079
73582-BE-EPD Belgium	OF FRIED FOODS COMPA	141 U9/U//2U1	5 15002610.2	2989902	11/01/2017 2989902
73582-BE-EPT Belgium	REDUCING OIL AND/OR FAT UPTAKE THE DO OF FRIED FOODS COMPA		3 13773510.6	2900080	10/25/2017 2900080
73582-BR-PCT Brazil 73582-CN-PCT China	METHODS FOR REDUCING OIL AND/OR FAT UPTAKE THE DO' OF FRIED FOODS COMPA  METHODS FOR REDUCING OIL AND/OR FAT UPTAKE THE DO' OF FRIED FOODS COMPA	.NY 09/23/201 W CHEMICAL	3 112015006134-6 3 201380061963.6	104936460	01/12/2018 201380061963.6
73582-DE-EPD Germany 73582-DE-EPT Germany	METHODS FOR REDUCING OIL AND/OR FAT UPTAKE THE DO OF FRIED FOODS COMPA  METHODS FOR REDUCING OIL AND/OR FAT UPTAKE THE DO OF FRIED FOODS COMPA	.NY 09/07/201 W CHEMICAL	5 15002610.2 3 13773510.6	2989902 2900080	11/01/2017 602013028982.4 10/25/2017 602013028453.9
European	METHODS FOR REDUCING OIL AND/OR FAT UPTAKE THE DO S) OF FRIED FOODS COMPA METHODS FOR REDUCING OIL AND/OR FAT UPTAKE THE DO S) OF FRIED FOODS COMPA	NY 09/07/201 W CHEMICAL	5 15002610.2 3 13773510.6	2989902 2900080	11/01/2017 2989902 10/25/2017 2900080
73582-ES-EPD Spain	METHODS FOR REDUCING OIL AND/OR FAT UPTAKE THE DO OF FRIED FOODS COMPA		5 15002610.2	2989902	11/01/2017 2989902

73582-ES-EPT Spain	METHODS FOR REDUCING OIL AND/OR FAT UPTAKE OF FRIED FOODS	THE DOW CHEMICAL COMPANY	09/23/2013	13773510.6	2900080	10/25/2017 2900080
73582-FR-EPD France 73582-FR-EPT France	METHODS FOR REDUCING OIL AND/OR FAT UPTAKE	COMPANY	09/07/2015 09/23/2013		2989902 2900080	11/01/2017 2989902 10/25/2017 2900080
73582-GB-EPD United Kingdom 73582-GB-EPT United Kingdom	METHODS FOR REDUCING OIL AND/OR FAT UPTAKE	COMPANY	09/07/2015 09/23/2013		2989902	11/01/2017 2989902 10/25/2017 2900080
73582-IN-PCT India		THE DOW CHEMICAL COMPANY	09/23/2013	1679/CHENP/2015		
73582-JP-PCT Japan	METHODS FOR REDUCING OIL AND/OR FAT UPTAKE OF FRIED FOODS METHODS FOR	THE DOW CHEMICAL COMPANY	09/23/2013	2015-534574	2015-530111	03/16/2018 6306595
73582-KR-PCT SOUTH KOREA 73582-NL-EPD Netherlands	REDUCING OIL AND/OR FAT UPTAKE OF FRIED FOODS METHODS FOR REDUCING OIL AND/OR FAT UPTAKE	COMPANY	09/23/2013 09/07/2015	10-2015-7010827 15002610.2	10-2015-005850 2989902	05 11/01/2017 2989902
73582-NL-EPT Netherlands	METHODS FOR REDUCING OIL AND/OR FAT UPTAKE OF FRIED FOODS	THE DOW CHEMICAL COMPANY	09/23/2013	13773510.6	2900080	10/25/2017 2900080
United States Of 73582-US-PCT America		THE DOW CHEMICAL COMPANY	09/23/2013		2015-0216188	
73583-BR-PCT Brazil		THE DOW CHEMICAL COMPANY	12/17/2013	112015011071-1		
73583-DE-EPT Germany		THE DOW CHEMICAL COMPANY	12/17/2013	13815653.4	2941133	11/16/2016 602013014243.2
73583-FR-EPT France	BEVERAGE	THE DOW CHEMICAL COMPANY	12/17/2013	13815653.4	2941133	11/16/2016 2941133

STABILIZER	
COMPOSITION FOI FOOD AND	
BEVERAGE 73583-GB-EPT United Kingdom PRODUCTS	THE DOW CHEMICAL  COMPANY 12/17/2013 13815653.4 2941133 11/16/2016 2941133
STABILIZER COMPOSITION FOI	3
FOOD AND BEVERAGE	THE DOW CHEMICAL
73583-JP-PCT Japan PRODUCTS STABILIZER	COMPANY 12/17/2013 2015-551690 05/20/2016 5938150
COMPOSITION FOI FOOD AND	1
BEVERAGE	THE DOW CHEMICAL
73583-NL-EPT Netherlands PRODUCTS STABILIZER	COMPANY 12/17/2013 13815653.4 2941133 11/16/2016 2941133
COMPOSITION FOI FOOD AND	
United States Of BEVERAGE 73583-US-PCD America PRODUCTS	THE DOW CHEMICAL COMPANY 09/12/2017 15/701903 2018-0000143
NOVEL ESTERIFIED CELLULOSE ETHER	
OF VERY LOW 73672-BR-PCT Brazil VISCOSITY	THE DOW CHEMICAL COMPANY 02/28/2014 112015015846-3
NOVEL ESTERIFIED CELLULOSE ETHER	
OF VERY LOW 73672-CH-EPT Switzerland VISCOSITY	THE DOW CHEMICAL  COMPANY 02/28/2014 14715466.0 2964204 01/01/2017 2964204
NOVEL ESTERIFIED CELLULOSE ETHER	
OF VERY LOW 73672-CN-PCT China VISCOSITY	THE DOW CHEMICAL  COMPANY 02/28/2014 201480011014.1 105025887 07/28/2017 201480011014.1
NOVEL ESTERIFIED CELLULOSE ETHER	
OF VERY LOW 73672-DE-EPT Germany VISCOSITY	THE DOW CHEMICAL COMPANY 02/28/2014 14715466.0 2964204 01/01/2017 602014006061.7
NOVEL ESTERIFIED	
CELLULOSE ETHER OF VERY LOW	THE DOW CHEMICAL
73672-FR-EPT France VISCOSITY  NOVEL ESTERIFIED	
CELLULOSE ETHER: OF VERY LOW	THE DOW CHEMICAL
73672-GB-EPT United Kingdom VISCOSITY NOVEL ESTERIFIED	
CELLULOSE ETHER OF VERY LOW	S THE DOW CHEMICAL
73672-IE-EPT freland VISCOSITY NOVEL ESTERIFIED	COMPANY 02/28/2014 14715466.0 2964204 01/01/2017 2964204
CELLULOSE ETHER: OF VERY LOW	THE DOW CHEMICAL
73672-IN-PCT India VISCOSITY NOVEL ESTERIFIED	COMPANY: 02/28/2014 8747/DELNP/2015
CELLULOSE ETHER OF VERY LOW	S THE DOW CHEMICAL
73672-JP-PCT Japan VISCOSITY NOVEL ESTERIFIED	COMPANY 02/28/2014 2015-560340 01/05/2018 6267239
CELLULOSE ETHER: OF VERY LOW	THE DOW CHEMICAL
73672-KR-PCT SOUTH KOREA VISCOSITY NOVEL ESTERIFIED	COMPANY 02/28/2014 10-2015-7026855 10-2015-01194 09/27/2016 10-1661952
CELLULOSE ETHER OF VERY LOW	S THE DOW CHEMICAL
73672-SE-EPT Sweden VISCOSITY NOVEL ESTERIFIED	COMPANY 02/28/2014 14715466.0 2964204 01/01/2017 2964204
CELLULOSE ETHER: United States Of OF VERY LOW	S THE DOW CHEMICAL
73672-US-PCT America VISCOSITY COMPOSITION FO	COMPANY 02/28/2014 14/766786 2015-0376299 04/11/2017 9617351
APPLICATION TO A MUCOSA	
COMPRISING A HYDROXYLALKYL	THE DOW CHEMICAL
73754-BR-PCT Brazil METHYLCELLULOS	E COMPANY 07/16/2014 112016000560-0 112016000560-0

	OMPOSITION FOR PPLICATION TO A				
	NUCOSA				
	omprising a Ydroxylalkyl	THE DOW CHEMICAL			
	METHYLCELLULOSE OMPOSITION FOR	COMPANY	07/16/2014 14745327.8	3021835	05/10/2017 3021835
	PPLICATION TO A				
	iucosa Omprising a				
н	YDROXYLALKYL	THE DOW CHEMICAL			
	METHYLCELLULOSE OMPOSITION FOR	COMPANY	07/16/2014 201480037759.5		04/26/2017 201480037759.5
	PPLICATION TO A				
	IUCOSA OMPRISING A				
		THE DOW CHEMICAL	07/46/2044 44745227 0	2024025	05/40/2047 002044000755 2
	METHYLCELLULOSE  OMPOSITION FOR	COMPANY	07/16/2014 14745327.8	3021835	05/10/2017 602014009755.3
	PPLICATION TO A NUCOSA				
	OMPRISING A				
		THE DOW CHEMICAL COMPANY	07/16/2014 14745327.8	3021835	05/10/2017 3021835
***************************************	OMPOSITION FOR	wenn and	07/10/2014 147433270	3021033	437,107,2017-302,1033
	PPLICATION TO A NUCOSA				
C	OMPRISING A				
		THE DOW CHEMICAL COMPANY	07/16/2014 14745327.8	3021835	05/10/2017 3021835
	OMPOSITION FOR				
	PPLICATION TO A NUCOSA				
	omprising a Ydroxylalkyl	THE DOW CHEMICAL			
73754-IE-EPT Ireland IV	METHYLCELLULOSE	COMPANY	07/16/2014 14745327.8	3021835	05/10/2017 3021835
	OMPOSITION FOR PPLICATION TO A				
	1UCOSA				
	OMPRISING A IYDROXYLALKYL	THE DOW CHEMICAL			
	METHYLCELLULOSE OMPOSITION FOR	COMPANY	07/16/2014 201617002166		
A	PPLICATION TO A				
	IUCOSA OMPRISING A				
		THE DOW CHEMICAL	07/46/7014 2046 616043		11.014.03046.5030964
***************************************	OMPOSITION FOR	COMPANT	07/16/2014 2016-516042		11/11/2016 6039861
	PPLICATION TO A IUCOSA				
C	OMPRISING A				
		THE DOW CHEMICAL COMPANY	07/16/2014 2016-7003138		05/22/2017 10-1740300
	OMPOSITION FOR PPLICATION TO A				
N	1UCOSA				
	omprising a Ydroxylalkyl	THE DOW CHEMICAL			
73754-SE-EPT Sweden M	METHYLCELLULOSE	COMPANY	07/16/2014 14745327.8	3021835	05/10/2017 3021835
	OW FAT AMINATED DOUGH	THE DOW CHEMICAL			
	ND PASTRY OW FAT	COMPANY	04/08/2014 112015025714-3		
U	AMINATED DOUGH	THE DOW CHEMICAL	04/00/00/4	******	63 fay fasak
	ND PASTRY OW FAT	COMPANY	04/08/2014 14722497.6	2956007	03/21/2018 602014022601.9
European LA 73869-EP-EPT Procedure (Patents) A		THE DOW CHEMICAL COMPANY	04/08/2014 14722497.6	2956007	03/21/2018 2956007
LC	OW FAT		5-y 50y 2014 14722437.0	2550007	33,21,2010 2330007
		THE DOW CHEMICAL COMPANY	04/08/2014 14722497.6	2956007	03/21/2018 2956007

1	LOW FAT LAMINATED DOUGH AND PASTRY	THE DOW CHEMICAL COMPANY 04/08/2014 14722497.6 2956007 03/21/2018 2956007
73869-GB-EPT United Kingdom	LOW FAT LAMINATED DOUGH AND PASTRY LOW FAT	THE DOW CHEMICAL COMPANY 04/08/2014 14722497.6 2956007 03/21/2018 2956007
73869-IN-PCT India .		THE DOW CHEMICAL COMPANY 04/08/2014 10029/DELNP/2015 10029/DELNP/2015
73869-IT-EPT Italy	LAMINATED DOUGH AND PASTRY LOW FAT	THE DOW CHEMICAL COMPANY 04/08/2014 14722497.6 2956007 03/21/2018 50201800001532
73869-JP-PCT Japan	LAMINATED DOUGH AND PASTRY LOW FAT	THE DOW CHEMICAL  COMPANY 04/08/2014 2016-507593 2016-514486 04/14/2017 6126301
73869-KR-PCT SOUTH KOREA	AND PASTRY LOW FAT	THE DOW CHEMICAL COMPANY 04/08/2014 10-2015-7032692 10-2016-0002929
	LAMINATED DOUGH AND PASTRY	THE DOW CHEMICAL  COMPANY 04/08/2014 14722497.6 2956007 03/21/2018 2956007
	00000	
	WATER-SOLUBLE POLYSACCHARIDES	
	OF IMPROVED	THE DOW CHEMICAL
	PALATABILITY WATER-SOLUBLE	COMPANY 04/08/2014 112015019575-0
500000000000000000000000000000000000000	POLYSACCHARIDES OF IMPROVED	THE DOW CHEMICAL
74015-CN-PCT China	PALATABILITY WATER-SOLUBLE POLYSACCHARIDES	COMPANY 04/08/2014 201480017899.6 105102556A 09/12/2017 201480017899.6
	OF IMPROVED PALATABILITY	THE DOW CHEMICAL  COMPANY 04/08/2014 14724914.8 2997098 03/22/2017 602014007883.4
	WATER-SOLUBLE	3,50,501 17.231.0 23755 3,52150 352160503.1
, 74015-FR-EPT France	POLYSACCHARIDES OF IMPROVED PALATABILITY WATER-SOLUBLE	THE DOW CHEMICAL COMPANY 04/08/2014 14724914.8 2997098 03/22/2017 2997098
ı	POLYSACCHARIDES	
	OF IMPROVED PALATABILITY	THE DOW CHEMICAL COMPANY 04/08/2014 14724914.8 2997098 03/22/2017 2997098
	Water-soluble Polysaccharides	
, 74015-IN-PCT India	OF IMPROVED PALATABILITY WATER-SOLUBLE	THE DOW CHEMICAL COMPANY 04/08/2014 9900/DELNP/2015 9900/DELNP/2015
ı	POLYSACCHARIDES	***************************************
74015-JP-PCT Japan	OF IMPROVED PALATABILITY	THE DOW CHEMICAL  COMPANY 04/08/2014 2016-507597 2016-518488 04/13/2018 6321779
	WATER-SOLUBLE POLYSACCHARIDES OF IMPROVED PALATABILITY	THE DOW CHEMICAL COMPANY 04/08/2014 10-2015-7032517 10-2015-0140835
74015-KR-PCT SOUTH KOREA	esecutiva e esecutiva de la composição d	COMPANY 04/08/2014 10-2015-7032517 10-2015-0140835

	WATER-SOLUBLE POLYSACCHARIDES				
74015-NL-EPT Netherlands	OF IMPROVED PALATABILITY WATER-SOLUBLE POLYSACCHARIDES	THE DOW CHEMICAL COMPANY	04/08/2014 14724914.8	2997098	03/22/2017 2997098
United States Of 74015-US-PCT America	OF IMPROVED PALATABILITY PROCESS FOR	THE DOW CHEMICAL COMPANY	04/08/2014 14/771678	2016-0021916	
	PREPARING AN AQUEOUS SOLUTION OF A	THE DOW CHEMICAL			
74016-BR-PCT Brazil	METHYLCELLULOSE PROCESS FOR PREPARING AN AQUEOUS SOLUTION	COMPANY	04/08/2014 112015019577-6		
74016-CN-PCT China	OF A METHYLCELLULOSE PROCESS FOR PREPARING AN	THE DOW CHEMICAL COMPANY	04/08/2014 201480018573.5	105073869	07/14/2017 201480018573.5
74016-DE-EPT Germany	AQUEOUS SOLUTION OF A METHYLCELLULOSE	THE DOW CHEMICAL COMPANY	04/08/2014 14723630.1	2986671	07/12/2017 2986671
	PROCESS FOR PREPARING AN AQUEOUS SOLUTION OF A	THE DOW CHEMICAL			
74016-FR-EPT France	METHYLCELLULOSE PROCESS FOR PREPARING AN AQUEOUS SOLUTION	COMPANY	04/08/2014 14723630.1	2986671	07/12/2017 2986671
74016-GB-EPT United Kingdom	OF A METHYLCELLULOSE PROCESS FOR	THE DOW CHEMICAL COMPANY	04/08/2014 14723630.1	2986671	07/12/2017 2986671
74016-IN-PCT India	PREPARING AN AQUEOUS SOLUTION OF A METHYLCELLULOSE	THE DOW CHEMICAL COMPANY	04/08/2014 9901/DELNP/2015	9901/DELNP/20	n15
	PROCESS FOR PREPARING AN AQUEOUS SOLUTION	000000000000000000000000000000000000000			
74016-JP-PCT Japan	OF A METHYLCELLULOSE PROCESS FOR PREPARING AN	THE DOW CHEMICAL COMPANY	04/08/2014 2016-507598	2016-519707	05/25/2018 6342990
74016-KR-PCT SOUTH KOREA	AQUEOUS SOLUTION OF A METHYLCELLULOSE PROCESS FOR	THE DOW CHEMICAL COMPANY	04/08/2014 10-2015-7032377	10-2015-01420	39
74016-NL-EPT Netherlands	PREPARING AN AQUEOUS SOLUTION OF A METHYLCELLULOSE	THE DOW CHEMICAL	04/08/2014 14723630.1	2986671	07/12/2017 2986671
United States Of	PROCESS FOR PREPARING AN AQUEOUS SOLUTION OF A	THE DOW CHEMICAL			
74016-US-PCD America	METHYLCELLULOSE PROCESS FOR PREPARING AN	COMPANY	10/25/2017 15/793208	2018-0042284	
United States Of 74016-US-PCT America	AQUEOUS SOLUTION OF A METHYLCELLULOSE PROCESS FOR PREPARING AN AQUEOUS SOLUTION OF SACCHARIDES	THE DOW CHEMICAL COMPANY	04/08/2014 14/771891	2016-0081384	11/28/2017 9826768
74019-BR-PCT Brazil	AND METHYLCELLULOSE	THE DOW CHEMICAL COMPANY	04/08/2014 112015019580-6		

	PROCESS FOR PREPARING AN					
	AQUEOUS SOLUTION					
	OF SACCHARIDES AND	THE DOW CHEMICAL				
74019-CN-PCT China	METHYLCELLULOSE	COMPANY	04/08/2014	201480017993.1	105050429	06/08/2018 201480017993.1
	PROCESS FOR PREPARING AN AQUEOUS SOLUTION OF SACCHARIDES					
	AND	THE DOW CHEMICAL				
74019-DE-EPT Germany	PROCESS FOR	COMPANY	04/08/2014	14724597.1	2986167	07/19/2017 602014011994.8
	PREPARING AN					
	AQUEOUS SOLUTION OF SACCHARIDES					
	AND	THE DOW CHEMICAL				
74019-FR-EPT France	METHYLCELLULOSE PROCESS FOR	COMPANY	04/08/2014	14724597.1	2986167	07/19/2017 2986167
	PREPARING AN					
	AQUEOUS SOLUTION OF SACCHARIDES					
	AND	THE DOW CHEMICAL				
74019-GB-EPT United Kingdom	METHYLCELLULOSE PROCESS FOR	COMPANY	04/08/2014	14724597.1	2986167	07/19/2017 2986167
	PREPARING AN					
	AQUEOUS SOLUTION					
	OF SACCHARIDES AND	THE DOW CHEMICAL				
74019-IN-PCT India	METHYLCELLULOSE PROCESS FOR	COMPANY	04/08/2014	9902/DELNP/2015	9902/DELNP/20	015
	PROCESS FOR PREPARING AN					
	AQUEOUS SOLUTION					
	OF SACCHARIDES AND	THE DOW CHEMICAL				
74019-JP-PCT Japan	METHYLCELLULOSE	COMPANY	04/08/2014	2016-507600	2016-518356	
	PROCESS FOR PREPARING AN					
	AQUEOUS SOLUTION					
	OF SACCHARIDES AND	THE DOW CHEMICAL				
74019-KR-PCT SOUTH KOREA	METHYLCELLULOSE	COMPANY	04/08/2014	10-2015-7032380	10-2015-01408	25
	PROCESS FOR PREPARING AN					
	AQUEOUS SOLUTION					
	OF SACCHARIDES AND	THE DOW CHEMICAL				
74019-NL-EPT Netherlands	METHYLCELLULOSE	COMPANY	04/08/2014	14724597.1	2986167	07/19/2017 2986167
	PROCESS FOR PREPARING AN					
	AQUEOUS SOLUTION					
United States Of	OF SACCHARIDES AND	THE DOW CHEMICAL				
74019-US-PCT America	METHYLCELLULOSE	COMPANY	04/08/2014	14/771932	2016-0015058	11/21/2017 9820498
	NOVEL ESTERIFIED CELLULOSE ETHERS					
	OF LOW VISCOSITY					
	AND HIGH MOLECULAR	THE DOW CHEMICAL				
74056-BR-PCT Brazil	WEIGHT	COMPANY	02/28/2014	112015019354-4		
	NOVEL ESTERIFIED CELLULOSE ETHERS					
	OF LOW VISCOSITY					
	AND HIGH MOLECULAR	THE DOW CHEMICAL				
74056-CH-EPT Switzerland	WEIGHT	COMPANY	02/28/2014	14713637.8	2964679	04/04/2018 2964679
	NOVEL ESTERIFIED CELLULOSE ETHERS					
	OF LOW VISCOSITY					
	AND HIGH MOLECULAR	THE DOW CHEMICAL				
74056-CN-PCT China	WEIGHT	COMPANY	02/28/2014	201480010121.2	105026435	01/23/2018 201480010121.2

NOVEL ESTERIFIED
CELLULOSE ETHERS OF LOW VISCOSITY
AND HIGH
MOLECULAR THE DOW CHEMICAL 74056-DE-EPT Germany WEIGHT COMPANY 02/28/2014 14713637.8 2964679 04/04/2018 602014023291.4
NOVEL ESTERIFIED CELLULOSE ETHERS
OF LOW VISCOSITY
AND HIGH European MOLECULAR THE DOW CHEMICAL
74056-EP-EPT Procedure (Patents) WEIGHT COMPANY 02/28/2014 14713637.8 2964679 04/04/2018 2964679  NOVEL ESTERIFIED
CELLULOSE ETHERS
OF LOW VISCOSITY AND HIGH
MOLECULAR THE DOW CHEMICAL  74056-FR-EPT France WEIGHT COMPANY 02/28/2014 14713637.8 2964679 04/04/2018 2964679
NOVEL ESTERIFIED
CELLULOSE ETHERS OF LOW VISCOSITY
AND HIGH MOLECULAR THE DOW CHEMICAL
74056-GB-EPT United Kingdom WEIGHT COMPANY 02/28/2014 14713637.8 2964679 04/04/2018 2964679
NOVEL ESTERIFIED CELLULOSE ETHERS
OF LOW VISCOSITY AND HIGH
MOLECULAR THE DOW CHEMICAL
74056-IE-EPT Ireland WEIGHT COMPANY 02/28/2014 14713637.8 2964679 04/04/2018 2964679 NOVEL ESTERIFIED
CELLULOSE ETHERS OF LOW VISCOSITY
AND HIGH
MOLECULAR THE DOW CHEMICAL 74056-IN-PCT India WEIGHT COMPANY 02/28/2014 8744/DELNP/2015
NOVEL ESTERIFIED CELLULOSE ETHERS
OF LOW VISCOSITY
AND HIGH  MOLECULAR THE DOW CHEMICAL
74056-JP-PCT Japan WEIGHT COMPANY 02/28/2014 2015-561465 2016-510828 04/13/2018 6321689 NOVEL ESTERIFIED
CELLULOSE ETHERS
OF LOW VISCOSITY AND HIGH
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74056-US-PCT America WEIGHT COMPANY 02/28/2014 14/766569 2015-0368365
HYDROXYPROPYL
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74146-DE-EPT Germany SUBSTITUTION		06/13/2011 11726036.4	2579896 0	7/20/2016 602011028331.6
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74146-EP-EPT Procedure (Patents) SUBSTITUTION		06/13/2011 11726036.4	2579896 0	7/20/2016 2579896
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74146-GB-EPT United Kingdom SUBSTITUTION	I COMPANY	06/13/2011 11726036.4	2579896 0	7/20/2016 2579896
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74146-KR-PCT SOUTH KOREA SUBSTITUTION		06/13/2011 2013-7000834	1	2/04/2017 10-1807338
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74146-SE-EPT Sweden SUBSTITUTION		06/13/2011 11726036.4	2579896 0	7/20/2016 2579896
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74406-BR-PCT Brazil WEIGHT NOVEL ESTERI	COMPANY	02/28/2014 112015014065-3	3	
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74406-CN-PCT China WEIGHT	COMPANY	02/28/2014 201480010183.3	3 105007903	

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74406-EP-EPT	European Procedure (Patents)		COMPANY	02/28/2014	14711076.1	2964203	
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		CELLULOSE ETHERS					
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		MOLECULAR	THE DOW CHEMICAL				
74406-JP-PCT	Japan	WEIGHT NOVEL ESTERIFIED	COMPANY	02/28/2014	2015-561433	2016-510827	05/11/2018 6334574
		CELLULOSE ETHERS					
		OF VERY HIGH					
		MOLECULAR	THE DOW CHEMICAL				
74406-KR-PCT	SOUTH KOREA	WEIGHT	COMPANY	02/28/2014	10-2015-7027503	10-2015-01288	16
		NOVEL ESTERIFIED CELLULOSE ETHERS					
		OF VERY HIGH					
	United States Of	MOLECULAR	THE DOW CHEMICAL				
74406-US-PCD	America	WEIGHT	COMPANY	01/04/2018	15/861733	2018-0127516	
		NOVEL ESTERIFIED					
		CELLULOSE ETHERS OF VERY HIGH					
	United States Of	MOLECULAR	THE DOW CHEMICAL				
74406-US-PCT	America	WEIGHT	COMPANY	02/28/2014	14/766609	2015-0368366	02/13/2018 9890220
		PROCESS FOR					
		PRODUCING					
		ESTERIFIED CELLULOSE ETHERS					
		OF VERY HIGH					
		MOLECULAR					
		WEIGHT AND LOW	THE DOW CHEMICAL				
74440-BR-PCT	Brazil	VISCOSITY	COMPANY	05/10/2016	112017023272-3	000000000000000000000000000000000000000	
		PROCESS FOR PRODUCING					
		ESTERIFIED					
		CELLULOSE ETHERS					
		OF VERY HIGH					
		MOLECULAR WEIGHT AND LOW	THE DOWN CHEMICAL				
74440-CN-PCT	China	VISCOSITY	THE DOW CHEMICAL COMPANY	05/10/2016	201680025614.2	107567462	
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		ESTERIFIED					
		CELLULOSE ETHERS OF VERY HIGH					
		MOLECULAR					
	European	WEIGHT AND LOW	THE DOW CHEMICAL				
74440-EP-EPT	Procedure (Patents)		COMPANY	05/10/2016	16726232.8	3294777	
		PROCESS FOR					
		PRODUCING ESTERIFIED					
		CELLULOSE ETHERS					
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74440 181	La alta	WEIGHT AND LOW VISCOSITY	THE DOW CHEMICAL COMPANY	OF #44/444	204242044205	20474704470	
74440-IN-PCT	India	PROCESS FOR	COMPANT	US/1U/2U16	201717041703	201717041703	
		PRODUCING					
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		CELLULOSE ETHERS					
		OF VERY HIGH					
		MOLECULAR WEIGHT AND LOW	THE DOW CHEMICAL				
74440-JP-PCT	Japan	VISCOSITY	COMPANY	05/10/2016	2017-558712	2018-515656	
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74440-KR-PCT SOUTH KOREA	PROCESS FOR PRODUCING ESTERIFIED CELLULOSE ETHERS OF VERY HIGH MOLECULAR WEIGHT AND LOW VISCOSITY PROCESS FOR PRODUCING ESTERIFIED CELLULOSE ETHERS	L 05/10/2016 10-2017-7034716 10-2018-0008524
United States Of 74440-US-PCT America  International 74440-WO-PCT Procedure	OF VERY HIGH MOLECULAR WEIGHT AND LOW VISCOSITY PROCESS FOR PRODUCING ESTERIFIED CELLULOSE ETHERS OF VERY HIGH MOLECULAR WEIGHT AND LOW VISCOSITY COMPANY THE DOW CHEMICA COMPANY	05/10/2016 15/569210 2018-0105608
74466-BR-PCT Brazil 74466-CN-PCT China	CELLULOSE ETHERS ESTERIFIED WITH THE DOW CHEMICA DICARBOXYLIC ACIDS COMPANY  CELLULOSE ETHERS ESTERIFIED WITH THE DOW CHEMICA DICARBOXYLIC ACIDS COMPANY  CELLULOSE ETHERS	05/07/2014 112015024522-6 L 05/07/2014 201480024334.0 105164152 11/28/2017 201480024334.0
European 74466-EP-EPT Procedure (Patents 74466-IN-PCT India	ESTERIFIED WITH THE DOW CHEMICA ) DICARBOXYLIC ACIDS COMPANY  CELLULOSE ETHERS ESTERIFIED WITH THE DOW CHEMICA DICARBOXYLIC ACIDS COMPANY  CELLULOSE ETHERS ESTERIFIED WITH THE DOW CHEMICA	05/07/2014 14731443.9 2997046 L 05/07/2014 10570/DELNP/2015 10570/DELNP/2015
74466-JP-PCT Japan 74466-KR-PCT SOUTH KOREA	CELLULOSE ETHERS ESTERIFIED WITH THE DOW CHEMICA DICARBOXYLIC ACIDS COMPANY  CELLULOSE ETHERS	05/07/2014 10-2015-7035306 10-2016-0006788
United States Of 74466-US-PCT America  74567-BR-PCT Brazil	ESTERIFIED WITH THE DOW CHEMICA DICARBOXYLIC ACIDS COMPANY COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A METHYLCELLULOSE COMPOSITION FOR APPLICATION TO A MUCOSA	05/07/2014 14/777838 2016-0289344 02/13/2018 9890221
74567-CN-PCT China  European 74567-EP-EPT Procedure (Patents	COMPRISING A METHYLCELLULOSE COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A COMPRISING A COMPOSITION FOR APPLICATION TO A MUCOSA  THE DOW CHEMICA COMPANY COMPANY COMPOSITION FOR APPLICATION TO A MUCOSA	07/16/2014 201480037967.5 105358178
74567-IN-PCT India	COMPRISING A THE DOW CHEMICA METHYLCELLULOSE COMPANY	07/16/2014 201617002167

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74567-JP-PCT Japan	METHYLCELLULOSE	COMPANY	07/16/2014 20	16-527063	2016-525115	06/22/2018 6	356795
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	MUCOSA						
	COMPRISING A	THE DOW CHEMICAL					
74567-KR-PCT SOUTH KOREA	METHYLCELLULOSE	COMPANY	07/16/2014 20	16-7003019	10-2016-003096	51	
	COMPOSITION FOR						
	APPLICATION TO A						
	NASAL MUCOSA						
United States Of	COMPRISING A	THE DOW CHEMICAL					
74567-US-PCT America	METHYLCELLULOSE	COMPANY	07/16/2014 14	/890617	2016-0114047	04/10/2018 9	937258
	COMPOSITION FOR						
	APPLICATION TO A						
	MUCOSA COMPRISING A	THE DOM/CHEMICAL					
74622-BR-PCT Brazil	COMPRISING A CELLULOSE ETHER	THE DOW CHEMICAL COMPANY	09/15/2014 11	2016004000 0	112016004990-	n	
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74622-CH-EPT Switzerland	CELLULOSE ETHER	COMPANY	09/15/2014 14	772547 7	3049060	10/25/2017 3	049060
	COMPOSITION FOR						
	APPLICATION TO A						
	MUCOSA						
	COMPRISING A	THE DOW CHEMICAL					
74622-CN-PCT China	CELLULOSE ETHER	COMPANY	09/15/2014 20	1480048890.1		04/17/2018 2	01480048890.1
	COMPOSITION FOR						
	APPLICATION TO A						
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	COMPRISING A	THE DOW CHEMICAL					
74622-DE-EPT Germany	CELLULOSE ETHER	COMPANY	09/15/2014 14	772547.7	3049060	10/25/2017 6	02014016340.8
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-	APPLICATION TO A MUCOSA COMPRISING A s) CELLULOSE ETHER	THE DOW CHEMICAL COMPANY	09/15/2014 14	772547.7	3049060	10/25/2017 3	.049060
-	APPLICATION TO A MUCOSA COMPRISING A s) CELLULOSE ETHER COMPOSITION FOR		09/15/2014 14	772547.7	3049060	10/25/2017 3	049060
-	APPLICATION TO A MUCOSA COMPRISING A s) CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A		09/15/2014 14	772547.7	3049060	10/25/2017 3	049060
-	APPLICATION TO A MUCOSA COMPRISING A s) CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA	COMPANY	09/15/2014 14	772547.7	3049060	10/25/2017 3	049060
74622-EP-EPT Procedure (Patent	APPLICATION TO A MUCOSA COMPRISING A s) CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A	COMPANY THE DOW CHEMICAL					
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74622-EP-EPT Procedure (Patent	APPLICATION TO A MUCOSA COMPRISING A S) CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION FOR	COMPANY THE DOW CHEMICAL					
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74622-EP-EPT Procedure (Patent	APPLICATION TO A MUCOSA COMPRISING A S) CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION TO A MUCOSA COMPRISING A CELLULOSE ETHER	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL	09/15/2014 14	772547 7	3049060	10/25/2017 3	049060
74622-EP-EPT Procedure (Patent	APPLICATION TO A MUCOSA COMPRISING A S) CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION FOR	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL	09/15/2014 14	772547 7	3049060	10/25/2017 3	049060
74622-EP-EPT Procedure (Patent	APPLICATION TO A MUCOSA COMPRISING A S) CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION FOR APPLICATION FOR APPLICATION FOR APPLICATION FOR APPLICATION FOR APPLICATION FOR APPLICATION TO A	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL	09/15/2014 14	772547 7	3049060 3049060	10/25/2017 3 10/25/2017 3	049060 049060
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74622-EP-EPT Procedure (Patent 74622-FR-EPT France 74622-GB-EPT United Kingdom	APPLICATION TO A MUCOSA COMPRISING A SI CELLULOSE ETHER COMPOSITION FOR APPLICATION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION FOR APPLICATION FOR APPLICATION FOR APPLICATION FOR APPLICATION FOR APPLICATION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION FOR	COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL	09/15/2014 14 09/15/2014 14	772547.7 772547.7	3049060 3049060	10/25/2017 3 10/25/2017 3	049060 049060
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74622-EP-EPT Procedure (Patent 74622-FR-EPT France 74622-GB-EPT United Kingdom 74622-IE-EPT Ireland	APPLICATION TO A MUCOSA COMPRISING A SI CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION FOR APPLICATION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	09/15/2014 14 09/15/2014 14 09/15/2014 14	772547.7 772547.7 772547.7	3049060 3049060	10/25/2017 3 10/25/2017 3	049060 049060
74622-EP-EPT Procedure (Patent 74622-FR-EPT France 74622-GB-EPT United Kingdom	APPLICATION TO A MUCOSA COMPRISING A S) CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER	COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	09/15/2014 14 09/15/2014 14	772547.7 772547.7 772547.7	3049060 3049060	10/25/2017 3 10/25/2017 3	049060 049060
74622-EP-EPT Procedure (Patent 74622-FR-EPT France 74622-GB-EPT United Kingdom 74622-IE-EPT Ireland	APPLICATION TO A MUCOSA COMPRISING A S) CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION FOR	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	09/15/2014 14 09/15/2014 14 09/15/2014 14	772547.7 772547.7 772547.7	3049060 3049060	10/25/2017 3 10/25/2017 3	049060 049060
74622-EP-EPT Procedure (Patent 74622-FR-EPT France 74622-GB-EPT United Kingdom 74622-IE-EPT Ireland	APPLICATION TO A MUCOSA COMPRISING A SPILCATION TO A MUCOSA COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A APPLICATION TO A	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	09/15/2014 14 09/15/2014 14 09/15/2014 14	772547.7 772547.7 772547.7	3049060 3049060	10/25/2017 3 10/25/2017 3	049060 049060
74622-EP-EPT Procedure (Patent 74622-FR-EPT France 74622-GB-EPT United Kingdom 74622-IE-EPT Ireland	APPLICATION TO A MUCOSA COMPRISING A S) CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION FOR APPLICATION FOR APPLICATION FOR APPLICATION FOR APPLICATION TO A MUCOSA	COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	09/15/2014 14 09/15/2014 14 09/15/2014 14	772547.7 772547.7 772547.7	3049060 3049060	10/25/2017 3 10/25/2017 3	049060 049060
74622-EP-EPT Procedure (Patent 74622-FR-EPT France  74622-GB-EPT United Kingdom  74622-IE-EPT Ireland	APPLICATION TO A MUCOSA COMPRISING A SPLICATION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION FOR APPLICATION FOR APPLICATION FOR APPLICATION TO A MUCOSA COMPRISING A COMPRISING A	THE DOW CHEMICAL COMPANY	09/15/2014 14  09/15/2014 14  09/15/2014 14  09/15/2014 20	772547.7 772547.7 772547.7 1617011167	3049060 3049060	10/25/2017 3 10/25/2017 3 10/25/2017 3	049060 049060 049060
74622-EP-EPT Procedure (Patent 74622-FR-EPT France 74622-GB-EPT United Kingdom 74622-IE-EPT Ireland	APPLICATION TO A MUCOSA COMPRISING A S) CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER	COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	09/15/2014 14 09/15/2014 14 09/15/2014 14	772547.7 772547.7 772547.7 1617011167	3049060 3049060	10/25/2017 3 10/25/2017 3	049060 049060 049060
74622-EP-EPT Procedure (Patent 74622-FR-EPT France  74622-GB-EPT United Kingdom  74622-IE-EPT Ireland	APPLICATION TO A MUCOSA COMPRISING A S) CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION FOR	THE DOW CHEMICAL COMPANY	09/15/2014 14  09/15/2014 14  09/15/2014 14  09/15/2014 20	772547.7 772547.7 772547.7 1617011167	3049060 3049060	10/25/2017 3 10/25/2017 3 10/25/2017 3	049060 049060 049060
74622-EP-EPT Procedure (Patent 74622-FR-EPT France  74622-GB-EPT United Kingdom  74622-IE-EPT Ireland	APPLICATION TO A MUCOSA COMPRISING A SI CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A	THE DOW CHEMICAL COMPANY	09/15/2014 14  09/15/2014 14  09/15/2014 14  09/15/2014 20	772547.7 772547.7 772547.7 1617011167	3049060 3049060	10/25/2017 3 10/25/2017 3 10/25/2017 3	049060 049060 049060
74622-EP-EPT Procedure (Patent 74622-FR-EPT France  74622-GB-EPT United Kingdom  74622-IE-EPT Ireland	APPLICATION TO A MUCOSA COMPRISING A S) CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	09/15/2014 14  09/15/2014 14  09/15/2014 14  09/15/2014 20	772547.7 772547.7 772547.7 1617011167	3049060 3049060	10/25/2017 3 10/25/2017 3 10/25/2017 3	049060 049060 049060
74622-EP-EPT Procedure (Patent 74622-FR-EPT France  74622-GB-EPT United Kingdom  74622-IE-EPT Ireland	APPLICATION TO A MUCOSA COMPRISING A SI CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A MUCOSA COMPRISING A CELLULOSE ETHER COMPOSITION FOR APPLICATION TO A	THE DOW CHEMICAL COMPANY	09/15/2014 14  09/15/2014 14  09/15/2014 14  09/15/2014 20	772547.7 772547.7 772547.7 1617011167	3049060 3049060	10/25/2017 3 10/25/2017 3 10/25/2017 3	049060 049060 049060

	COMPOSITION FOR					
	MUCOSA COMPRISING A	THE DOW CHEMICAL				
***************************************	CELLULOSE ETHER COMPOSITION FOR	COMPANY	09/15/2014	14772547.7	3049060 1	0/25/2017 3049060
i	APPLICATION TO A MUCOSA					
74622-US-PCT America	COMPRISING A CELLULOSE ETHER	THE DOW CHEMICAL COMPANY	09/15/2014	15/023736	2016-0228559	
	PROCESS FOR PREPARING AN ESTER OF A	THE DOWN CHEMICAL				
74654-BE-EPT Belgium	CELLULOSE ETHER PROCESS FOR	THE DOW CHEMICAL COMPANY	10/21/2015	15791420.1	3212674 0	8/22/2018 3212674
ı	PREPARING AN ESTER OF A	THE DOW CHEMICAL				
	CELLULOSE ETHER PROCESS FOR	COMPANY	10/21/2015	15791420.1	3212674 0	8/22/2018 3212674
	Preparing an Ester of a	THE DOW CHEMICAL				
	PROCESS FOR	COMPANY	10/21/2015	15791420.1	3212674 0	8/22/2018 3212674
ı	PREPARING AN ESTER OF A	THE DOW CHEMICAL				- ( (
	CELLULOSE ETHER PROCESS FOR	COMPANY	10/21/2015	15791420.1	3212674 0	8/22/2018 3212674
	PREPARING AN ESTER OF A CELLULOSE ETHER	THE DOW CHEMICAL COMPANY	10/21/2015	15791//20.1	3212674 0	8/22/2018 3212674
I	PROCESS FOR PREPARING AN	CONT. ALT	10/21/2015	**********	· ARREMATI	o, cc., co.+c
	ESTER OF A CELLULOSE ETHER	THE DOW CHEMICAL COMPANY	10/21/2015	201717015986	201717015986	
	PROCESS FOR PREPARING AN					
74654-KR-PCT SOUTH KOREA	ESTER OF A CELLULOSE ETHER	THE DOW CHEMICAL COMPANY	10/21/2015	10-2017-7012586	0	3/12/2018 10-1839295
ı	PROCESS FOR PREPARING AN	THE DOIN CUCK HOM				
74654-NL-EPT Netherlands	ester of a Cellulose ether Process for	THE DOW CHEMICAL COMPANY	10/21/2015	15791420.1	3212674 0	8/22/2018 3212674
	PREPARING AN ESTER OF A	THE DOW CHEMICAL				
	CELLULOSE ETHER PROCESS FOR	COMPANY	10/21/2015	15791420.1	3212674 0	8/22/2018 3212674
	PREPARING AN ESTER OF A	THE DOW CHEMICAL				
	CELLULOSE ETHER PROCESS FOR	COMPANY	10/21/2015	15/521065	2017-0335019	
74662-BR-PCT Brazil	Preparing an Oleogel	THE DOW CHEMICAL COMPANY	05/16/2014	112015028312-8	1120150283128	
ı	PROCESS FOR PREPARING AN OLEOGEL	THE DOW CHEMICAL	05/16/2014	201480028784.7	105228461	
	PROCESS FOR PREPARING AN	THE DOW CHEMICAL	03) 10) 2014	201-00020704.7	103220401	
200000000000000000000000000000000000000	OLEOGEL PROCESS FOR	COMPANY	05/16/2014	14730377.0	3007565 0	6/20/2018 602014027289.4
74662-EP-EPT Procedure (Patents)		THE DOW CHEMICAL COMPANY	05/16/2014	14730377.0	3007565 0	6/20/2018 3007565
	PROCESS FOR PREPARING AN	THE DOW CHEMICAL				
I	OLEOGEL PROCESS FOR PREPARING AN	COMPANY THE DOW CHEMICAL	05/16/2014	14/303//:0	3007565 0	6/20/2018 3007565
74662-GB-EPT United Kingdom	OLEOGEL PROCESS FOR	COMPANY	05/16/2014	14730377.0	3007565 0	6/20/2018 3007565
	PREPARING AN OLEOGEL	THE DOW CHEMICAL COMPANY	05/16/2014	11154/DELNP/2015		
I	PROCESS FOR PREPARING AN	THE DOW CHEMICAL				
74662-JP-PCT Japan	OLEOGEL	COMPANY	05/16/2014	2016-516687	2016-519956	

PR(	OCESS FOR	
	EPARING AN THE DOW CHEMICAL	
11.07.77.10.00.00.77.00.00.00.00.00.00.00.00.00.00	eogel company	05/16/2014 10-2015-7036358 10-2016-0030892
	OCESS FOR	
	EPARING AN THE DOW CHEMICAL EOGEL COMPANY	05/16/2014 14730377.0 3007565 06/20/2018 3007565
	OCESS FOR	03/10/2014 14/30377.0 3007303 00/20/2010 3007503
United States Of PRE	EPARING AN THE DOW CHEMICAL	
	EOGEL COMPANY	05/16/2014 14/892354 2016-0081374 05/23/2017 9655376
	MPOSITION MPRISING AN	
	GANIC LIQUID	
DIL	UENT AND A	
	ECIFIC	
	DROXYALKYL THE DOW CHEMICAL THYLCELLULOSE COMPANY	00/45/2014 142040005470 0 442040005470 0
	MPOSITION	09/15/2014 112016005470-9 112016005470-9
	MPRISING AN	
	GANIC LIQUID	
	LUENT AND A	
	ECIFIC  DROXYALKYL THE DOW CHEMICAL	
	THYLCELLULOSE COMPANY	09/15/2014 14777984.7 3049061 06/20/2018 3049061
	MPOSITION	
	MPRISING AN	
	GANIC LIQUID .UENT AND A	
	ECIFIC	
	DROXYALKYL THE DOW CHEMICAL	
	Thylcellulose Company Mposition	09/15/2014 201480050275.4 105530918
	MPRISING AN	
	GANIC LIQUID	
	UENT AND A	
	ECIFIC DROXYALKYL THE DOW CHEMICAL	
	THYLCELLULOSE COMPANY	09/15/2014 14777984 7 3049061 06/20/2018 602014027325.4
	MPOSITION	
	MPRISING AN	
	GANIC LIQUID .UENT AND A	
	ECIFIC	
European HYI	DROXYALKYL THE DOW CHEMICAL	
74847-EP-EPT Procedure (Patents) ME		09/15/2014 14777984.7 3049061 06/20/2018 3049061
	mposition Mprising an	
	GANIC LIQUID	
	UENT AND A	
	ECIFIC	
	DROXYALKYL THE DOW CHEMICAL THYLCELLULOSE COMPANY	09/15/2014 14777984.7 3049061 06/20/2018 3049061
	MPOSITION	05/15/2014 147/73047/ 304301 00/20/2018 3043001
	MPRISING AN	
	GANIC LIQUID	
	.UENT AND A ECIFIC	
	DROXYALKYL THE DOW CHEMICAL	
	THYLCELLULOSE COMPANY	09/15/2014 14777984.7 3049061 06/20/2018 3049061
	MPOSITION	
200000000000000000000000000000000000000	MPRISING AN GANIC LIQUID	
	UENT AND A	
	ECIFIC	
	DROXYALKYL THE DOW CHEMICAL THYLCELLULOSE COMPANY	00/35/3014 14777004 7 3040001 00/30/2019 3040001
	thylcellulose company Mposition	09/15/2014 14777984.7 3049061 06/20/2018 3049061
CO	MPRISING AN	
OR	GANIC LIQUID	
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OR: DIL SPE	GANIC LIQUID	
OR: Dil SPE HYI	GANIC LIQUID .UENT AND A ECIFIC	09/15/2014 201617011168





A PROCESS FOR RECOVERING AN	
ESTERIFIED	
CELLULOSE ETHER FROM A REACTION	THE DOW CHEMICAL
74850-GB-EPT United Kingdom PRODUCT MIXTURE	
A PROCESS FOR RECOVERING AN	
ESTERIFIED CONTROL OF FROM P	
CELLULOSE ETHER FROM A REACTION	THE DOW CHEMICAL
74850-IN-PCT India PRODUCT MIXTURE A PROCESS FOR	COMPANY 09/15/2014 201617010809
RECOVERING AN	
ESTERIFIED CELLULOSE ETHER	
FROM A REACTION	THE DOW CHEMICAL
74850-JP-PCT Japan PRODUCT MIXTURE A-PROCESS FOR	COMPANY 09/15/2014 2016-516092 2016-532725 01/13/2017 6073526
RECOVERING AN	
ESTERIFIED CELLULOSE ETHER	
FROM A REACTION 74850-KR-PCT SOUTH KOREA PRODUCT MIXTURE	THE DOW CHEMICAL  COMPANY 09/15/2014 2016-7009049 11/04/2016 10-1674912
A PROCESS FOR	03/13/037-200-7003073
RECOVERING AN ESTERIFIED	
CELLULOSE ETHER	
United States Of FROM A REACTION 74850-US-PCT America PRODUCT MIXTURE	THE DOW CHEMICAL COMPANY 09/15/2014 15/022418 2016-0222133 03/07/2017 9587037
EFFICIENT PROCESS FOR PREPARING AN	
ESTER OF A	THE DOW CHEMICAL
74851-BE-EPT Belgium CELLULOSE ETHER EFFICIENT PROCESS	COMPANY 10/21/2015 15791421.9 3212675 08/22/2018 3212675
FOR PREPARING AN	
ESTER OF A 74851-BR-PCT Brazil CELLULOSE ETHER	THE DOW CHEMICAL  COMPANY 10/21/2015 112017008366-3
EFFICIENT PROCESS	
FOR PREPARING AN ESTER OF A	THE DOW CHEMICAL
74851-DE-EPT Germany CELLULOSE ETHER EFFICIENT PROCESS	COMPANY 10/21/2015 15791421.9 3212675 08/22/2018 3212675
FOR PREPARING AN	
European ESTER OF A 74851-EP-EPT Procedure (Patents) CELLULOSE ETHER	THE DOW CHEMICAL COMPANY 10/21/2015 15791421.9 3212675 08/22/2018 3212675
EFFICIENT PROCESS	
FOR PREPARING AN ESTER OF A	THE DOW-CHEMICAL
74851-FR-EPT France CELLULOSE ETHER EFFICIENT PROCESS	COMPANY 10/21/2015 15791421.9 3212675 08/22/2018 3212675
FOR PREPARING AN	
ESTER OF A 74851-GB-EPT United Kingdom CELLULOSE ETHER	THE DOW CHEMICAL  COMPANY 10/21/2015 15791421.9 3212675 08/22/2018 3212675
EFFICIENT PROCESS	
FOR PREPARING AN ESTER OF A	THE DOW CHEMICAL
74851-IN-PCT India CELLULOSE ETHER EFFICIENT PROCESS	COMPANY 10/21/2015 201717016204 201717016204
FOR PREPARING AN	
ESTER OF A 74851-JP-PCT Japan CELLULOSE ETHER	THE DOW CHEMICAL  COMPANY 10/21/2015 2017-523509 01/12/2018 6273076
EFFICIENT PROCESS	
FOR PREPARING AN ESTER OF A	THE DOW CHEMICAL
74851-KR-PCT SOUTH KOREA CELLULOSE ETHER EFFICIENT PROCESS	COMPANY 10/21/2015 10-2017-7012592 03/12/2018 10-1839296
FOR PREPARING AN	
ESTER OF A 74851-MX-PCT Mexico CELLULOSE ETHER	THE DOW CHEMICAL  COMPANY 10/21/2015 MX/a/2017/005052 04/02/2018 355025
EFFICIENT PROCESS	
FOR PREPARING AN United States Of ESTER OF A	THE DOW CHEMICAL
74851-US-PCT America CELLULOSE ETHER	COMPANY 10/21/2015 15/521088 2017-0355783



75082-DE-EPT	Germany	A PROCESS TO PRODUCE AN AQUEOUS DISPERSION, AN AQUEOUS DISPERSION PRODUCED THEREBY AND A COATING COMPOSITION COMPRISING THE AQUEOUS DISPERSION	THE DOW CHEMICAL COMPANY	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	THE DOW CHEMICAL COMPANY	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	THE DOW CHEMICAL COMPANY	08/25/2014 14762156.9	3013359	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	THE DOW CHEMICAL COMPANY	08/25/2014 14762156.9	3013369	12/27/2017 3013369
75082-IE-EPT	Ireland	A PROCESS TO PRODUCE AN AQUEOUS DISPERSION, AN AQUEOUS DISPERSION PRODUCED THEREBY AND A COATING COMPOSITION COMPRISING THE AQUEOUS DISPERSION	THE DOW CHEMICAL COMPANY	08/25/2014 14762156.9	3013369	12/27/2017 3013369

75082-IN-PCT India	A PROCESS TO PRODUCE AN AQUEOUS DISPERSION, AN AQUEOUS DISPERSION PRODUCED THEREBY AND A COATING COMPOSITION COMPRISING THE AQUEOUS DISPERSION  A PROCESS TO PRODUCE AN AQUEOUS DISPERSION, AN AQUEOUS	THE DOW CHEMICAL COMPANY	08/25/2014 201617007560		
75082-JP-PCT Japan	DISPERSION PRODUCED THEREBY AND A COATING COMPOSITION COMPRISING THE AQUEOUS DISPERSION	THE DOW CHEMICAL COMPANY	08/25/2014 2016-539002	2016-531187	
	A PROCESS TO PRODUCE AN AQUEOUS DISPERSION, AN AQUEOUS DISPERSION PRODUCED THEREBY AND A COATING				
TERRO VID DOT COLUTIVODE	COMPOSITION COMPRISING THE AQUEOUS	THE DOW CHEMICAL	00/05/0044 40 2045 700554		
75082-KR-PCT SOUTH KOREA 75082-KR-PCT SOUTH KOREA	DISPERSION  A PROCESS TO PRODUCE AN AQUEOUS DISPERSION, AN AQUEOUS DISPERSION PRODUCED THEREBY AND A COATING COMPOSITION COMPRISING THE AQUEOUS DISPERSION A PROCESS TO PRODUCE AN	THE DOW CHEMICAL COMPANY	08/25/2014 10-2016-7006614 08/25/2014 14762156.9	3013369	12/27/2017 3013369
United States Of 75082-US-PCT America 75087-BR-PCT Brazil	AQUEOUS DISPERSION, AN AQUEOUS DISPERSION PRODUCED THEREBY AND A COATING COMPOSITION COMPRISING THE AQUEOUS DISPERSION METHODS, SYSTEMS, AND DEVICES FOR DESIGNING MOLECULES	THE DOW CHEMICAL COMPANY	08/25/2014 14/914366 10/23/2014 112016003993-9	2016-0208126	05/15/2018 9969897

75087-CN-PCT China	METHODS, SYSTEMS, AND DEVICES FOR DESIGNING MOLECULES	THE DOW CHEMICAL	10/23/2014	201480054293.X	105593861		
European 75087-EP-EPT Procedure (Patents	METHODS, SYSTEMS, AND DEVICES FOR DESIGNING		10/23/2014		3061014		
75087-IN-PCT India	METHODS, SYSTEMS, AND DEVICES FOR DESIGNING MOLECULES	THE DOW CHEMICAL COMPANY	10/23/2014	201647017228			
75087-JP-PCT Japan	METHODS, SYSTEMS, AND DEVICES FOR DESIGNING MOLECULES	THE DOW CHEMICAL COMPANY	10/23/2014	2016-522767	2016-538255		
75087-KR-PCT SOUTH KOREA	METHODS, SYSTEMS, AND DEVICES FOR DESIGNING MOLECULES	THE DOW CHEMICAL COMPANY	10/23/2014	10-2016-7013359	10-2016-007462	9	
United States Of 75087-US-PCT America	METHODS, SYSTEMS, AND DEVICES FOR DESIGNING MOLECULES	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	10/23/2014		2016-0306947		
75197-BR-PCT Brazil 75197-CN-PCT China	IMPROVING DOUGH	THE DOW CHEMICAL		112016012927-0 201380081394.1			
75197-DE-EPT Germany	IMPROVING DOUGH		12/19/2013	13899646.7	3091838	09/19/2018 309183	8
European 75197-EP-EPT Procedure (Patents	) IMPROVING DOUGH	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	12/19/2013	13899646.7	3091838	09/19/2018 309183	8
75197-FR-EPT France	IMPROVING DOUGH		12/19/2013	13899646.7	3091838	09/19/2018 309183	8
75197-GB-EPT United Kingdom	IMPROVING DOUGH	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	12/19/2013	13899646.7	3091838	09/19/2018 309183	8
75197-IN-PCT India	IMPROVING DOUGH		12/19/2013	201617022356	201617022356		50000000000000000
75197-JP-PCT Japan	IMPROVING DOUGH	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	12/19/2013	2016-536149	2017-500853		
75197-KR-PCT SOUTH KOREA	IMPROVING DOUGH		12/19/2013	10-2016-7017772			
75197-NL-EPT Netherlands United States Of	IMPROVING DOUGH	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	12/19/2013	13899646.7	3091838	09/19/2018 309183	8
75197-US-PCT America	IMPROVING DOUGH	COMPANY	12/19/2013	15/104670	2016-0338365		
75271-BR-PCT Brazil	ESTERIFIED CELLULOSE ETHERS OF LOW ACETONE- INSOLUBLE CONTENT	THE DOW CHEMICAL	08/18/2015	112017003191-4			
75271-CN-PCT China	ESTERIFIED CELLULOSE ETHERS OF LOW ACETONE- INSOLUBLE CONTENT	THE DOW CHEMICAL		201580045160.0	106661130		
European	ESTERIFIED  CELLULOSE ETHERS  OF LOW ACETONE- ) INSOLUBLE CONTENT	THE DOW CHEMICAL	08/18/2015		3186285		
75271-IN-PCT India	ESTERIFIED CELLULOSE ETHERS OF LOW ACETONE- INSOLUBLE CONTENT	THE DOW CHEMICAL	08/18/2015	201717009166	201717009166		
			, ,,				

75271-JP-PCT Japan	ESTERIFIED CELLULOSE ETHERS OF LOW ACETONE- INSOLUBLE CONTENT	THE DOW CHEMICAL COMPANY	08/18/2015 2017-510531	2017-525815	
75271-KR-PCT SOUTH KOREA 75271-MX-PCT Mexico	ESTERIFIED CELLULOSE ETHERS OF LOW ACETONE- INSOLUBLE CONTENT ESTERIFIED CELLULOSE ETHERS OF LOW ACETONE- INSOLUBLE CONTENT	THE DOW CHEMICAL	08/18/2015 10-2017-7006863 08/18/2015 MX/a/2017/002073	10-2017-004524	19
United States Of 75271-US-PCT America 75394-BE-EPT Belgium	ESTERIFIED CELLULOSE ETHERS OF LOW ACETONE- INSOLUBLE CONTENT HEAT MOLDABLE CERAMIC COMPOSITION	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	02/13/2017 15/503600	2017-0240654	
75394-CN-PCT China	HEAT MOLDABLE CERAMIC COMPOSITION HEAT MOLDABLE	THE DOW CHEMICAL COMPANY	01/09/2015 201580003659.5	105899473	08/29/2017 201580003659.5
75394-DE-EPT Germany European	CERAMIC COMPOSITION HEAT MOLDABLE CERAMIC	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL			
75394-EP-EPT Procedure (Patents 75394-FR-EPT France	) COMPOSITION HEAT MOLDABLE CERAMIC COMPOSITION HEAT MOLDABLE	COMPANY THE DOW CHEMICAL COMPANY	01/09/2015 15701446.5	3094609	
75394-JP-PCT Japan 75394-KR-PCT SOUTH KOREA	CERAMIC COMPOSITION HEAT MOLDABLE CERAMIC COMPOSITION HEAT MOLDABLE	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	01/09/2015 2016-544869 01/09/2015 10-2016-7020325	2017-507100	03/31/2017 6118001
75394-MX-PCT Mexico  75394-NL-EPT Netherlands	CERAMIC COMPOSITION HEAT MOLDABLE CERAMIC COMPOSITION	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	01/09/2015 MX/a/2016/008712		
United States Of 75394-US-PCT America 75465-CA-PCT Canada	HEAT MOLDABLE CERAMIC COMPOSITION SUPPORT MATERIALS FOR 3D PRINTING	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	01/09/2015 15/105836 01/09/2015 2936357	2016-0318813	
75465-CN-PCT China  European  75465-EP-EPT Procedure (Patents	SUPPORT MATERIALS FOR 3D PRINTING SUPPORT MATERIALS FOR 3D PRINTING	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	01/09/2015 201580003674.X 01/09/2015 150701445.7	105873954 3094656	
75465-JP-PCT Japan 75465-KR-PCT SOUTH KOREA	SUPPORT MATERIALS FOR 3D PRINTING SUPPORT MATERIALS FOR 3D PRINTING SUPPORT	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	01/09/2015 2016-544481 01/09/2015 10-2016-7020326	2017-508639	
United States Of 75465-US-PCT America International 75465-WO-PCT Procedure	MATERIALS FOR 3D PRINTING SUPPORT MATERIALS FOR 3D PRINTING	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	01/09/2015 15/106637 01/09/2015 PCT/US15/010746	20170022341 WO/2015/1087	68

75713-BR-PCT 75713-CN-PCT	Brazil China	MICROCAPILLARY POLYMER FILMS FOR DRUG DELIVERY MICROCAPILLARY POLYMER FILMS FOR DRUG DELIVERY	COMPANY	06/05/2015 112016027759-7 06/05/2015 201580029845.6	
75713-EP-EPT	European Procedure (Patents	MICROCAPILLARY POLYMER FILMS FOR DRUG DELIVERY	THE DOW CHEMICAL	06/05/2015 15729719.3	3154532
75713-IN-PCT	India	MICROCAPILLARY POLYMER FILMS FOR DRUG DELIVERY	THE DOW CHEMICAL	06/05/2015 201617045178	201617045178
75713-JP-PCT	Japan	MICROCAPILLARY POLYMER FILMS FOR DRUG DELIVERY	THE DOW CHEMICAL COMPANY	06/05/2015 2016-569449	2017-517515
75713-KR-PCT	SOUTH KOREA	MICROCAPILLARY POLYMER FILMS FOR DRUG DELIVERY	THE DOW CHEMICAL COMPANY	06/05/2015 10-2017-7000429	10-2017-0016945
75713-US-PCT	United States Of America	MICROCAPILLARY POLYMER FILMS FOR DRUG DELIVERY	THE DOW CHEMICAL COMPANY	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	THE DOW CHEMICAL COMPANY	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	THE DOW CHEMICAL COMPANY	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		09/21/2016 10-2018-7009533	10-2013-0056668
	United States Of	PROCESS FOR PREPARING AN ESTER OF A CELLULOSE ETHER IN THE PRESENCE OF ACETIC ACID AND A	THE DOW CHEMICAL		
75714-US-PCT 75832-BR-PCT	America Brazil	REACTION CATALYST COPOLYMERS AS EXCIPIENTS FOR EFFECTIVE SOLUBILIZATION OF POORLY WATER- SOLUBLE		09/21/2016 15/761926 02/24/2016 112017018345-5	

COPOLYMERS AS EXCIPIENTS FOR EFFECTIVE SOLUBILIZATION OF POORLY WATER- SOLUBLE SUBSTANCES FROM THE DOW CHEMICAL 75832-CN-PCT China SOLID MIXTURES COMPANY	02/24/2016 201680012799.3 107406556
COPOLYMERS AS EXCIPIENTS FOR EFFECTIVE SOLUBILIZATION OF POORLY WATER- SOLUBLE European SUBSTANCES FROM THE DOW CHEMICAL 75832-EP-EPT Procedure (Patents) SOLID MIXTURES COMPANY	02/24/2016 16719554.4 3265062
COPOLYMERS AS EXCIPIENTS FOR EFFECTIVE SOLUBILIZATION OF POORLY WATER- SOLUBLE SUBSTANCES FROM THE DOW CHEMICAL 75832-IN-PCT India SOLID MIXTURES COMPANY	02/24/2016 201717032579 201717032579
COPOLYMERS AS EXCIPIENTS FOR EFFECTIVE SOLUBLIZATION OF POORLY WATER- SOLUBLE SUBSTANCES FROM THE DOW CHEMICAL 75832-JP-PCT Japan SOLID MIXTURES COMPANY	02/24/2016 2017-545924 2018-510854
COPOLYMERS AS EXCIPIENTS FOR EFFECTIVE SOLUBILIZATION OF POORLY WATER- SOLUBLE SUBSTANCES FROM THE DOW CHEMICAL	
COPOLYMERS AS EXCIPIENTS FOR EFFECTIVE SOLUBILIZATION OF POORLY WATER- SOLUBLE United States Of SUBSTANCES FROM THE DOW CHEMICAL	02/24/2016 10-2017-7026500 10-2017-0126936
75832-US-PCT America SOLID MIXTURES COMPANY  COPOLYMERS AS  EXCIPIENTS FOR  EFFECTIVE  SOLUBILIZATION OF  POORLY WATER- SOLUBLE  International SUBSTANCES FROM THE DOW CHEMICAL	02/24/2016 15/554442 2018-0066091
75832-WO-PCT Procedure SOLID MIXTURES COMPANY DISPERSION COMPRISING A PARTIALLY NEUTRALIZED ESTERIFIED THE DOW CHEMICAL 75835-BR-PCT Brazil CELLULOSE ETHER COMPANY DISPERSION	02/24/2016 PCT/US16/019342 WO\2016/140845 04/28/2015 112016026065-1
COMPRISING A PARTIALLY NEUTRALIZED ESTERIFIED THE DOW CHEMICAL  75835-CN-PCT China CELLULOSE ETHER COMPANY DISPERSION COMPRISING A	04/28/2015 201580027167.X
PARTIALLY NEUTRALIZED ESTERIFIED THE DOW CHEMICAL 7583S-CO-PCT Colombia CELLULOSE ETHER COMPANY	04/28/2015 NC2016/0004924 NC2016/0004924

		DISPERSION COMPRISING A				
		PARTIALLY NEUTRALIZED				
75835-EP-EPT	European Procedure (Patents)	ESTERIFIED CELLULOSE ETHER	THE DOW CHEMICAL COMPANY	04/28/2015	15724401.3	3145498
75055-E1-E11	Troccaire (Facette)	DISPERSION	~~~	04,20,2013	13/24401:3	313430
		COMPRISING A PARTIALLY				
		NEUTRALIZED ESTERIFIED	THE DOW CHEMICAL			
75835-IN-PCT	India	CELLULOSE ETHER	COMPANY	04/28/2015	201617042199	
		DISPERSION COMPRISING A				
		PARTIALLY				
		NEUTRALIZED ESTERIFIED	THE DOW CHEMICAL			
75835-JP-PCT	Japan	CELLULOSE ETHER	COMPANY	04/28/2015	2016-566270	2017-515944 08/10/2017 6190078
		DISPERSION COMPRISING A				
		PARTIALLY				
		NEUTRALIZED ESTERIFIED	THE DOW CHEMICAL			
75835-KR-PCT	SOUTH KOREA	CELLULOSE ETHER DISPERSION	COMPANY	04/28/2015	10-2016-7034127	10-2017-0005833
		COMPRISING A				
		PARTIALLY NEUTRALIZED				
	United States Of	ESTERIFIED	THE DOW CHEMICAL			
75835-US-PCT	America	CELLULOSE ETHER COMPOSITION FOR	COMPANY	11/03/2016	15/308792	2017-0181977
		LITHIUM ION				
75946-CN-PCT	China	BATTERY ELECTRODES	THE DOW CHEMICAL COMPANY	05/19/2014	201480079040.8	106463728
		COMPOSITION FOR				
		LITHIUM ION BATTERY	THE DOW CHEMICAL			
75946-DE-EPT	Germany	ELECTRODES  COMPOSITION FOR	COMPANY	05/19/2014	14892414.5	3146578
		LITHIUM ION				
75946-EP-EPT	European Procedure (Patents)	BATTERY	THE DOW CHEMICAL COMPANY	05/19/2014	14897414 5	3146578
		COMPOSITION FOR		33/13/231		<del></del>
		LITHIUM ION BATTERY	THE DOW CHEMICAL			
75946-JP-PCT	Japan	ELECTRODES	COMPANY	05/19/2014	2016-567914	2017-520885
		COMPOSITION FOR LITHIUM ION				
ZEOVE NO DET	EOLITH KOBEA	BATTERY	THE DOW CHEMICAL	05/10/2014	40 2016 7022000	
75946-KR-PCT	SOUTH KOREA	COMPOSITION FOR	COMPANY	05/19/2014	10-2016-7033990	
	United States Of	LITHIUM ION BATTERY	THE DOW CHEMICAL			
75946-US-PCT	America	ELECTRODES	COMPANY	05/19/2014	15/310824	2017-0084911
		PROCESS FOR PRODUCING A				
		WATER-SOLUBLE				
		CELLULOSE DERIVATIVE HAVING				
		A REDUCED				
		CONTENT OF WATER	THE DOW CHEMICAL			
75958-BE-EPT	Belgium	PARTICLES PROCESS FOR	COMPANY			
		PRODUCING A				
		WATER-SOLUBLE CELLULOSE				
		DERIVATIVE HAVING				
		A REDUCED  CONTENT OF WATER	<b>!</b> -			
7EGEO DO DOT	Brazil	INSOLUBLE PARTICLES	THE DOW CHEMICAL	01/04/2010	113017014354.6	
75958-BR-PCT	Brazil	PARTICLES	COMPANY	01/04/2016	112017014254-6	

75958-CN-PCT China	PROCESS FOR PRODUCING A WATER-SOLUBLE CELLULOSE DERIVATIVE HAVING A REDUCED CONTENT OF WATER INSOLUBLE PARTICLES PROCESS FOR	
	PRODUCING A WATER-SOLUBLE	
	CELLULOSE	
	DERIVATIVE HAVING	i
	A REDUCED CONTENT OF WATER	ą. 1-
	INSOLUBLE	THE DOW CHEMICAL
75958-DE-EPT Germany	PARTICLES PROCESS FOR	COMPANY
	PRODUCING A	
	WATER-SOLUBLE	
	CELLULOSE DERIVATIVE HAVING	
	A REDUCED	
European	CONTENT OF WATER INSOLUBLE	t- The DOW Chemical
	ents) PARTICLES	COMPANY 01/04/2016 16703182.2 3242896
	PROCESS FOR PRODUCING A	
	WATER-SOLUBLE	
	CELLULOSE DERIVATIVE HAVING	
	A REDUCED	
	CONTENT OF WATEI	R- THE DOW CHEMICAL
75958-FR-EPT France	PARTICLES	COMPANY
	PROCESS FOR PRODUCING A WATER-SOLUBLE	
	CELLULOSE  DERIVATIVE HAVING A REDUCED  CONTENT OF WATER	
TERES CRIPTON THE STATE OF	DERIVATIVE HAVING A REDUCED CONTENT OF WATER INSOLUBLE	₹ THE DOW CHEMICAL
75958-GB-EPT United Kingdor	DERIVATIVE HAVING A REDUCED CONTENT OF WATER INSOLUBLE	<del>}</del>
75958-GB-EPT United Kingdor	DERIVATIVE HAVING A REDUCED CONTENT OF WATER INSOLUBLE PARTICLES PROCESS FOR PRODUCING A	₹ THE DOW CHEMICAL
75958-GB-EPT United Kingdor	DERIVATIVE HAVING A REDUCED CONTENT OF WATEI INSOLUBLE PARTICLES PROCESS FOR	₹ THE DOW CHEMICAL
75958-GB-EPT United Kingdor	DERIVATIVE HAVING A REDUCED CONTENT OF WATER INSOLUBLE PARTICLES PROCESS FOR PRODUCING A WATER-SOLUBLE CELLULOSE DERIVATIVE HAVING	THE DOW CHEMICAL COMPANY
75958-GB-EPT United Kingdor	DERIVATIVE HAVING A REDUCED CONTENT OF WATER INSOLUBLE PARTICLES PROCESS FOR PRODUCING A WATER-SOLUBLE CELLULOSE	THE DOW CHEMICAL COMPANY
	DERIVATIVE HAVING A REDUCED CONTENT OF WATEI INSOLUBLE PARTICLES PROCESS FOR PRODUCING A WATER-SOLUBLE CELLULOSE DERIVATIVE HAVING A REDUCED CONTENT OF WATEI INSOLUBLE	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL THE DOW CHEMICAL
75958-GB-EPT United Kingdon 75958-IN-PCT India	DERIVATIVE HAVING A REDUCED CONTENT OF WATEI INSOLUBLE PARTICLES PROCESS FOR PRODUCING A WATER-SOLUBLE CELLULOSE DERIVATIVE HAVING A REDUCED CONTENT OF WATEI INSOLUBLE PARTICLES	THE DOW CHEMICAL COMPANY  3
	DERIVATIVE HAVING A REDUCED CONTENT OF WATER INSOLUBLE PARTICLES PROCESS FOR PRODUCING A WATER-SOLUBLE CELLULOSE DERIVATIVE HAVING A REDUCED CONTENT OF WATER INSOLUBLE PARTICLES PROCESS FOR PRODUCING A	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL THE DOW CHEMICAL
	DERIVATIVE HAVING A REDUCED CONTENT OF WATEI INSOLUBLE PARTICLES PROCESS FOR PRODUCING A WATER-SOLUBLE CELLULOSE DERIVATIVE HAVING A REDUCED CONTENT OF WATEI INSOLUBLE PARTICLES PROCESS FOR PRODUCING A WATER-SOLUBLE	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL THE DOW CHEMICAL
	DERIVATIVE HAVING A REDUCED CONTENT OF WATER INSOLUBLE PARTICLES PROCESS FOR PRODUCING A WATER-SOLUBLE CELLULOSE DERIVATIVE HAVING A REDUCED CONTENT OF WATER INSOLUBLE PARTICLES PROCESS FOR PRODUCING A WATER-SOLUBLE CELLULOSE DERIVATIVE HAVING DERIVATIVE HAVING	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  01/04/2016 201717024859 201717024859
	DERIVATIVE HAVING A REDUCED CONTENT OF WATEI INSOLUBLE PARTICLES PROCESS FOR PRODUCING A WATER-SOLUBLE CELLULOSE DERIVATIVE HAVING A REDUCED CONTENT OF WATEI INSOLUBLE PARTICLES PROCESS FOR PRODUCING A WATER-SOLUBLE CELLULOSE DERIVATIVE HAVING A REDUCED	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  01/04/2016 201717024859  201717024859
75958-IN-PCT India	DERIVATIVE HAVING A REDUCED CONTENT OF WATEI INSOLUBLE PARTICLES PROCESS FOR PRODUCING A WATER-SOLUBLE CELLULOSE DERIVATIVE HAVING A REDUCED CONTENT OF WATEI INSOLUBLE PARTICLES PROCESS FOR PRODUCING A WATER-SOLUBLE CELLULOSE DERIVATIVE HAVING A REDUCED CONTENT OF WATEI INSOLUBLE CELLULOSE DERIVATIVE HAVING A REDUCED CONTENT OF WATEI INSOLUBLE	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  01/04/2016 201717024859  201717024859  THE DOW CHEMICAL THE DOW CHEMICAL THE DOW CHEMICAL
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75958-IN-PCT India	DERIVATIVE HAVING A REDUCED CONTENT OF WATEI INSOLUBLE PARTICLES PROCESS FOR PRODUCING A WATER-SOLUBLE CELLULOSE DERIVATIVE HAVING A REDUCED CONTENT OF WATEI INSOLUBLE PARTICLES PROCESS FOR PRODUCING A WATER-SOLUBLE CELLULOSE DERIVATIVE HAVING A REDUCED CONTENT OF WATEI INSOLUBLE CELLULOSE DERIVATIVE HAVING A REDUCED CONTENT OF WATEI INSOLUBLE PARTICLES PROCESS FOR PRODUCING A	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  01/04/2016 201717024859  201717024859  THE DOW CHEMICAL THE DOW CHEMICAL THE DOW CHEMICAL
75958-IN-PCT India	DERIVATIVE HAVING A REDUCED CONTENT OF WATEI INSOLUBLE PARTICLES PROCESS FOR PRODUCING A WATER-SOLUBLE CELLULOSE DERIVATIVE HAVING A REDUCED CONTENT OF WATEI INSOLUBLE PARTICLES PROCESS FOR PRODUCING A WATER-SOLUBLE CELLULOSE DERIVATIVE HAVING A REDUCED CONTENT OF WATEI INSOLUBLE CELLULOSE DERIVATIVE HAVING A REDUCED CONTENT OF WATEI INSOLUBLE PARTICLES PROCESS FOR	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  01/04/2016 201717024859  201717024859  THE DOW CHEMICAL THE DOW CHEMICAL THE DOW CHEMICAL
75958-IN-PCT India	DERIVATIVE HAVING A REDUCED CONTENT OF WATEI INSOLUBLE PARTICLES PROCESS FOR PRODUCING A WATER-SOLUBLE CELLULOSE DERIVATIVE HAVING A REDUCED CONTENT OF WATEI INSOLUBLE PARTICLES PROCESS FOR PRODUCING A WATER-SOLUBLE CELLULOSE DERIVATIVE HAVING A REDUCED CONTENT OF WATEI INSOLUBLE PARTICLES PROCESS FOR PRODUCING A WATER-SOLUBLE CELLULOSE DERIVATIVE HAVING A REDUCED CONTENT OF WATEI INSOLUBLE PARTICLES PROCESS FOR PRODUCING A WATER-SOLUBLE CELLULOSE DERIVATIVE HAVING CELLULOSE DERIVATIVE HAVING	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  01/04/2016 201717024859 201717024859  THE DOW CHEMICAL COMPANY  01/04/2016 2017-535896  01/12/2018 6271817
75958-IN-PCT India	DERIVATIVE HAVING A REDUCED CONTENT OF WATER INSOLUBLE PARTICLES PROCESS FOR PRODUCING A WATER-SOLUBLE CELLULOSE DERIVATIVE HAVING A REDUCED CONTENT OF WATER INSOLUBLE PARTICLES PROCESS FOR PRODUCING A WATER-SOLUBLE CELLULOSE DERIVATIVE HAVING A REDUCED CONTENT OF WATER INSOLUBLE PARTICLES PROCESS FOR PRODUCING A WATER-SOLUBLE CELLULOSE DERIVATIVE HAVING A REDUCED CONTENT OF WATER INSOLUBLE PARTICLES PROCESS FOR PRODUCING A WATER-SOLUBLE CELLULOSE	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  01/04/2016 201717024859  201717024859  THE DOW CHEMICAL COMPANY  01/04/2016 2017-535896  01/12/2018 6271817
75958-IN-PCT India	DERIVATIVE HAVING A REDUCED CONTENT OF WATER INSOLUBLE PARTICLES PROCESS FOR PRODUCING A WATER-SOLUBLE CELLULOSE DERIVATIVE HAVING A REDUCED CONTENT OF WATER INSOLUBLE PARTICLES PROCESS FOR PRODUCING A WATER-SOLUBLE CELLULOSE DERIVATIVE HAVING A REDUCED CONTENT OF WATER INSOLUBLE PARTICLES PROCESS FOR PRODUCING A WATER-SOLUBLE CELLULOSE DERIVATIVE HAVING A REDUCED CONTENT OF WATER INSOLUBLE PARTICLES PROCESS FOR PRODUCING A WATER-SOLUBLE CELLULOSE DERIVATIVE HAVING A REDUCED	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  01/04/2016 201717024859  201717024859  THE DOW CHEMICAL COMPANY  01/04/2016 2017-535896  01/12/2018 6271817

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75958-SE-EPT Sweden	PARTICLES PROCESS FOR PRODUCING A WATER-SOLUBLE CELLULOSE DERIVATIVE HAVING	THE DOW CHEMICAL COMPANY			
	A REDUCED CONTENT OF WATER-				
		THE DOW CHEMICAL COMPANY	01/04/2016 15/541	.642 2017-03557	82
	NOVEL ESTERIFIED CELLULOSE ETHERS				
75959-BR-PCT Brazil I	OF HIGH MOLECULAR WEIGHT AND HOMOGENEITY NOVEL ESTERIFIED	THE DOW CHEMICAL COMPANY	01/27/2015 112016	i018177-8 1120160181	77-8
75959-BR-PCT Brazil   1	OF HIGH MOLECULAR WEIGHT AND HOMOGENEITY NOVEL ESTERIFIED CELLULOSE ETHERS OF HIGH		01/27/2015 112016	6018177-8 1120160181	77-8
75959-BR-PCT Brazil	OF HIGH MOLECULAR WEIGHT AND HOMOGENEITY NOVEL ESTERIFIED CELLULOSE ETHERS OF HIGH MOLECULAR WEIGHT AND	COMPANY THE DOW CHEMICAL			
75959-BR-PCT Brazil I	OF HIGH MOLECULAR WEIGHT AND HOMOGENEITY NOVEL ESTERIFIED CELLULOSE ETHERS OF HIGH MOLECULAR WEIGHT AND HOMOGENEITY NOVEL ESTERIFIED CELLULOSE ETHERS OF HIGH MOLECULAR	COMPANY	01/27/2015 112016 01/27/2015 201586 01/27/2015 157033	0007734.5	77-8 04/20/2018 201580007734.5
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75959-BR-PCT Brazil  75959-CN-PCT China  European  75959-EP-EPT Procedure (Patents)  75959-IN-PCT India	OF HIGH MOLECULAR WEIGHT AND HOMOGENEITY NOVEL ESTERIFIED CELLULOSE ETHERS OF HIGH MOLECULAR WEIGHT AND HOMOGENEITY NOVEL ESTERIFIED CELLULOSE ETHERS OF HIGH MOLECULAR WEIGHT AND HOMOGENEITY NOVEL ESTERIFIED CELLULOSE ETHERS OF HIGH MOLECULAR WEIGHT AND HOMOGENEITY NOVEL ESTERIFIED CELLULOSE ETHERS OF HIGH MOLECULAR WEIGHT AND HOMOGENEITY NOVEL ESTERIFIED CELLULOSE ETHERS OF HIGH MOLECULAR WEIGHT AND HOMOGENEITY NOVEL ESTERIFIED CELLULOSE ETHERS OF HIGH MOLECULAR WEIGHT AND HOMOGENEITY NOVEL ESTERIFIED CELLULOSE ETHERS OF HIGH MOLECULAR WEIGHT AND HOMOGENEITY NOVEL ESTERIFIED CELLULOSE ETHERS OF HIGH MOLECULAR WEIGHT AND	COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	01/27/2015 20158(	0007734.5 205.3 3107940 7030915 15149 2018-02489	04/20/2018 201580007734.5

NOVEL ESTERIFIED CELLULOSE ETHERS OF HIGH MOLECULAR WEIGHT AND THE DOW CHEMICAL 75959-KR-PCT SOUTH KOREA HOMOGENEITY COMPANY 01/27/2015 10-2016-7024986 10-2016-0124799 NOVEL ESTERIFIED CELLULOSE ETHERS OF HIGH MOLECULAR	***************************************
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MOLECULAR United States Of WEIGHT AND THE DOW CHEMICAL 75959-US-PCT America HOMOGENEITY COMPANY 01/27/2015 15/113921 2016-0347866 DISPERSION	200000000000000000000000000000000000000
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76049-BE-EPT Belgium CELLULOSE ETHER COMPANY 03/03/2015 15711352.3 3129060 04/25/2018 3129060 DISPERSION	
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COMPRISING AN  ESTERIFIED THE DOW CHEMICAL  76049-CN-PCT China CELLULOSE ETHER COMPANY 03/03/2015 201580017617.7	
DISPERSION COMPRISING AN	ŧ.
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ESTERIFIED THE DOW CHEMICAL  76049-FR-EPT France CELLULOSE ETHER COMPANY 03/03/2015 15711352.3 3129060 04/25/2018 3129060	
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COMPRISING AN  ESTERIFIED THE DOW CHEMICAL  76040 ID DCT   Japan CELLULOSE ETHER COMPANY 02/02/2015 2016 E61282 2017 E17502 12/08/2017 6264710	
76049-JP-PCT Japan CELLULOSE ETHER COMPANY 03/03/2015 2016-561283 2017-517592 12/08/2017 6254719 DISPERSION COMPRISING AN	-
ESTERIFIED THE DOW CHEMICAL 76049-KR-PCT SOUTH KOREA CELLULOSE ETHER COMPANY 03/03/2015 10-2016-7029568	20000

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76049-SE-EPT Sweden	ESTERIFIED CELLULOSE ETHER	THE DOW CHEMICAL COMPANY	03/03/2015 15711352.3 3129060 04/25/2018 3129060
	DISPERSION		
United States Of	COMPRISING AN ESTERIFIED	THE DOW CHEMICAL	
76049-US-PCT America	CELLULOSE ETHER	COMPANY	03/03/2015 15/129505 2017-0173159
United States Of	DELIVERING A DRUG TO A MUCOSAL	THE DOW CHEMICAL	
76113-US-PCT America	SURFACE	COMPANY	11/05/2015 15/526027 2017-0319706
International	DELIVERING A DRUG TO A MUCOSAL	THE DOW CHEMICAL	
76113-WO-PCT Procedure	SURFACE	COMPANY	11/05/2015 PCT/US15/059166 WO/2016/081193
	PROCESS FOR FRACTIONATING AN		
70122 PE EDT Beleium	ESTERIFIED	THE DOW CHEMICAL	02/00/2046 46744725 7 2270060
76133-BE-EPT Belgium	CELLULOSE ETHER PROCESS FOR	COMPANY	03/08/2016 16711735.7 3270969
	FRACTIONATING AN	THE DOWN CHEMICAL	
76133-BR-PCT Brazil	ESTERIFIED CELLULOSE ETHER	THE DOW CHEMICAL COMPANY	03/08/2016 1120170180766
	PROCESS FOR		
	FRACTIONATING AN ESTERIFIED	THE DOW CHEMICAL	
76133-CN-PCT China	CELLULOSE ETHER	COMPANY	03/08/2016 201680012758.4 107406520
	PROCESS FOR FRACTIONATING AN		
	ESTERIFIED	THE DOW CHEMICAL	
76133-DE-EPT Germany	PROCESS FOR	COMPANY	03/08/2016 16711735.7 3270969
_	FRACTIONATING AN		
European 76133-EP-EPT Procedure (Patents	ESTERIFIED ) CELLULOSE ETHER	THE DOW CHEMICAL COMPANY	03/08/2016 16711735.7 3270969
	PROCESS FOR		
	FRACTIONATING AN ESTERIFIED	THE DOW CHEMICAL	
76133-GB-EPT United Kingdom	CELLULOSE ETHER	COMPANY	03/08/2016 15711735.7 3270969
	PROCESS FOR FRACTIONATING AN		
	ESTERIFIED	THE DOW CHEMICAL	
76133-IN-PCT India	CELLULOSE ETHER PROCESS FOR	COMPANY	03/08/2016 201717034552 201717034552
	FRACTIONATING AN		
76133-JP-PCT Japan	ESTERIFIED CELLULOSE ETHER	THE DOW CHEMICAL COMPANY	03/08/2016 2017-545584 2018-508632
	PROCESS FOR		
	FRACTIONATING AN ESTERIFIED	THE DOW CHEMICAL	
76133-KR-PCT SOUTH KOREA	CELLULOSE ETHER	COMPANY	03/08/2016 10-2017-7027149 10-2017-0128370
	PROCESS FOR FRACTIONATING AN		
	ESTERIFIED	THE DOW CHEMICAL	
76133-MX-PCT Mexico	CELLULOSE ETHER PROCESS FOR	COMPANY	03/08/2016 MX/a/2017/011092
	FRACTIONATING AN	THE DOLL CLEEN CO.	
76133-SE-EPT Sweden	ESTERIFIED CELLULOSE ETHER	THE DOW CHEMICAL COMPANY	03/08/2016 16711735.7 3270969
	PROCESS FOR		
United States Of	FRACTIONATING AN ESTERIFIED	THE DOW CHEMICAL	
76133-US-PCT America	CELLULOSE ETHER	COMPANY	03/08/2016 15/549858 2018-0030157
	PROCESS FOR FRACTIONATING AN		
International	ESTERIFIED	THE DOW CHEMICAL	palpalpade per lucacionada a lucación como
76133-WO-PCT Procedure	CELLULOSE ETHER CAPSULE SHELLS	COMPANY	03/08/2016 PCT/US16/021322 WO/2016/148975
	COMPRISING AN	THE DOLL OUT YOU	
76158-BR-PCT Brazil	ESTERIFIED CELLULOSE ETHER	THE DOW CHEMICAL COMPANY	04/28/2015 112016026180-1
	CAPSULE SHELLS		
	COMPRISING AN ESTERIFIED	THE DOW CHEMICAL	
76158-CN-PCT China	CELLULOSE ETHER	COMPANY	04/28/2015 201580026963.1

	CAPSULE SHELLS					
	COMPRISING AN ESTERIFIED	THE DOW CHEMICAL				
76158-CO-PCT Colombia	CELLULOSE ETHER	COMPANY	04/28/2015	NC2016/0004933	NC2016/000493	3
	CAPSULE SHELLS COMPRISING AN					
European	ESTERIFIED	THE DOW CHEMICAL				
76158-EP-EPT Procedure (Patents)		COMPANY	04/28/2015	15721953.6	3145496	
	CAPSULE SHELLS COMPRISING AN					
	ESTERIFIED	THE DOW CHEMICAL				
76158-IN-PCT India	CELLULOSE ETHER	COMPANY	04/28/2015	201617042200		
	CAPSULE SHELLS COMPRISING AN					
	ESTERIFIED	THE DOW CHEMICAL				
76158-JP-PCT Japan	CELLULOSE ETHER CAPSULE SHELLS	COMPANY	04/28/2015	2016-567030	2017-515825	08/10/2017 6190080
	COMPRISING AN					
	ESTERIFIED	THE DOW CHEMICAL				
76158-KR-PCT SOUTH KOREA	CELLULOSE ETHER CAPSULE SHELLS	COMPANY	04/28/2015	10-2016-7034017	10-2017-000776	3
	COMPRISING AN					
United States Of 76158-US-PCT America	ESTERIFIED CELLULOSE ETHER	THE DOW CHEMICAL COMPANY	04/28/2015	15/200767	2017 0101076	10/10/2017 0702250
76158-US-PCT America	PROCESS FOR	COMPANI	04/28/2015	13/306/6/	2017-0181976	10/10/2017 9782356
	PREPARING AN					
	ESTERIFIED CELLULOSE ETHER IN					
	THE PRESENCE OF					
76450-BE-EPT Belgium	AN ALIPHATIC CARBOXYLIC ACID	THE DOW CHEMICAL COMPANY	03/08/2016	16711730 1	3270972	
/ogpurbt-rt/ pelsium	PROCESS FOR	COMPANT	03/06/2016	10711730,1	3210372	
	PREPARING AN					
	ESTERIFIED CELLULOSE ETHER IN					
	THE PRESENCE OF					
76450-BR-PCT Brazil	AN ALIPHATIC CARBOXYLIC ACID	THE DOW CHEMICAL COMPANY	03/08/2016	112017018146-0		
	PROCESS FOR					
	PREPARING AN ESTERIFIED					
	CELLULOSE ETHER IN					
	THE PRESENCE OF AN AUPHATIC	THE DOW CHEMICAL				
76450-CN-PCT China	CARBOXYLIC ACID	COMPANY	03/08/2016	201680013498.2	107406521	
	PROCESS FOR PREPARING AN					
	ESTERIFIED					
	CELLULOSE ETHER IN					
	THE PRESENCE OF AN ALIPHATIC	THE DOW CHEMICAL				
76450-DE-EPT Germany	CARBOXYLIC ACID	COMPANY	03/08/2016	16711738.1	3270972	
	PROCESS FOR PREPARING AN					
	ESTERIFIED					
	CELLULOSE ETHER IN THE PRESENCE OF					
European	AN ALIPHATIC	THE DOW CHEMICAL				
76450-EP-EPT Procedure (Patents)	PROCESS FOR	COMPANY	03/08/2016	16711738.1	3270972	
	PREPARING AN					
	ESTERIFIED					
	CELLULOSE ETHER IN THE PRESENCE OF					
ZCAFO CD EDT Holter I Min - J	AN ALIPHATIC	THE DOW CHEMICAL	02/08/2015	16711720 4	2270072	
76450-GB-EPT United Kingdom	CARBOXYLIC ACID PROCESS FOR	COMPANY	03/08/2016	10/11/38.1	3270972	
	PREPARING AN					
	ESTERIFIED CELLULOSE ETHER IN					
	THE PRESENCE OF					
76450-IN-PCT India	AN ALIPHATIC CARBOXYLIC ACID	THE DOW CHEMICAL COMPANY	ກ3/ກ9/ວກ16	201717034553	201717034553	
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PROCESS FOR	
PREPARING AN ESTERIFIED	
CELLULOSE ETHER II	N .
THE PRESENCE OF AN ALIPHATIC	THE DOW CHEMICAL
76450-JP-PCT Japan CARBOXYLIC ACID	COMPANY 03/08/2016 2017-545904 02/23/2018 6295380
PROCESS FOR PREPARING AN	
ESTERIFIED	
CELLULOSE ETHER II THE PRESENCE OF	
AN ALIPHATIC	THE DOW CHEMICAL
76450-KR-PCT SOUTH KOREA CARBOXYLIC ACID PROCESS FOR	COMPANY 03/08/2016 10-2017-7026600 10-2017-0128349
PREPARING AN	
ESTERIFIED CELLULOSE ETHER II	ı.
THE PRESENCE OF	
AN ALIPHATIC 76450-MX-PCT Mexico CARBOXYLIC ACID	THE DOW CHEMICAL  COMPANY  03/08/2016 MX/a/2017/011091
PROCESS FOR	COMPANY 03/08/2016 MX/a/2017/011091
PREPARING AN	
ESTERIFIED CELLULOSE ETHER II	·
THE PRESENCE OF	
AN ALIPHATIC 76450-SE-EPT Sweden CARBOXYLIC ACID	THE DOW CHEMICAL  COMPANY 03/08/2016 16711738.1 3270972
PROCESS FOR	
PREPARING AN ESTERIFIED	
CELLULOSE ETHER II	N .
THE PRESENCE OF United States Of AN ALIPHATIC	THE DOW CHEMICAL
76450-US-PCT America CARBOXYLIC ACID	COMPANY 03/08/2016 15/549877 2018-0030158
PROCESS FOR PREPARING AN	
ESTERIFIED	
CELLULOSE ETHER II THE PRESENCE OF	ų
International AN ALIPHATIC	THE DOW CHEMICAL
76450-WO-PCT Procedure CARBOXYLIC ACID METHOD FOR	COMPANY 03/08/2016 PCT/US16/021334 WO/2016/148978
PREPARING A	
BATTERED OR 76601-BR-PCT Brazil BREADED FOOD	THE DOW CHEMICAL  COMPANY 08/18/2015 BR112017003225-2
METHOD FOR	
PREPARING A BATTERED OR	THE DOW CHEMICAL
76601-CN-PCT China BREADED FOOD	COMPANY 08/18/2015 201580044703.7 106793787
METHOD FOR PREPARING A	
European BATTERED OR	THE DOW CHEMICAL
76601-EP-EPT Procedure (Patents) BREADED FOOD METHOD FOR	COMPANY 08/18/2015 15754400.8 3185686
PREPARING A	
BATTERED OR 76601-IN-PCT India BREADED FOOD	THE DOW CHEMICAL  COMPANY 08/18/2015 201717009167 201717009167
METHOD FOR	
PREPARING A BATTERED OR	THE DOW CHEMICAL
76601-JP-PCT Japan BREADED FOOD	COMPANY 08/18/2015 2017-510385 2017-526360
METHOD FOR PREPARING A	
BATTERED OR	THE DOW CHEMICAL
76601-KR-PCT SOUTH KOREA BREADED FOOD METHOD FOR	COMPANY 08/18/2015 10-2017-7007226 10-2017-0042735
PREPARING A	
United States Of BATTERED OR 76601-US-PCT America BREADED FOOD	THE DOW CHEMICAL  COMPANY 08/18/2015 15/503774 2017-0245507
WATER-SOLUBLE	
ESTERIFIED 76727-BR-PCT Brazil CELLULOSE ETHERS	THE DOW CHEMICAL  COMPANY 03/08/2016 112017018232-7
	77.77.77.77.77.77.77.77.77.77.77.77.77.

	WATER-SOLUBLE ESTERIFIED	THE DOW CHEMICAL	
76727-CH-EPT Switzerland	CELLULOSE ETHERS WATER-SOLUBLE	COMPANY 03/08/2016 16714626.5 3271404	3333 3333
76727-CN-PCT China	ESTERIFIED  CELLULOSE ETHERS  WATER-SOLUBLE	THE DOW CHEMICAL COMPANY 03/08/2016 201680013934.6	
76727-DE-EPT Germany	ESTERIFIED CELLULOSE ETHERS	THE DOW CHEMICAL COMPANY 03/08/2016 16714626.5 3271404	
European	WATER-SOLUBLE ESTERIFIED	THE DOW CHEMICAL	
76727-EP-EPT Procedure (Patent	s) CELLULOSE ETHERS WATER-SOLUBLE	COMPANY 03/08/2016 16714626.5 3271404	
76727-FR-EPT France	ESTERIFIED CELLULOSE ETHERS	THE DOW CHEMICAL COMPANY 03/08/2016 16714626.5 3271404	
	Water-Soluble Esterified	THE DOW CHEMICAL	
76727-GB-EPT United Kingdom	CELLULOSE ETHERS WATER-SOLUBLE	COMPANY 03/08/2016 15714626.5 3271404	9998 9998
76727-IE-EPT Ireland	ESTERIFIED CELLULOSE ETHERS	THE DOW CHEMICAL  COMPANY 03/08/2016 16714626.5 3271404	
	WATER-SOLUBLE ESTERIFIED	THE DOW CHEMICAL	
76727-IN-PCT India	CELLULOSE ETHERS WATER-SOLUBLE	COMPANY 03/08/2016 201717034584 201717034584	
76727-JP-PCT Japan	ESTERIFIED CELLULOSE ETHERS	THE DOW CHEMICAL COMPANY 03/08/2016 2017-545916 06/22/2018 6356923	8888
TOTAL MARKET FOURTHWORKS	WATER-SOLUBLE ESTERIFIED	THE DOW CHEMICAL	
76727-KR-PCT SOUTH KOREA	WATER-SOLUBLE ESTERIFIED	COMPANY 03/08/2016 10-2017-7027150 10-2017-0128371  THE DOW CHEMICAL	8888
76727-MX-PCT Mexico	CELLULOSE ETHERS WATER-SOLUBLE	COMPANY 03/08/2016 MX/a/2017/011090	8888
76727-SE-EPT Sweden	ESTERIFIED CELLULOSE ETHERS	THE DOW CHEMICAL  COMPANY 03/08/2016 16714626.5 3271404	
United States Of	WATER-SOLUBLE ESTERIFIED	THE DOW CHEMICAL	933
76727-US-PCT America	CELLULOSE ETHERS WATER-SOLUBLE	COMPANY 03/08/2016 15/550094 2018-0072818	
76727-US-PCT America International 76727-WO-PCT Procedure			
International	WATER-SOLUBLE ESTERIFIED	COMPANY 03/08/2016 15/550094 2018-0072818  THE DOW CHEMICAL	
International	WATER-SQLUBLE ESTERIFIED CELLULOSE ETHERS AN AQUEOUS	COMPANY 03/08/2016 15/550094 2018-0072818  THE DOW CHEMICAL	
International 76727-WO-PCT Procedure	WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS AN AQUEOUS SOLUTION OF AN ESTERIFIED CELLULOSE ETHER AN AQUEOUS SOLUTION OF AN	COMPANY 03/08/2016 15/550094 2018-0072818  THE DOW CHEMICAL COMPANY 03/08/2016 PCT/US16/021318 WO/2016/148973  THE DOW CHEMICAL COMPANY 03/08/2016 112017018039-1	
International 76727-WO-PCT Procedure	WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS AN AQUEOUS SOLUTION OF AN ESTERIFIED CELLULOSE ETHER AN AQUEOUS SOLUTION OF AN ESTERIFIED CELLULOSE ETHER	COMPANY 03/08/2016 15/550094 2018-0072818  THE DOW CHEMICAL COMPANY 03/08/2016 PCT/US15/021318 WO/2016/148973  THE DOW CHEMICAL	
International 76727-WO-PCT Procedure 76768-BR-PCT Brazil	WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS AN AQUEOUS SOLUTION OF AN ESTERIFIED CELLULOSE ETHER AN AQUEOUS SOLUTION OF AN ESTERIFIED CELLULOSE ETHER AN AQUEOUS SOLUTION OF AN	COMPANY 03/08/2016 15/550094 2018-0072818  THE DOW CHEMICAL COMPANY 03/08/2016 PCT/US16/021318 WO/2016/148973  THE DOW CHEMICAL COMPANY 03/08/2016 112017018039-1  THE DOW CHEMICAL COMPANY 03/08/2016 16714625.7 3270973	
International 76727-WO-PCT Procedure 76768-BR-PCT Brazil	WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS AN AQUEOUS SOLUTION OF AN ESTERIFIED CELLULOSE ETHER AN AQUEOUS SOLUTION OF AN ESTERIFIED CELLULOSE ETHER AN AQUEOUS SOLUTION OF AN ESTERIFIED CELLULOSE ETHER CELLULOSE ETHER CELLULOSE ETHER	COMPANY 03/08/2016 15/550094 2018-0072818  THE DOW CHEMICAL COMPANY 03/08/2016 PCT/US16/021318 WO/2016/148973  THE DOW CHEMICAL COMPANY 03/08/2016 112017018039-1  THE DOW CHEMICAL	
International 76727-WO-PCT Procedure  76768-BR-PCT Brazil  76768-CH-EPT Switzerland	WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS AN AQUEOUS SOLUTION OF AN ESTERIFIED CELLULOSE ETHER AN AQUEOUS SOLUTION OF AN	COMPANY         03/08/2016 15/550094         2018-0072818           THE DOW CHEMICAL COMPANY         03/08/2016 PCT/US16/021318         WO/2016/148973           THE DOW CHEMICAL COMPANY         03/08/2016 112017018039-1         3270973           THE DOW CHEMICAL COMPANY         03/08/2016 16714625.7         3270973           THE DOW CHEMICAL COMPANY         03/08/2016 201680013457.3         107427467	
International 76727-WO-PCT Procedure  76768-BR-PCT Brazil  76768-CH-EPT Switzerland	WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS AN AQUEOUS SOLUTION OF AN ESTERIFIED CELLULOSE ETHER AN AQUEOUS SOLUTION OF AN ESTERIFIED CELLULOSE ETHER AN AQUEOUS SOLUTION OF AN ESTERIFIED CELLULOSE ETHER AN AQUEOUS CELLULOSE ETHER AN AQUEOUS	COMPANY 03/08/2016 15/550094 2018-0072818  THE DOW CHEMICAL COMPANY 03/08/2016 PCT/US15/021318 WO/2016/148973  THE DOW CHEMICAL COMPANY 03/08/2016 112017018039-1  THE DOW CHEMICAL COMPANY 03/08/2016 16714625.7 3270973  THE DOW CHEMICAL	
International 76727-WO-PCT Procedure  76768-BR-PCT Brazil  76768-CH-EPT Switzerland  76768-CN-PCT China	WATER SOLUBLE ESTERIFIED CELLULOSE ETHERS AN AQUEOUS SOLUTION OF AN ESTERIFIED CELLULOSE ETHER CELLULOSE ETHER	COMPANY 03/08/2016 15/550094 2018-0072818  THE DOW CHEMICAL COMPANY 03/08/2016 PCT/US16/021318 WO/2016/148973  THE DOW CHEMICAL COMPANY 03/08/2016 112017018039-1  THE DOW CHEMICAL COMPANY 03/08/2016 16714625.7 3270973  THE DOW CHEMICAL COMPANY 03/08/2016 201680013457.3 107427467	
International 76727-WO-PCT Procedure  76768-BR-PCT Brazil  76768-CH-EPT Switzerland  76768-CN-PCT China  76768-DE-EPT Germany  European	WATER SOLUBLE ESTERIFIED CELLULOSE ETHERS AN AQUEOUS SOLUTION OF AN ESTERIFIED CELLULOSE ETHER AN AQUEOUS SOLUTION OF AN	COMPANY 03/08/2016 15/550094 2018-0072818  THE DOW CHEMICAL COMPANY 03/08/2016 PCT/US16/021318 WO/2016/148973  THE DOW CHEMICAL COMPANY 03/08/2016 112017018039-1  THE DOW CHEMICAL COMPANY 03/08/2016 16714625.7 3270973  THE DOW CHEMICAL COMPANY 03/08/2016 201680013457.3 107427467  THE DOW CHEMICAL COMPANY 03/08/2016 16714625.7 3270973	
International 76727-WO-PCT Procedure  76768-BR-PCT Brazil  76768-CH-EPT Switzerland  76768-CN-PCT China  76768-DE-EPT Germany  European 76768-EP-EPT Procedure (Patent	WATER SOLUBLE ESTERIFIED CELLULOSE ETHERS AN AQUEOUS SOLUTION OF AN ESTERIFIED CELLULOSE ETHER AN AQUEOUS SOLUTION OF AN ESTERIFIED	THE DOW CHEMICAL COMPANY 03/08/2016 15/550094 2018-0072818  THE DOW CHEMICAL COMPANY 03/08/2016 PCT/US16/021318 WO/2016/148973  THE DOW CHEMICAL COMPANY 03/08/2016 112017018039-1  THE DOW CHEMICAL COMPANY 03/08/2016 16714625.7 3270973  THE DOW CHEMICAL COMPANY 03/08/2016 16714625.7 3270973	
International 76727-WO-PCT Procedure  76768-BR-PCT Brazil  76768-CH-EPT Switzerland  76768-CN-PCT China  76768-DE-EPT Germany  European	WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS AN AQUEOUS SOLUTION OF AN ESTERIFIED CELLULOSE ETHER AN AQUEOUS SOLUTION OF AN ESTERIFIED SOLUTION OF AN ESTERIFIED SOLUTION OF AN ESTERIFIED SOLUTION OF AN ESTERIFIED CELLULOSE ETHER AN AQUEOUS SOLUTION OF AN ESTERIFIED CELLULOSE ETHER AN AQUEOUS	COMPANY 03/08/2016 15/550094 2018-0072818  THE DOW CHEMICAL COMPANY 03/08/2016 PCT/US16/021318 WO/2016/148973  THE DOW CHEMICAL COMPANY 03/08/2016 112017018039-1  THE DOW CHEMICAL COMPANY 03/08/2016 16714625.7 3270973	
International 76727-WO-PCT Procedure  76768-BR-PCT Brazil  76768-CH-EPT Switzerland  76768-CN-PCT China  76768-DE-EPT Germany  European 76768-EP-EPT Procedure (Patent	WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS AN AQUEOUS SOLUTION OF AN ESTERIFIED CELLULOSE ETHER AN AQUEOUS SOLUTION OF AN ESTERIFIED SOLUTION OF AN ESTERIFIED CELLULOSE ETHER AN AQUEOUS SOLUTION OF AN ESTERIFIED	THE DOW CHEMICAL COMPANY 03/08/2016 15/550094 2018-0072818  THE DOW CHEMICAL COMPANY 03/08/2016 112017018039-1  THE DOW CHEMICAL COMPANY 03/08/2016 16714625.7 3270973	
International 76727-WO-PCT Procedure  76768-BR-PCT Brazil  76768-CH-EPT Switzerland  76768-CN-PCT China  76768-DE-EPT Germany  European 76768-EP-EPT Procedure (Patent	WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS AN AQUEOUS SOLUTION OF AN ESTERIFIED CELLULOSE ETHER AN AQUEOUS SOLUTION OF AN ESTERIFIED SOLUTION OF AN ESTERIFIED CELLULOSE ETHER AN AQUEOUS	THE DOW CHEMICAL COMPANY 03/08/2016 15/550094 2018-0072818  THE DOW CHEMICAL COMPANY 03/08/2016 112017018039-1  THE DOW CHEMICAL COMPANY 03/08/2016 16714625.7 3270973	
International 76727-WO-PCT Procedure  76768-BR-PCT Brazil  76768-CH-EPT Switzerland  76768-CN-PCT China  76768-DE-EPT Germany  European 76768-EP-EPT Procedure (Patent	WATER SOLUBLE ESTERIFIED CELLULOSE ETHERS AN AQUEOUS SOLUTION OF AN ESTERIFIED CELLULOSE ETHER AN AQUEOUS SOLUTION OF AN ESTERIFIED SI CELLULOSE ETHER AN AQUEOUS SOLUTION OF AN ESTERIFIED CELLULOSE ETHER	THE DOW CHEMICAL COMPANY 03/08/2016 15/550094 2018-0072818  THE DOW CHEMICAL COMPANY 03/08/2016 112017018039-1  THE DOW CHEMICAL COMPANY 03/08/2016 16714625.7 3270973	

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		SOLUTION OF AN ESTERIFIED	THE DOW CHEMICAL		
76768-IN-PCT	India	CELLULOSE ETHER	COMPANY	03/08/2016 201717034585	201717034585
		AN AQUEOUS			
		SOLUTION OF AN ESTERIFIED	THE DOW CHEMICAL		
76768-JP-PCT	Japan	CELLULOSE ETHER	COMPANY	03/08/2016 2017-545917	2018-510853 07/20/2018 6371482
		AN AQUEOUS			
		SOLUTION OF AN ESTERIFIED	THE DOW CHEMICAL		
76768-KR-PCT	SOUTH KOREA	CELLULOSE ETHER	COMPANY	03/08/2016 10-2017-7026602	10-2017-0128350
		AN AQUEOUS			
		SOLUTION OF AN ESTERIFIED	THE DOW CHEMICAL		
76768-MX-PCT	Mexico	CELLULOSE ETHER	COMPANY	03/08/2016 MX/a/2017/011096	
		AN AQUEOUS			
		SOLUTION OF AN ESTERIFIED	THE DOW CHEMICAL		
76768-SE-EPT	Sweden	CELLULOSE ETHER	COMPANY	03/08/2016 16714625.7	3270973
		AN AQUEOUS			
	United States Of	SOLUTION OF AN ESTERIFIED	THE DOW CHEMICAL		
76768-US-PCT	America	CELLULOSE ETHER	COMPANY	03/08/2016 15/550096	2018-0071396
		AN AQUEOUS			
	International	SOLUTION OF AN	THE DOW CHEMICAL		
76768-WO-PCT	International Procedure	ESTERIFIED CELLULOSE ETHER	COMPANY	03/08/2016 PCT/US16/021313	WO/2016/148970
		METHOD OF	THE DOW CHEMICAL		,
76896-BR-PCT	Brazil	MAKING OLEOGEL	COMPANY	03/27/2017 PCT/US17/024263	
76896-CN-PCT	China	METHOD OF MAKING OLEOGEL	THE DOW CHEMICAL COMPANY	03/27/2017 PCT/US17/024263	
TEGOS ED ENT	European	METHOD OF	THE DOW CHEMICAL	02/02/2043 43746500 B	
76896-EP-EPT	Procedure (Patents	) MAKING OLEOGEL  METHOD OF	COMPANY THE DOW CHEMICAL	03/27/2017 17716699.8	
76896-IN-PCT	India	MAKING OLEOGEL	COMPANY	03/27/2017 PCT/US17/024263	
acaoc in not	1	METHOD OF	THE DOW CHEMICAL	03/03/2043 2048 543250	
76896-JP-PCT	Japan	MAKING OLEOGEL METHOD OF	COMPANY THE DOW CHEMICAL	03/27/2017 2018-547258	
76896-KR-PCT	SOUTH KOREA	MAKING OLEOGEL	COMPANY	03/27/2017 PCT/US17/024263	
76906 HC DCT	United States Of	METHOD OF	THE DOW CHEMICAL COMPANY	03/37/2017 1 <i>E (</i> 093170	
76896-US-PCT	America International	MAKING OLEOGEL METHOD OF	THE DOW CHEMICAL	03/27/2017 16/083179	
76896-WO-PCT	Procedure	MAKING OLEOGEL	COMPANY	03/27/2017 PCT/US17/024263	WO/2017/172590
		WATER-SOLUBLE			
		ESTERIFIED CELLULOSE ETHERS			
		HAVING A LOW			
Trace on per	S	DEGREE OF	THE DOW CHEMICAL	03/00/0046 440047040360 7	
76953-BR-PCT	Brazil	NEUTRALIZATION WATER-SOLUBLE	COMPANY	03/08/2016 112017018260-2	
		ESTERIFIED			
		CELLULOSE ETHERS			
		HAVING A LOW DEGREE OF	THE DOW CHEMICAL		
76953-CH-EPT	Switzerland	NEUTRALIZATION	COMPANY	03/08/2016 16711737.3	3270971
		WATER-SOLUBLE			
		ESTERIFIED CELLULOSE ETHERS			
		HAVING A LOW			
76060 CKI BAT	China	DEGREE OF	THE DOW CHEMICAL	A2/A0/JA16 3A1/2004434643	107/19947
76953-CN-PCT	China	NEUTRALIZATION WATER-SOLUBLE	COMPANY	03/08/2016 201680013459.2	107428847
		ESTERIFIED			
		CELLULOSE ETHERS			
		HAVING A LOW DEGREE OF	THE DOW CHEMICAL		
76953-CO-PCT	Colombia	NEUTRALIZATION	COMPANY	03/08/2016 NC2017/0010191	NC2017/0010191

		WATER-SOLUBLE			
		ESTERIFIED			
		CELLULOSE ETHERS			
		HAVING A LOW			
		DEGREE OF	THE DOW CHEMICAL		
76953-DE-EPT	Germany	NEUTRALIZATION	COMPANY	03/08/2016 16711737.3	3270971
2007070707070700000000		WATER-SOLUBLE		***	
		ESTERIFIED			
		CELLULOSE ETHERS			
		HAVING A LOW			
	Europoon		THE DOM/PHENNIPAL		
300E3 ED EDT	European	DEGREE OF	THE DOW CHEMICAL	22/02/2016 16711727 2	2270074
76953-EP-EPT	Procedure (Patents		COMPANY	03/08/2016 16711737.3	3270971
		WATER-SOLUBLE			
		ESTERIFIED			
		CELLULOSE ETHERS			
		HAVING A LOW			
		DEGREE OF	THE DOW CHEMICAL		
76953-FR-EPT	France	NEUTRALIZATION	COMPANY	03/08/2016 16711737.3	3270971
		WATER-SOLUBLE			
		ESTERIFIED			
		CELLULOSE ETHERS			
		HAVING A LOW			
		DEGREE OF	THE DOW CHEMICAL		
700E2 CD EDT	United Kingdom	NEUTRALIZATION	19997777	22/09/2016 16711727 2	2270071
76953-GB-EPT	United Kingdom	WATER-SOLUBLE	COMPANY	03/08/2016 16711737.3	3270971
		ESTERIFIED			
		CELLULOSE ETHERS			
		HAVING A LOW			
		DEGREE OF	THE DOW CHEMICAL		
76953-IE-EPT	Ireland	NEUTRALIZATION	COMPANY	03/08/2016 16711737.3	3270971
		WATER-SOLUBLE			
		ESTERIFIED			
		CELLULOSE ETHERS			
		HAVING A LOW			
		DEGREE OF	THE DOW CHEMICAL		
76953-IN-PCT	India	NEUTRALIZATION	COMPANY	03/08/2016 201717035131	201717035131
		WATER-SOLUBLE			
		ESTERIFIED			
		CELLULOSE ETHERS			
		HAVING A LOW			
		DEGREE OF			
76953-JP-PCT			THE DOWN CHEMICAL		
	lanan		THE DOW CHEMICAL	13/08/2016 2017 <u>-5459</u> 12	06/22/2018 6356922
100000000000000000000000000000000000000	Japan	NEUTRALIZATION		03/08/2016 2017-545912	06/22/2018 6356922
	Japan	NEUTRALIZATION WATER-SOLUBLE		03/08/2016 2017-545912	06/22/2018: 6356922
	Japan	NEUTRALIZATION WATER-SOLUBLE ESTERIFIED		03/08/2016 2017-545912	06/22/2018 6356922
	Japan	NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS		03/08/2016 2017-545912	06/22/2018 6356922
	Japan	NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW	COMPANY	33/08/2016 2017-545912	06/22/2018: 6356922
		NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF	COMPANY THE DOW CHEMICAL		
76953-KR-PCT	Japan SOUTH KOREA	NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION	COMPANY THE DOW CHEMICAL	03/08/2016 2017-545912	06/22/2018 6356922 10-2017-0128358
		NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION WATER-SOLUBLE	COMPANY THE DOW CHEMICAL		
		NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION WATER-SOLUBLE ESTERIFIED	COMPANY THE DOW CHEMICAL		
		NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS	COMPANY THE DOW CHEMICAL		
		NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW	COMPANY THE DOW CHEMICAL COMPANY		
76953-KR-PCT		NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF	COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	03/08/2016 10-2017-7026780	10-2017-0128358
		NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW	COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL		10-2017-0128358
76953-KR-PCT	SOUTH KOREA	NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF	COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	03/08/2016 10-2017-7026780	10-2017-0128358
76953-KR-PCT	SOUTH KOREA	NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION	COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	03/08/2016 10-2017-7026780	10-2017-0128358
76953-KR-PCT	SOUTH KOREA	NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION WATER-SOLUBLE	COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	03/08/2016 10-2017-7026780	10-2017-0128358
76953-KR-PCT	SOUTH KOREA	NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION WATER-SOLUBLE ESTERIFIED	COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	03/08/2016 10-2017-7026780	10-2017-0128358
76953-KR-PCT	SOUTH KOREA	NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS	COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	03/08/2016 10-2017-7026780	10-2017-0128358
76953-KR-PCT 76953-MX-PCT	SOUTH KOREA	NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL	03/08/2016 10-2017-7026780 03/08/2016 MX/a/2017/011095	10-2017-0128358
76953-KR-PCT	SOUTH KOREA  Mexico	NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL	03/08/2016 10-2017-7026780	10-2017-0128358
76953-KR-PCT 76953-MX-PCT	SOUTH KOREA  Mexico	NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION WATER-SOLUBLE	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL	03/08/2016 10-2017-7026780 03/08/2016 MX/a/2017/011095	10-2017-0128358
76953-KR-PCT 76953-MX-PCT	SOUTH KOREA  Mexico	NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION WATER-SOLUBLE ESTERIFIED NEUTRALIZATION WATER-SOLUBLE ESTERIFIED	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL	03/08/2016 10-2017-7026780 03/08/2016 MX/a/2017/011095	10-2017-0128358
76953-KR-PCT 76953-MX-PCT	SOUTH KOREA  Mexico	NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL	03/08/2016 10-2017-7026780 03/08/2016 MX/a/2017/011095	10-2017-0128358
76953-KR-PCT 76953-MX-PCT	SOUTH KOREA  Mexico  Sweden	NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	03/08/2016 10-2017-7026780 03/08/2016 MX/a/2017/011095	10-2017-0128358
76953-KR-PCT 76953-MX-PCT 76953-SE-EPT	SOUTH KOREA  Mexico  Sweden  United States Of	NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	03/08/2016 10-2017-7026780 03/08/2016 MX/a/2017/011095 03/08/2016 16711737.3	10-2017-0128358 3270971
76953-KR-PCT 76953-MX-PCT	SOUTH KOREA  Mexico  Sweden	NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	03/08/2016 10-2017-7026780 03/08/2016 MX/a/2017/011095	10-2017-0128358
76953-KR-PCT 76953-MX-PCT 76953-SE-EPT	SOUTH KOREA  Mexico  Sweden  United States Of	NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION WATER-SOLUBLE	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	03/08/2016 10-2017-7026780 03/08/2016 MX/a/2017/011095 03/08/2016 16711737.3	10-2017-0128358 3270971
76953-KR-PCT 76953-MX-PCT 76953-SE-EPT	SOUTH KOREA  Mexico  Sweden  United States Of	NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION WATER-SOLUBLE ESTERIFIED NEUTRALIZATION WATER-SOLUBLE	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	03/08/2016 10-2017-7026780 03/08/2016 MX/a/2017/011095 03/08/2016 16711737.3	10-2017-0128358 3270971
76953-KR-PCT 76953-MX-PCT 76953-SE-EPT	SOUTH KOREA  Mexico  Sweden  United States Of	NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	03/08/2016 10-2017-7026780 03/08/2016 MX/a/2017/011095 03/08/2016 16711737.3	10-2017-0128358 3270971
76953-KR-PCT 76953-MX-PCT 76953-SE-EPT	SOUTH KOREA  Mexico  Sweden  United States Of America	NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	03/08/2016 10-2017-7026780 03/08/2016 MX/a/2017/011095 03/08/2016 16711737.3	10-2017-0128358 3270971
76953-MX-PCT 76953-SE-EPT 76953-US-PCT	SOUTH KOREA  Mexico  Sweden  United States Of America	NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	03/08/2016 10-2017-7026780 03/08/2016 MX/a/2017/011095 03/08/2016 16711737.3	10-2017-0128358 3270971 2018-0072819
76953-KR-PCT 76953-MX-PCT 76953-SE-EPT	SOUTH KOREA  Mexico  Sweden  United States Of America	NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW DEGREE OF NEUTRALIZATION WATER-SOLUBLE ESTERIFIED CELLULOSE ETHERS HAVING A LOW	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	03/08/2016 10-2017-7026780 03/08/2016 MX/a/2017/011095 03/08/2016 16711737.3	10-2017-0128358 3270971

PROCESS FOR
PRODUCING
DISPERSION OF ESTERIFIED THE DOW CHEMICAL
77273-BR-PCT Brazil CULLULOSE ETHER COMPANY 07/08/2016 112018001792-2
PROCESS FOR PRODUCING
DISPERSION OF
ESTERIFIED THE DOW CHEMICAL 77273-CN-PCT China CULLULOSE ETHER COMPANY 07/08/2016 201680044088.4 107849152
PROCESS FOR
PRODUCING DISPERSION OF
European ESTERIFIED THE DOW CHEMICAL
77273-EP-EPT Procedure (Patents) CULLULOSE ETHER COMPANY 07/08/2016 16741217.0 3328899 PROCESS FOR
PRODUCING
DISPERSION OF ESTERIFIED THE DOW CHEMICAL
77273-IN-PCT India CULLULOSE ETHER COMPANY 07/08/2016 201817005309 201817005309
PROCESS FOR PRODUCING
DISPERSION OF
ESTERIFIED THE DOW CHEMICAL 77273-JP-PCT Japan CULLULOSE ETHER COMPANY 07/08/2016 2018-503755
PROCESS FOR
PRODUCING DISPERSION OF
ESTERIFIED THE DOW CHEMICAL
77273-KR-PCT SOUTH KOREA CULLULOSE ETHER COMPANY 07/08/2016 10-2018-7004208 10-2018-0036724  PROCESS FOR
PRODUCING
DISPERSION OF United States Of ESTERIFIED THE DOW CHEMICAL
77273-US-PCT America CULLULOSE ETHER COMPANY 07/08/2016 15/746207 US-2018-0215880-A1
GELLING ESTERIFIED THE DOW CHEMICAL  77417-BR-PCT Brazil CELLULOSE ETHERS COMPANY 03/08/2016 112017018367-6
GELLING ESTERIFIED THE DOW CHEMICAL
77417-CH-EPT Switzerland CELLULOSE ETHERS COMPANY 03/08/2016 16711736.5 3270970  GELLING ESTERIFIED THE DOW CHEMICAL
77417-CN-PCT China CELLULOSE ETHERS COMPANY 03/08/2016 201680013500.6 GELLING ESTERIFIED THE DOW CHEMICAL
77417-CO-PCT Colombia CELLULOSE ETHERS COMPANY 03/08/2016 NC2017/0009910
GELLING ESTERIFIED THE DOW CHEMICAL 77417-DE-EPT Germany CELLULOSE ETHERS COMPANY 03/08/2016 16711736.5 3270970
77417-DE-EFT GERMANY CEECOGSE ETHERS SEAWN-MVI 05/06/2010 10/11/30.3 32/03/0
European GELLING ESTERIFIED THE DOW CHEMICAL 77417-EP-EPT Procedure {Patents} CELLULOSE ETHERS COMPANY 03/08/2016 16711736.5 3270970
GELLING ESTERIFIED THE DOW CHEMICAL
77417-FR-EPT France CELLULOSE ETHERS COMPANY 03/08/2016 16711736.5 3270970  GELLING ESTERIFIED THE DOW CHEMICAL
77417-GB-EPT United Kingdom CELLULOSE ETHERS COMPANY 03/08/2016 16711736.5 3270970
GELLING ESTERIFIED THE DOW CHEMICAL 77417-IE-EPT Ireland CELLULOSE ETHERS COMPANY 03/08/2016 16711736.5 3270970
GELLING ESTERIFIED THE DOW CHEMICAL
77417-IN-PCT India CELLULOSE ETHERS COMPANY 03/08/2016 201717035134 201717035134 GELLING ESTERIFIED THE DOW CHEMICAL
77417-JP-PCT Japan CELLULOSE ETHERS COMPANY 03/08/2016 2017-548127 07/20/2018 6371483
GELLING ESTERIFIED THE DOW CHEMICAL 77417-KR-PCT SOUTH KOREA CELLULOSE ETHERS COMPANY 03/08/2016 10-2017-7026763 10-2017-0128355
GELLING ESTERIFIED THE DOW CHEMICAL
77417-MX-PCT Mexico CELLULOSE ETHERS COMPANY 03/08/2016 MX/a/2017/011128  GELLING ESTERIFIED THE DOW CHEMICAL
77417-SE-EPT Sweden CELLULOSE ETHERS COMPANY 03/08/2016 16711736.5 3270970 United States Of GELLING ESTERIFIED THE DOW CHEMICAL
77417-US-PCT America CELLULOSE ETHERS COMPANY 03/08/2016 15/550109 2018-0072820
International GELLING ESTERIFIED THE DOW CHEMICAL 77417-WO-PCT Procedure CELLULOSE ETHERS COMPANY 03/08/2016 PCT/US16/021325 WO/2016/148976
03/00/2019 FC//0310/051320 WO/2019/1403/0



		AQUEOUS	
		COMPOSITION	
		COMPRISING	
		DISPERSED ESTERIFIED	THE DOW CHEMICAL
77672-JP-PCT		CELLULOSE ETHER	COMPANY 09/29/2016: 2018-514844
77072317101	Japan	AQUEOUS	OM (A) (3) (2) (2010 - 2010 - 32 + 9 + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4
		COMPOSITION	
		COMPRISING	
		DISPERSED	
		ESTERIFIED	THE DOW CHEMICAL
77672-KR-PCT	SOUTH KOREA	CELLULOSE ETHER	COMPANY 09/29/2016 10-2018-7010392
		AQUEOUS	
		COMPOSITION	
		COMPRISING DISPERSED	
	United States Of	ESTERIFIED	THE DOW CHEMICAL
77672-US-PCT		CELLULOSE ETHER	COMPANY 09/29/2016 15/764498
		AQUEOUS	
		COMPOSITION	
		COMPRISING	
		DISPERSED	
77073 WO DCT	International	ESTERIFIED CELLULOSE ETHER	THE DOW CHEMICAL
77672-WO-PCT	Procedure	CELLULOSE ETHER COMPOSITION	COMPANY 09/29/2016 PCT/US16/054271 WO/2017/058973
		CONTAINING	
		CATIONIC	
		HYDROXYETHYL	THE DOW CHEMICAL
77677-BR-PCT	Brazil	CELLULOSE	COMPANY 03/28/2016 112017020454-1
		COMPOSITION	
		CONTAINING	
		CATIONIC HYDROXYETHYL	THE DOW CHEMICAL
77677-CN-PCT	China	CELLULOSE	COMPANY 03/28/2016 201680019519.1 107428846
		COMPOSITION	
		CONTAINING	
		CATIONIC	
	European	HYDROXYETHYL	THE DOW CHEMICAL
77677-EP-EPT	Procedure (Patents)		COMPANY 03/28/2016 16715711.4 3277728
		COMPOSITION CONTAINING	
		CATIONIC	
		HYDROXYETHYL	THE DOW CHEMICAL
77677-IN-PCT	India	CELLULOSE	COMPANY 03/28/2016 201717038529 201717038529
		COMPOSITION	
		CONTAINING	
		CATIONIC	The second state of the se
77677 ID DCT	lange	HYDROXYETHYL	THE DOW CHEMICAL COMPANY 03/28/2016 2017-550256 2018-510169
77677-JP-PCT	Japan	CELLULOSE COMPOSITION	COMPANY 03/28/2016 2017-550256 2018-510169
		CONTAINING	
		CATIONIC	
		HYDROXYETHYL	THE DOW CHEMICAL
77677-KR-PCT	SOUTH KOREA	CELLULOSE	COMPANY 03/28/2016 10-2017-7029976
		COMPOSITION	
		CONTAINING CATIONIC	
	United States Of	HYDROXYETHYL	THE DOW CHEMICAL
77677-US-PCT	America	CELLULOSE	COMPANY 03/28/2016 15/563020
		COMPOSITION	
		CONTAINING	
		CATIONIC	
77677 1410 50-	International	HYDROXYETHYL	THE DOW CHEMICAL
77677-WO-PCT	Procedure	CELLULOSE ETHYL CELLULOSE	COMPANY 03/28/2016 PCT/US16/024491 WO/2016/160688
		OLEOGEL	THE DOW CHEMICAL
77807-BR-PCT	Brazil	DISPERSION	COMPANY 03/27/2017 PCT/US17/024267
		ETHYL CELLULOSE	
		OLEOGEL	THE DOW CHEMICAL
77807-CN-PCT	China	DISPERSION	COMPANY 03/27/2017 PCT/US17/024267
	Filiana	ETHYL CELLULOSE	THE POWER HEALTH
77807-EP-EPT	European Procedure (Patents)	OLEOGEL DISPERSION	THE DOW CHEMICAL COMPANY 03/27/2017 17717026.3
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		ETHYL CELLULOSE			
		OLEOGEL	THE DOW CHEMICAL		
77807-IN-PCT	India	DISPERSION	COMPANY	03/27/2017 PCT/US17/024267	
		ETHYL CELLULOSE			
		OLEOGEL	THE DOW CHEMICAL		
77807-JP-PCT	Japan	DISPERSION	COMPANY	03/27/2017 2018-547335	
		ETHYL CELLULOSE OLEOGEL	THE DOW CHEMICAL		
77807-KR-PCT	SOUTH KOREA	DISPERSION	COMPANY	03/27/2017 PCT/US17/024267	
77807-111-1 -	JOOTH ROKEA	ETHYL CELLULOSE	COMPANI	03/27/2017 1 61/0317/024207	
	United States Of	OLEOGEL	THE DOW CHEMICAL		
77807-US-PCT	America	DISPERSION	COMPANY	03/27/2017 16/083182	
		ETHYL CELLULOSE			
	International	OLEOGEL	THE DOW CHEMICAL		
77807-WO-PCT	Procedure	DISPERSION	COMPANY	03/27/2017 PCT/US17/024267	WO/2017/172594
		CELLULOSE ETHER	THE DOW CHEMICAL		
77842-BR-PCT	Brazil	POWDERS	COMPANY	05/26/2016 112017025103-5	
77042 CN DCT	China	CELLULOSE ETHER	THE DOW CHEMICAL	05/20/20/0 20/000207/0 5	407007424
77842-CN-PCT	China	POWDERS	COMPANY	05/26/2016 201680029719.5	107667121
	European	CELLULOSE ETHER	THE DOW CHEMICAL		
77842-EP-EPT	Procedure (Patents)		COMPANY	05/26/2016 16727603.9	3303407
		CELLULOSE ETHER	THE DOW CHEMICAL		
77842-IN-PCT	India	POWDERS	COMPANY	05/26/2016 201717045995	201717045995
		CELLULOSE ETHER	THE DOW CHEMICAL		
77842-JP-PCT	Japan	POWDERS	COMPANY	05/26/2016 2017-562326	2018-518569
		CELLULOSE ETHER	THE DOW CHEMICAL		
77842-KR-PCT	SOUTH KOREA	POWDERS	COMPANY	05/26/2016 10-2017-7036523	
	United States Of	CELLULOSE ETHER	THE DOW CHEMICAL		
77842-US-PCT	America International	POWDERS	COMPANY	05/26/2016 15/574496	20180134811
77842-WO-PCT	Procedure	CELLULOSE ETHER POWDERS	THE DOW CHEMICAL COMPANY	05/26/2016 PCT/US16/034222	WO/2016/196153
77842-WO-FC1	Trocedure	WATER-	SOME THE	03/20/2010 FC1/0310/034222	WO/2010/190133
		REDISPERSIBLE	THE DOW CHEMICAL		
77843-CN-PCT	China	POLYMER POWDER	COMPANY	09/12/2016 201680049836.8	
		WATER-			
	European	REDISPERSIBLE	THE DOW CHEMICAL		
77843-EP-EPT	Procedure (Patents)	POLYMER POWDER	COMPANY	09/12/2016 16770843.7	3349801
		WATER-			
77047 IN NOT		REDISPERSIBLE	THE DOW CHEMICAL	00 1/2 1204 6 204 9 64 24 4 2	
77843-JP-PCT	Japan	POLYMER POWDER WATER-	COMPANY	09/12/2016 2018-512147	
		REDISPERSIBLE	THE DOW CHEMICAL		
77843-KR-PCT	SOUTH KOREA	POLYMER POWDER	COMPANY	09/12/2016 10-2018-7009058	
		WATER-		,,	
	United States Of	REDISPERSIBLE	THE DOW CHEMICAL		
77843-US-PCT	America	POLYMER POWDER	COMPANY	09/12/2016 15/755625	US-2018-0244860-A1
		COMPOSITIONS			
		COMPRISING			
		CELLULOSE ETHERS AND WATER-			
			THE DOW CHEMICAL		
78060-BR-PCT	Brazil	CELLULOSE ETHERS	COMPANY	11/15/2016 112018010354-3	
70000 51(10)	Didzii	SEESESSE ETHERS	VVIII.	11,13,2010 11201001033-7 3	
		COMPOSITIONS			
		COMPRISING			
		CELLULOSE ETHERS			
		AND WATER-			
70000 01: 000	Chiu		THE DOW CHEMICAL	44 45 43045 30550005554	400040455
78060-CN-PCT	China	CELLULOSE ETHERS	COMPANY	11/15/2016 201680067744.2	108348466
		COMPOSITIONS			
		COMPRISING			
		CELLULOSE ETHERS			
		AND WATER-			
	European		THE DOW CHEMICAL		
78060-EP-EPT	Procedure (Patents)	CELLULOSE ETHERS	COMPANY	11/15/2016 16810134.3	

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

		AQUEOUS SOLUTION			
TOTAL LIE DOT	United States Of		THE DOW CHEMICAL	05/01/2013	461077673
78244-US-PCT	America	ACETATE	COMPANY	05/01/2017	16/0/26/3
		AQUEOUS SOLUTION			
	International	OF CELLULOSE ETHER	THE DOW CHEMICAL		
78244-WO-PCT	Procedure	ACETATE	COMPANY	05/01/2017	PCT/US17/030378 WO/2017/205008
70363 BB BCT	Desail	POLYALKOXY FATTY COMPOUND	THE DOW CHEMICAL COMPANY	0040442046	11120450047040
78262-BR-PCT	Brazil	POLYALKOXY FATTY	THE DOW CHEMICAL	03/01/5010	1120180043940
78262-CN-PCT	China	COMPOUND	COMPANY	09/01/2016	201680051481.6 108026264
78262-EP-EPT	European Procedure (Patents)	POLYALKOXY FATTY	THE DOW CHEMICAL COMPANY	00/01/2016	16767083.5 3347403
70202-EF-EF1	ribtedule (ratelits)	POLYALKOXY FATTY	THE DOW CHEMICAL	09/01/2010	16/6/065.5 354/405
78262-IN-PCT	India	COMPOUND	COMPANY	09/01/2016	201817010220
		POLYALKOXY FATTY	THE DOW CHEMICAL		
78262-JP-PCT	Japan	COMPOUND POLYALKOXY FATTY	COMPANY THE DOW CHEMICAL	09/01/2016	2018-511448
78262-KR-PCT	SOUTH KOREA	COMPOUND	COMPANY	09/01/2016	10-2018-7008332
	United States Of	POLYALKOXY FATTY	THE DOW CHEMICAL		
78262-US-PCT	America	COMPOUND	COMPANY	09/01/2016	15/753757
78269-BR-PCT	Brazil	POLYALKOXY FATTY COMPOUND	THE DOW CHEMICAL COMPANY	00/01/2016	112018004717-1
78209-BR-PC1	DIAZII	POLYALKOXY FATTY	THE DOW CHEMICAL	09/01/2016	112018004/1/-1
78269-CN-PCT	China	COMPOUND	COMPANY	09/01/2016	201680052175.4 108025033
702C0 ED EDT	European	POLYALKOXY FATTY	THE DOW CHEMICAL	00/01/2010	16766167 7 2247021
78269-EP-EPT	Procedure (Patents)	POLYALKOXY FATTY	COMPANY THE DOW CHEMICAL	09/01/2016	16766167.7 3347031
78269-IN-PCT	India	COMPOUND	COMPANY	09/01/2016	201817010483
		POLYALKOXY FATTY	THE DOW CHEMICAL		
78269-JP-PCT	Japan	COMPOUND	COMPANY	09/01/2016	2018-512609
78269-KR-PCT	SOUTH KOREA	POLYALKOXY FATTY COMPOUND	THE DOW CHEMICAL COMPANY	09/01/2016	10-2018-7008333
rozus iur i ci	United States Of	POLYALKOXY FATTY	THE DOW CHEMICAL	OS/OT/LOTE	10 2010 7000333
78269-US-CNT	America	COMPOUND	COMPANY	06/29/2018	16/023049
707001000	United States Of	POLYALKOXY FATTY	THE DOW CHEMICAL	00/04/2045	AT GEORGE
78269-US-PCT	America	COMPOUND BLENDS OF OKARA	COMPANY	09/01/2016	15//55/53
		WITH CELLULOSE	THE DOW CHEMICAL		
78374-BR-PCT	Brazil	DERIVATIVES	COMPANY	12/13/2016	112018010792-1
		BLENDS OF OKARA WITH CELLULOSE	THE DOW CHEMICAL		
78374-CN-PCT	China	DERIVATIVES	COMPANY	12/13/2016	201680070872.2 108366594
		BLENDS OF OKARA			
	European	WITH CELLULOSE	THE DOW CHEMICAL		
78374-EP-EPT	Procedure (Patents)		COMPANY	12/13/2016	16822326.1
		BLENDS OF OKARA WITH CELLULOSE	THE DOW CHEMICAL		
78374-IN-PCT	India	DERIVATIVES	COMPANY	12/13/2016	201817023804
		BLENDS OF OKARA			
78374-JP-PCT	lanan	WITH CELLULOSE DERIVATIVES	THE DOW CHEMICAL COMPANY	13/13/2010	2018-528039
78374-JP-PC1	Japan	BLENDS OF OKARA	COMPANY	12/13/2010	2018-528039
		WITH CELLULOSE	THE DOW CHEMICAL		
78374-KR-PCT	SOUTH KOREA	DERIVATIVES	COMPANY	12/13/2016	10-2018-7018303
	United States Of	BLENDS OF OKARA	THE BOW CHEATEN		
78374-US-PCT	United States Of America	WITH CELLULOSE DERIVATIVES	THE DOW CHEMICAL COMPANY	12/13/2016	15/776158
7557. 55.15.		BLENDS OF OKARA		12, 13, 2010	12/// 22/2
	International	WITH CELLULOSE	THE DOW CHEMICAL		
78374-WO-PCT	Procedure	DERIVATIVES	COMPANY	12/13/2016	PCT/US16/066255 WO/2017/106121
		PROCESSED MEAT PRODUCT			
		COMPRISING A			
		CELLULOSE ETHER			
		AND A FIBER-	THE DOMESTICAN		
78499-BR-PCT	Brazil	PRODUCT	THE DOW CHEMICAL COMPANY	03/28/2017	PCT/US17/024469
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		PROCESSED MEAT	
		PRODUCT	
		COMPRISING A	
		CELLULOSE ETHER AND A FIBER-	
			THE DOW CHEMICAL
78499-CN-PCT	China	PRODUCT	COMPANY 03/28/2017 PCT/US17/024469
		PROCESSED MEAT PRODUCT	
		COMPRISING A	
		CELLULOSE ETHER	
	-	AND A FIBER-	
78499-EP-EPT	European Procedure (Patents)		THE DOW CHEMICAL  COMPANY 03/28/2017 17716710.3
70433 E. E	Troccaire (rateries)	PROCESSED MEAT	63/20/2017 17/10/10/3
		PRODUCT	
		COMPRISING A CELLULOSE ETHER	
		AND A FIBER-	
			THE DOW CHEMICAL
78499-IN-PCT	India	PRODUCT	COMPANY 03/28/2017 PCT/US17/024469
		PROCESSED MEAT PRODUCT	
		COMPRISING A	
		CELLULOSE ETHER	
		AND A FIBER-	THE DOW CHEMICAL
78499-JP-PCT	Japan	PRODUCT	COMPANY 03/28/2017 PCT/US17/024469
		PROCESSED MEAT	
		PRODUCT COMPRISING A	
		CELLULOSE ETHER	
		AND A FIBER-	
79400 KB DCT	SOUTH KOREA	CONTAINING PECTIN PRODUCT	THE DOW CHEMICAL COMPANY 03/28/2017 PCT/US17/024469
78499-KR-PCT	300+IT KOKEA	PROCESSED MEAT	COMPANY 03/28/2017 PCT/US17/024469
		PRODUCT	
		COMPRISING A	
		CELLULOSE ETHER AND A FIBER-	
	United States Of		THE DOW CHEMICAL
78499-US-PCT	America	PRODUCT	COMPANY 03/28/2017 16/067406
		PROCESSED MEAT	
		PRODUCT COMPRISING A	
		COMPRISING A CELLULOSE ETHER	
	International	COMPRISING A CELLULOSE ETHER AND A FIBER-	THE DOMECHEMICAL
78499-WO-PCT	International Procedure	COMPRISING A CELLULOSE ETHER AND A FIBER-	THE DOW CHEMICAL COMPANY 03/28/2017 PCT/US17/024469 W0/2017/172711
78499-WO-PCT	Procedure International	COMPRISING A CELLULOSE ETHER AND A FIBER- CONTAINING PECTIN PRODUCT OIL COMPOSITIONS	COMPANY 03/28/2017 PCT/US17/024469 WO/2017/172711 THE DOW CHEMICAL
78499-WO-PCT 78619-WO-PCT	Procedure	COMPRISING A CELLULOSE ETHER AND A FIBER- CONTAINING PECTIN PRODUCT OIL COMPOSITIONS WITH STARCH	COMPANY 03/28/2017 PCT/US17/024469 WO/2017/172711
	Procedure International	COMPRISING A CELLULOSE ETHER AND A FIBER- CONTAINING PECTIN PRODUCT OIL COMPOSITIONS WITH STARCH ESTERIFIED	COMPANY 03/28/2017 PCT/US17/024469 WO/2017/172711 THE DOW CHEMICAL
	Procedure International	COMPRISING A CELLULOSE ETHER AND A FIBER- CONTAINING PECTIN PRODUCT OIL COMPOSITIONS WITH STARCH ESTERIFIED CELLULOSE ETHERS COMPRISING	COMPANY 03/28/2017 PCT/US17/024469 WO/2017/172711 THE DOW CHEMICAL
	Procedure International	COMPRISING A CELLULOSE ETHER AND A FIBER- CONTAINING PECTIN PRODUCT OIL COMPOSITIONS WITH STARCH ESTERIFIED CELLULOSE ETHERS COMPRISING PHTHALYL GROUPS	COMPANY 03/28/2017 PCT/US17/024469 WO/2017/172711 THE DOW CHEMICAL COMPANY 09/14/2017 PCT/US17/051481 WO/2018/057381
78619-WO-PCT	Procedure International Procedure	COMPRISING A CELLULOSE ETHER AND A FIBER- CONTAINING PECTIN PRODUCT OIL COMPOSITIONS WITH STARCH ESTERIFIED CELLULOSE ETHERS COMPRISING PHTHALYL GROUPS ESTERIFIED	COMPANY 03/28/2017 PCT/US17/024469 WO/2017/172711 THE DOW CHEMICAL COMPANY 09/14/2017 PCT/US17/051481 WO/2018/057381  THE DOW CHEMICAL
78619-WO-PCT	Procedure International Procedure	COMPRISING A CELLULOSE ETHER AND A FIBER- CONTAINING PECTIN PRODUCT OIL COMPOSITIONS WITH STARCH ESTERIFIED CELLULOSE ETHERS COMPRISING PHTHALYL GROUPS	COMPANY 03/28/2017 PCT/US17/024469 WO/2017/172711 THE DOW CHEMICAL COMPANY 09/14/2017 PCT/US17/051481 WO/2018/057381  THE DOW CHEMICAL
78619-WO-PCT	Procedure International Procedure	COMPRISING A CELLULOSE ETHER AND A FIBER- CONTAINING PECTIN PRODUCT OIL COMPOSITIONS WITH STARCH ESTERIFIED CELLULOSE ETHERS COMPRISING PHTHALYL GROUPS ESTERIFIED CELLULOSE ETHERS COMPRISING PHTHALYL GROUPS	COMPANY 03/28/2017 PCT/US17/024469 WO/2017/172711 THE DOW CHEMICAL COMPANY 09/14/2017 PCT/US17/051481 WO/2018/057381  THE DOW CHEMICAL COMPANY 06/20/2017 PCT/US17/038217
78619-WO-PCT 78650-BR-PCT	Procedure International Procedure Brazil	COMPRISING A CELLULOSE ETHER AND A FIBER- CONTAINING PECTIN PRODUCT OIL COMPOSITIONS WITH STARCH ESTERIFIED CELLULOSE ETHERS COMPRISING PHTHALYL GROUPS ESTERIFIED CELLULOSE ETHERS COMPRISING PHTHALYL GROUPS ESTERIFIED CHILDLOSE ETHERS COMPRISING PHTHALYL GROUPS ESTERIFIED	COMPANY 03/28/2017 PCT/US17/024469 W0/2017/172711 THE DOW CHEMICAL COMPANY 09/14/2017 PCT/US17/051481 W0/2018/057381  THE DOW CHEMICAL COMPANY 06/20/2017 PCT/US17/038217  THE DOW CHEMICAL
78619-WO-PCT 78650-BR-PCT	Procedure International Procedure  Brazil  China  European	COMPRISING A CELLULOSE ETHER AND A FIBER- CONTAINING PECTIN PRODUCT OIL COMPOSITIONS WITH STARCH ESTERIFIED CELLULOSE ETHERS COMPRISING PHTHALYL GROUPS ESTERIFIED CELLULOSE ETHERS COMPRISING PHTHALYL GROUPS ESTERIFIED CELLULOSE ETHERS COMPRISING CELLULOSE ETHERS COMPRISING	COMPANY 03/28/2017 PCT/US17/024469 W0/2017/172711 THE DOW CHEMICAL COMPANY 09/14/2017 PCT/US17/051481 W0/2018/057381  THE DOW CHEMICAL COMPANY 06/20/2017 PCT/US17/038217  THE DOW CHEMICAL
78619-WO-PCT 78650-BR-PCT	Procedure International Procedure  Brazil China	COMPRISING A CELLULOSE ETHER AND A FIBER- CONTAINING PECTIN PRODUCT OIL COMPOSITIONS WITH STARCH ESTERIFIED CELLULOSE ETHERS COMPRISING PHTHALYL GROUPS ESTERIFIED CELLULOSE ETHERS COMPRISING PHTHALYL GROUPS ESTERIFIED CELLULOSE ETHERS COMPRISING CELLULOSE ETHERS COMPRISING CELLULOSE ETHERS COMPRISING PHTHALYL GROUPS	COMPANY 03/28/2017 PCT/US17/024469 WO/2017/172711 THE DOW CHEMICAL COMPANY 09/14/2017 PCT/US17/051481 WO/2018/057381  THE DOW CHEMICAL COMPANY 06/20/2017 PCT/US17/038217  THE DOW CHEMICAL COMPANY 06/20/2017 PCT/US17/038217
78619-WO-PCT 78650-BR-PCT 78650-CN-PCT	Procedure International Procedure  Brazil  China  European	COMPRISING A CELLULOSE ETHER AND A FIBER- CONTAINING PECTIN PRODUCT OIL COMPOSITIONS WITH STARCH ESTERIFIED CELLULOSE ETHERS COMPRISING PHTHALYL GROUPS ESTERIFIED	COMPANY 03/28/2017 PCT/US17/024469 WO/2017/172711 THE DOW CHEMICAL COMPANY 09/14/2017 PCT/US17/051481 WO/2018/057381  THE DOW CHEMICAL COMPANY 06/20/2017 PCT/US17/038217  THE DOW CHEMICAL COMPANY 06/20/2017 PCT/US17/038217  THE DOW CHEMICAL THE DOW CHEMICAL THE DOW CHEMICAL
78619-WO-PCT 78650-BR-PCT 78650-CN-PCT	Procedure International Procedure  Brazil  China  European	COMPRISING A CELLULOSE ETHER AND A FIBER- CONTAINING PECTIN PRODUCT OIL COMPOSITIONS WITH STARCH ESTERIFIED CELLULOSE ETHERS COMPRISING PHTHALYL GROUPS ESTERIFIED CELLULOSE ETHERS COMPRISING PHTHALYL GROUPS ESTERIFIED CELLULOSE ETHERS COMPRISING CELLULOSE ETHERS COMPRISING CELLULOSE ETHERS COMPRISING PHTHALYL GROUPS	COMPANY 03/28/2017 PCT/US17/024469 WO/2017/172711 THE DOW CHEMICAL COMPANY 09/14/2017 PCT/US17/051481 WO/2018/057381  THE DOW CHEMICAL COMPANY 06/20/2017 PCT/US17/038217  THE DOW CHEMICAL COMPANY 06/20/2017 PCT/US17/038217  THE DOW CHEMICAL THE DOW CHEMICAL THE DOW CHEMICAL
78619-WO-PCT 78650-BR-PCT 78650-CN-PCT	Procedure International Procedure  Brazil  China  European	COMPRISING A CELLULOSE ETHER AND A FIBER- CONTAINING PECTIN PRODUCT OIL COMPOSITIONS WITH STARCH ESTERIFIED CELLULOSE ETHERS COMPRISING PHTHALYL GROUPS	COMPANY 03/28/2017 PCT/US17/024469 WO/2017/172711 THE DOW CHEMICAL COMPANY 09/14/2017 PCT/US17/051481 WO/2018/057381  THE DOW CHEMICAL COMPANY 06/20/2017 PCT/US17/038217  THE DOW CHEMICAL COMPANY 06/20/2017 PCT/US17/038217  THE DOW CHEMICAL COMPANY 06/20/2017 PCT/US17/038217
78619-WO-PCT 78650-BR-PCT 78650-CN-PCT 78650-EP-EPT	Procedure International Procedure  Brazil  China  European Procedure (Patents)	COMPRISING A CELLULOSE ETHER AND A FIBER- CONTAINING PECTIN PRODUCT OIL COMPOSITIONS WITH STARCH ESTERIFIED CELLULOSE ETHERS COMPRISING PHTHALYL GROUPS ESTERIFIED	COMPANY 03/28/2017 PCT/US17/024469 WO/2017/172711 THE DOW CHEMICAL COMPANY 09/14/2017 PCT/US17/051481 WO/2018/057381  THE DOW CHEMICAL COMPANY 06/20/2017 PCT/US17/038217
78619-WO-PCT 78650-BR-PCT 78650-CN-PCT 78650-EP-EPT	Procedure International Procedure  Brazil  China  European Procedure (Patents)	COMPRISING A CELLULOSE ETHER AND A FIBER- CONTAINING PECTIN PRODUCT OIL COMPOSITIONS WITH STARCH ESTERIFIED CELLULOSE ETHERS COMPRISING PHTHALYL GROUPS	COMPANY 03/28/2017 PCT/US17/024469 WO/2017/172711 THE DOW CHEMICAL COMPANY 09/14/2017 PCT/US17/051481 WO/2018/057381  THE DOW CHEMICAL COMPANY 06/20/2017 PCT/US17/038217
78619-WO-PCT 78650-BR-PCT 78650-CN-PCT 78650-EP-EPT	Procedure International Procedure  Brazil  China  European Procedure (Patents)	COMPRISING A CELLULOSE ETHER AND A FIBER- CONTAINING PECTIN PRODUCT OIL COMPOSITIONS WITH STARCH ESTERIFIED CELLULOSE ETHERS COMPRISING PHTHALYL GROUPS ESTERIFIED CELLULOSE ETHERS COMPRISING CELLULOSE ETHERS COMPRISING	COMPANY THE DOW CHEMICAL COMPANY O9/14/2017 PCT/US17/051481 WO/2018/057381  THE DOW CHEMICAL COMPANY O6/20/2017 PCT/US17/038217  THE DOW CHEMICAL COMPANY O6/20/2017 PCT/US17/038217

	ESTERIFIED CELLULOSE ETHERS	
78650-KR-PCT SOUTH KORE	COMPRISING THE DOW CHEMI A PHTHALYL GROUPS COMPANY	06/20/2017 PCT/US17/038217
	ESTERIFIED CELLULOSE ETHERS	
United States	Of COMPRISING THE DOW CHEMI	
78650-US-PCT America	PHTHALYL GROUPS COMPANY ESTERIFIED	06/20/2017 16/072650
	CELLULOSE ETHERS	
International 78650-WO-PCT Procedure	COMPRISING THE DOW CHEMIN PHTHALYL GROUPS COMPANY	AL 06/20/2017 PCT/US17/038217 WO/2017/223017
	COMPOSITION COMPRISING	
	GLUTEN-FREE FLOUR	
	AND HYDROXYPROPYL THE DOW CHEMI	CAL
78687-AU-PCT Australia	METHYL CELLULOSE COMPANY	01/13/2017 2017210987
	COMPOSITION COMPRISING	
	GLUTEN-FREE FLOUR AND	
	HYDROXYPROPYL THE DOW CHEMIN	AL
78687-BR-PCT Brazil	METHYL CELLULOSE COMPANY COMPOSITION	01/13/2017 BR112018014856-3
	COMPRISING	
	GLUTEN-FREE FLOUR AND	
78687-CN-PCT China	HYDROXYPROPYL THE DOW CHEMI METHYL CELLULOSE COMPANY	
78687-CN-PCT China	COMPOSITION	01/13/2017 201780006532:8
	COMPRISING GLUTEN-FREE FLOUR	
_	AND	
European 78687-EP-EPT Procedure (Pa	HYDROXYPROPYL THE DOW CHEMIN Itents) METHYL CELLULOSE COMPANY	O1/13/2017 17702463.5
	COMPOSITION COMPRISING	
	GLUTEN-FREE FLOUR	
	AND HYDROXYPROPYL THE DOW CHEMIC	:AL
78687-IN-PCT India	METHYL CELLULOSE COMPANY COMPOSITION	01/13/2017 201817029711
	COMPRISING	
	GLUTEN-FREE FLOUR AND	
78687-JP-PCT Japan	HYDROXYPROPYL THE DOW CHEMIN METHYL CELLULOSE COMPANY	At 01/13/2017 2018-535111
7.0007.01.10.	COMPOSITION	0.7.25/10.0
	COMPRISING GLUTEN-FREE FLOUR	
	AND HYDROXYPROPYL THE DOW CHEMIC	· Al
78687-KR-PCT SOUTH KORE/	METHYL CELLULOSE COMPANY	01/13/2017 10-2018-7022577
	COMPOSITION COMPRISING	
	GLUTEN-FREE FLOUR AND	
United States	Of HYDROXYPROPYL THE DOW CHEMIN	AL
78687-US-PCT America	METHYL CELLULOSE COMPANY COMPOSITION	01/13/2017 16/064043
	COMPRISING	
	GLUTEN-FREE FLOUR AND	
International 78687-WO-PCT Procedure	HYDROXYPROPYL THE DOW CHEMI METHYL CELLULOSE COMPANY	AL 01/13/2017 PCT/US17/013472 WO/2017/131973
	EFFICIENT PROCESS	
	OF PREPARING AN ESTERIFIED THE DOW CHEMIN	AL
78698-BR-PCT Brazil	CELLULOSE ETHER COMPANY EFFICIENT PROCESS	10/17/2017 PCT/US17/056836
	OF PREPARING AN	
78698-CN-PCT China	ESTERIFIED THE DOW CHEMI- CELLULOSE ETHER COMPANY	AL 10/17/2017 PCT/US17/056836

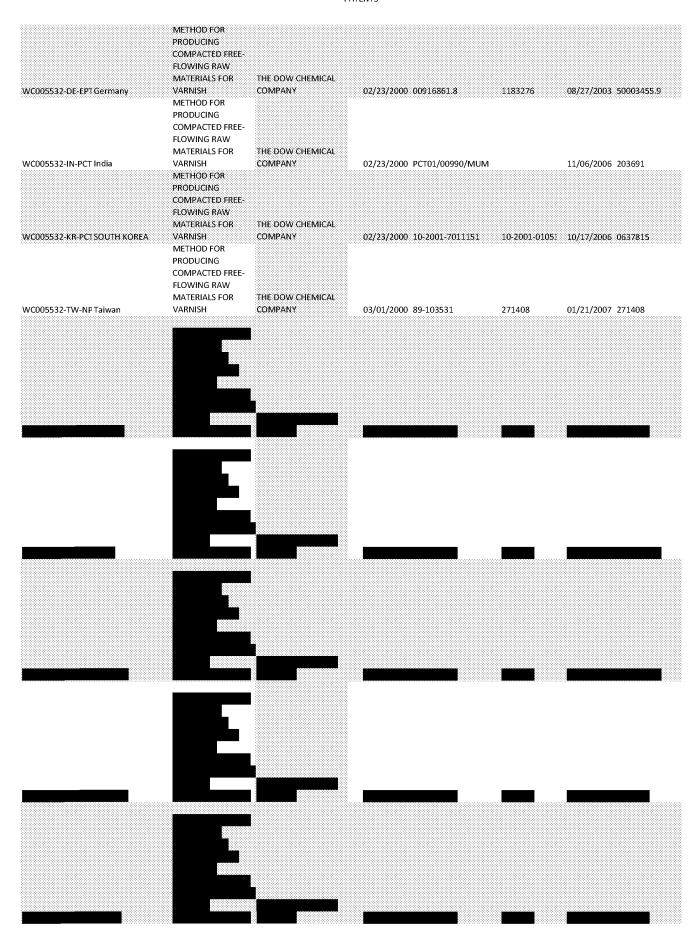
Marche   Marche   March   Ma	EFFICIENT PROCESS OF PREPARING AN	
PRINCE   P	•	
PROCESS   PROCESS   STRICKED		
	EFFICIENT PROCESS	EUM 6111 10/11/2017 FC1/0317/030030
### PRICES   SUTINSORIA   ENTRINED   THE DOWN CHMICK   ### PRESENTED   THE PRESENT   THE DOWN CHMICK   ### PRESENTED   THE D		THE DOW CHEMICAL
Company		COMPANY 10/17/2017 PCT/US17/056836
2889-84N-PCT   SOUTH KORRA   CRILLIOSE FINER   COMPANY   10/17/2017 PCT/US17/05/834	OF PREPARING AN	
PRESSURE   CONTAINING PETER   FILE DOWN CHEMICAL   10/17/2017 PCT/US17/056836   10/17/2017 PCT/US17/0		
Mexico   CELLULOS ETHER   COMPANY   10/17/2017 PCT/LS17/056836   PEPCOENT PROCESS   COF.PREPARMICA   CELLULOS ETHER   COMPANY   10/17/2017 16/073744   PEPCOENT PROCESS   COF.PREPARMICA   CELLULOS ETHER   COMPANY   10/17/2017 16/073744   PEPCOENT PROCESS   COF.PREPARMICA   CELLULOS ETHER   COMPANY   10/17/2017 PCT/LS17/056836   WO/2018/075420		
United Stares Of   STEMPLE   THE DOW CHEMICAL	EFFICIENT PROCESS	EGINI FIX.
Procedure   CEMPICATE   COMPANY		THE DOW CHEMICAL
The Third Company   Comp		COMPANY 10/17/2017 16/072744
REPUTATION   Procedure   CLULIOSE ETHER   COMPANY   10/17/2017 PCT/US17/056835   WO/2018/075429   WO/2018/	OF PREPARING AN	THE POWERIES
CENTRATING SALTS   OF PHARMACEUTICAL   OF PHARMACEUTICAL   OF PHARMACEUTICAL   OF PHARMACEUTICAL   OF PROCEDURE   PROCEDURE   OF PROCEDURE		
OF   PHARMACEUTICAL   International   ACTIVE INGREDIENTS THE DOW CHEMICAL   FORCE   PHARMACEUTICAL   PROPOSED   PROPOSE	METHOD FOR	
PARMACEUTICAL   International   ACTIVE INGREDIENTS THE DOW CHEMICAL   COMPANY   11/08/2017 PCT/US17/060825   WO/2018/11459		
Procedure   Proc	PHARMACEUTICAL	
AND A FIRER- CONTAINING PECTIN FREDOUCT COMMANY 03/28/2017 1120130687715  BELNOS OF OKARA AND A FIBER- CONTAINING PECTIN THE DOW CHEMICAL COMPANY 03/28/2017 PCT/U517/024476  BENDS OF OKARA AND A FIBER- CONTAINING PECTIN THE DOW CHEMICAL COMPANY 03/28/2017 PCT/U517/024476  BENDS OF OKARA AND A FIBER- CONTAINING PECTIN THE DOW CHEMICAL COMPANY 03/28/2017 PCT/U517/024476  BIENDS OF OKARA AND A FIBER- CONTAINING PECTIN THE DOW CHEMICAL COMPANY 03/28/2017 PCT/U517/024476  BIENDS OF OKARA AND A FIBER- CONTAINING PECTIN THE DOW CHEMICAL COMPANY 03/28/2017 PCT/U517/024476  BIENDS OF OKARA AND A FIBER- CONTAINING PECTIN THE DOW CHEMICAL COMPANY 03/28/2017 PCT/U517/024476  BIENDS OF OKARA AND A FIBER- CONTAINING PECTIN THE DOW CHEMICAL COMPANY 03/28/2017 PCT/U517/024476  BIENDS OF OKARA AND A FIBER- CONTAINING PECTIN THE DOW CHEMICAL COMPANY 03/28/2017 PCT/U517/024476  BIENDS OF OKARA AND A FIBER- CONTAINING PECTIN THE DOW CHEMICAL COMPANY 03/28/2017 PCT/U517/024476  BIENDS OF OKARA AND A FIBER- CONTAINING PECTIN THE DOW CHEMICAL COMPANY 03/28/2017 PCT/U517/024476  BIENDS OF OKARA AND A FIBER- CONTAINING PECTIN THE DOW CHEMICAL COMPANY 03/28/2017 PCT/U517/024476  BIENDS OF OKARA AND A FIBER- COMPANY 03/28/2017 PCT/U517/024476  BIENDS OF OKARA AND A FIBER- COMPANY 03/28/2017 PCT/U517/024476  BIENDS OF OKARA AND A FIBER- COMPANY 03/28/2017 PCT/U517/024476  BIENDS OF OKARA AND A FIBER- COMPANY 03/28/2017 PCT/U517/024476  BIENDS OF OKARA AND A FIBER- COMPANY 03/28/2017 PCT/U517/024476  BIENDS OF OKARA AND A FIBER- COMPANY 03/28/2017 PCT/U517/024476  BIENDS OF OKARA AND A FIBER- COMPANY 03/28/2017 PCT/U517/024476  BIENDS OF OKARA AND A FIBER- COMPANY 03/28/2017 PCT/U517/024476  BIENDS OF OKARA AND A FIBER- COMPANY 03/28/2017 PCT/U517/024476  BIENDS OF OKARA AND A FIBER- COMPANY 03/28/2017 PCT/U517/024476  BIENDS OF OKARA AND A FIBER- COMPANY 03/28/2017 PCT/U517/024476  BIENDS OF OKARA AND A FIBER- COMPANY 03/28/2017 PCT/U517/024476  BIENDS OF OKARA AND A FIBER- COMPANY 03/28/2017 PCT/U517/024476  BIENDS OF OKARA AND A FIBER-		
CONTAINING PECTIN   THE DOW CHEMICAL   COMPANY   COMPA		
BLENDS OF OXARA AND A FIBER   CONTAINING PECTIN   THE DOW CHEMICAL   COMPANY   03/28/2017 PCT/US17/024476   CHIMA   PRODUCT   COMPANY   03/28/2017 PCT/US17/024476   CHIMA   COMPANY   C	CONTAINING PECTIN	
CONTAINING PECTIN THE DOW CHEMICAL   COMPANY	BLENDS OF OKARA	U3/20/2017 1120100007/13
BLENDS OF OKARA   AND A FIBER-   THE DOW CHEMICAL   COMPANY   O3/28/2017 17718642.6		THE DOW CHEMICAL
AND A FIBER-  CONTAINING PECTIN   THE DOW CHEMICAL   COMPANY   O3/28/2017 17718642.6		COMPANY 03/28/2017 PCT/U517/024476
Name	AND A FIBER-	THE DOWN CHEMICAL
AND A FIBER- CONTAINING PECTIN THE DOW CHEMICAL PRODUCT COMPANY 03/28/2017 PCT/US17/024476  BLENDS OF OKARA AND A FIBER- CONTAINING PECTIN THE DOW CHEMICAL COMPANY 03/28/2017 PCT/US17/024476  BLENDS OF OKARA AND A FIBER- CONTAINING PECTIN THE DOW CHEMICAL PRODUCT COMPANY 03/28/2017 PCT/US17/024476  BLENDS OF OKARA AND A FIBER- CONTAINING PECTIN THE DOW CHEMICAL COMPANY 03/28/2017 PCT/US17/024476  BLENDS OF OKARA AND A FIBER- CONTAINING PECTIN THE DOW CHEMICAL COMPANY 03/28/2017 PCT/US17/024476  BLENDS OF OKARA AND A FIBER- CONTAINING PECTIN THE DOW CHEMICAL PRODUCT COMPANY 03/28/2017 16/067414  BLENDS OF OKARA AND A FIBER- CONTAINING PECTIN THE DOW CHEMICAL PRODUCT COMPANY 03/28/2017 PCT/US17/024476 WO/2017/172718  PROSO-WO-PCT Procedure PRODUCT COMPANY 03/28/2017 PCT/US17/024476 WO/2017/172718  CELLULOSE ETHER ACETATE THE DOW CHEMICAL COMPANY 08/22/2017 PCT/US17/047997  CELLULOSE ETHER ACETATE THE DOW CHEMICAL COMPANY 08/22/2017 PCT/US17/047997	78850-EP-EPT Procedure (Patents) PRODUCT	
PRODUCT		
BLENDS OF OKARA AND A FIBER- CONTAINING PECTIN THE DOW CHEMICAL  78850-JP-PCT Japan PRODUCT COMPANY 03/28/2017 PCT/US17/024476  BLENDS OF OKARA AND A FIBER- CONTAINING PECTIN THE DOW CHEMICAL  78850-KR-PCT SOUTH KOREA PRODUCT COMPANY 03/28/2017 PCT/US17/024476  BLENDS OF OKARA AND A FIBER- COMPANY 03/28/2017 PCT/US17/024476  PRODUCT COMPANY 03/28/2017 PCT/US17/024476  THE DOW CHEMICAL  78850-US-PCT America PRODUCT COMPANY 03/28/2017 16/067414  BLENDS OF OKARA AND A FIBER- COMPANY 03/28/2017 PCT/US17/024476 WO/2017/172718  PRODUCT COMPANY 03/28/2017 PCT/US17/024476 WO/2017/172718  78850-WO-PCT Procedure PRODUCT COMPANY 03/28/2017 PCT/US17/024476 WO/2017/172718  78977-BR-PCT Brazil HIEDOW CHEMICAL  78977-BR-PCT Brazil THE DOW CHEMICAL  78977-BR-PCT CELLULOSE ETHER ACETATE THE DOW CHEMICAL  78977-BR-PCT CELLULOSE ETHER ACETATE THE DOW CHEMICAL		
CONTAINING PECTIN   THE DOW CHEMICAL   PRODUCT   COMPANY   O3/28/2017   PCT/US17/024476   PCT/US17/047997   PCT/US17/0	BLENDS OF OKARA	
BLENDS OF OKARA AND A FIBER- CONTAINING PECTIN THE DOW CHEMICAL  78850-KR-PCT SOUTH KOREA PRODUCT COMPANY 03/28/2017 PCT/US17/024476  United States Of CONTAINING PECTIN THE DOW CHEMICAL CONTAINING PECTIN THE DOW CHEMICAL  78850-US-PCT America PRODUCT COMPANY 03/28/2017 16/067414  BLENDS OF OKARA AND A FIBER- International CONTAINING PECTIN THE DOW CHEMICAL  78850-WO-PCT Procedure PRODUCT COMPANY 03/28/2017 PCT/US17/024476 WO/2017/172718  CELLULOSE ETHER ACETATE THE DOW CHEMICAL  78977-BR-PCT Brazil PHTHALATES COMPANY 08/22/2017 PCT/US17/047997  CELLULOSE ETHER ACETATE THE DOW CHEMICAL	CONTAINING PECTIN	
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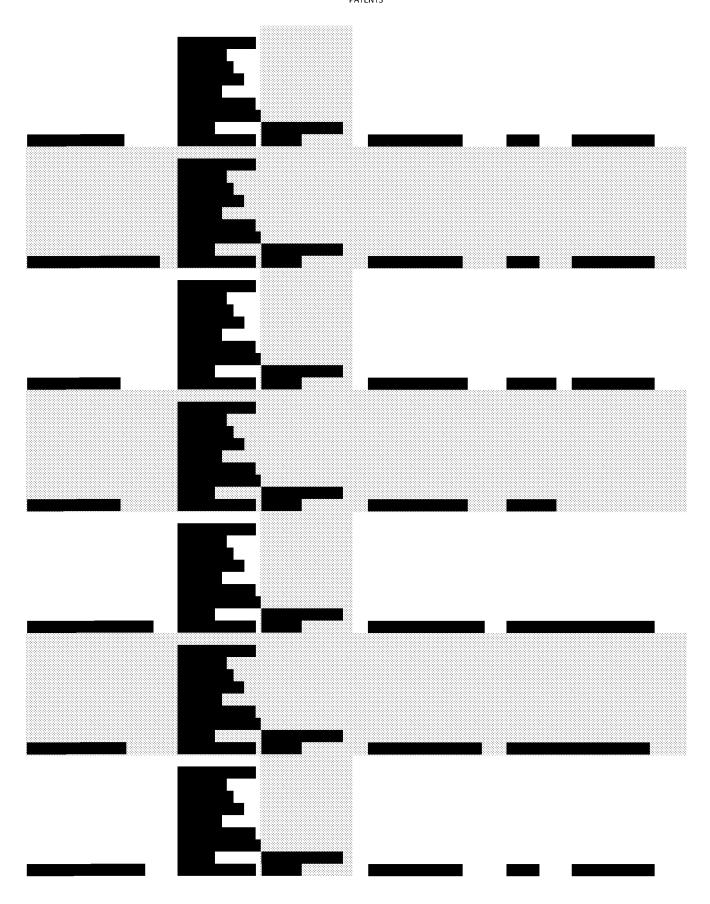
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MICHAEL   MICH	78977-EP-EPT	Procedure (Patents)		COMPANY	08/22/2017	PCT/US17/047997		
TRESTYLE   Japan				THE DOW CHEMICAL				
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MACTATE   MINISTRATE   MINIST	78977-JP-PCT	Japan		COMPANY	08/22/2017	PCT/US17/047997		
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United States Of ACETATE   File DOW CHEMICAL   REPORT CHEMICAL	78977-KR-PCT	SOUTH KOREA			08/22/2017	PCT/US17/047997		
PRITHALATES   COMMENT		United States Of		THE DELL' CHELLOS				
CELLULOS ETHER   THE DOW CHEMICAL   THE DOW CHEMICAL	78977-US-PCT				08/22/2017	16/072691		
PRODUCT NUTLED   PROCEDURE			CELLULOSE ETHER		, , ,			
STERIFIED   CELLULOSE ETHERS   COMPRISING   THE DOW CHEMICAL   GROUPS   COMPANY   CO	78077.INCLDCT				08/22/2017	DCT/HS17/0//7997	W/0/2018/030220	
International	70577 <b>W</b> 51 CI	rioccione		COMM (ALF)		101/031//04/33/	***************************************	
International   TRIMELITYL   TRE DOW CREMICAL   O6/20/2017 PCT/US17/038218   WO/2017/223018   WO/2018/039214   WO/2018/0392								
COMPANY   COMP		International		THE DOW CHEMICAL				
CELLULOSE ETHERS	79158-WO-PCT	Procedure		COMPANY	06/20/2017	PCT/US17/038218	WO/2017/223018	
International								
PROCESS FOR RECOVERING AN ESTERIFIED		International		THE DOW CHEMICAL				
RECOVERING AN   ESTERIFED   CELLULOSE ETHER   FROM A REACTION   THE DOW CHEMICAL   PRODUCT   PRODUCT   PRODUCT   COMPANY   O3/14/2018 PCT/US18/022335   PC	79160-WO-PCT	Procedure		COMPANY	08/22/2017	PCT/U517/047989	WO/2018/039214	
International   FROM A REACTION   THE DOW CHEMICAL   PROCUES FOR RECOVERING AN ESTERIFIED   CELLULOSE ETHER   Procedure   PROM A REACTION   THE DOW CHEMICAL   COMPANY   O3/14/2018 PCT/U518/022335			ESTERIFIED					
PRODUCT MIXTURE		International		THE DOW CHEMICAL				
RECOVERING AN ESTERIFIED   CELLULOSE ETHER   COMPANY   O3/14/2018 PCT/US18/022338	79218-WO-PCT				03/14/2018	PCT/US18/022335		
Procedure								
International   PROM A REACTION   THE DOW CHEMICAL   PRODUCT MIXTURE   COMPANY   03/14/2018 PCT/U513/022338								
Procedure				THE CONTROLL				
BLENDS OF A   CELLULOSE   DERIVATIVE AND   DERIVATIVE A	79219-WO-PCT				03/14/2018	PCT/U518/022338		
International   Procedure								
DERIVATIVE AND BRAN DEGRADATION THE DOW CHEMICAL COMPANY 12/19/2017 PCT/US17/067169 WO/2018/128796 PRODUCT COMPANY 12/19/2017 PCT/US17/067169 WO/2018/128796 PRODUCT COMPANY 12/19/2017 PCT/US17/067169 WO/2018/128796 PRODUCTS COMPANY 05/01/2017 PCT/US17/030392 PCT/US17/03								
79221-WO-PCT Procedure PRODUCT COMPANY 12/19/2017 PCT/US17/067169 WO/2018/128796  European COMPRISING THE DOW CHEMICAL COMPANY 05/01/2017 PCT/US17/030392  FOOD PRODUCTS COMPANY 05/01/2017 PCT/US17/030392  International COMPRISING THE DOW CHEMICAL COMPANY 05/01/2017 PCT/US17/030392 WO/2017/192445  THE DOW CHEMICAL COMPANY 05/01/2017 PCT/US17/030392 WO/2017/192445  THE DOW CHEMICAL COMPANY 09/14/2017 PCT/US17/030392 WO/2018/057382  THE DOW CHEMICAL COMPANY 09/14/2017 PCT/US17/051482 WO/2018/057382  SOLID COMPOSITION ON CHEMICAL COMPANY 09/14/2017 PCT/US17/051487 WO/2018/057383  THE DOW CHEMICAL COMPANY 09/14/2017 PCT/US17/051490 WO/2018/057384  THE DOW CHEMICAL COMPANY 09/14/2017 PCT/US17/051490 WO/2018/057384  SIMPLIFIED PROCESS FOR MAKING LOW VISCOSITY THE DOW CHEMICAL COMPANY 10/03/2017 62/567349								
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Procedure (Patents)   METHYLCELLULOSE   FOOD PRODUCTS   FOOD	/9221-WU-PC1	Procedure		COMPANT	12/19/2017	PC1/US1//U6/169	WO/2018/128/96	
International   FOOD PRODUCTS   COMPRISING   THE DOW CHEMICAL   Procedure   METHYLCELLULOSE   COMPANY   O5/01/2017   PCT/US17/030392   WO/2017/192445   WO/2018/057382   WO/2018/057383   WO/2018/057383   WO/2018/057383   WO/2018/057383   WO/2018/057383   WO/2018/057383   WO/2018/057384   WO/20								
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International FRYING OILS COMPANY 09/14/2017 PCT/US17/051482 WO/2018/057382  SOLID COMPOSITION CONTAINING THE DOW CHEMICAL COMPANY 09/14/2017 PCT/US17/051482 WO/2018/057382  F9299-WO-PCT Procedure OLEOGEL COMPANY 09/14/2017 PCT/US17/051487 WO/2018/057383  International OLEOGEL WITH THE DOW CHEMICAL COMPANY 09/14/2017 PCT/US17/051490 WO/2018/057384  F9300-WO-PCT Procedure STEARIC ACID COMPANY 09/14/2017 PCT/US17/051490 WO/2018/057384  SIMPLIFIED PROCESS FOR MAKING LOW VISCOSITY THE DOW CHEMICAL COMPANY 10/03/2017 62/567349  SIMPLIFIED PROCESS FOR MAKING LOW International VISCOSITY THE DOW CHEMICAL COMPANY 10/03/2017 62/567349		International		THE DOW CHEMICAL				
79297-WO-PCT Procedure FRYING OILS COMPANY 09/14/2017 PCT/US17/051482 WO/2018/057382  SOLID COMPOSITION CONTAINING THE DOW CHEMICAL COMPANY 09/14/2017 PCT/US17/051487 WO/2018/057383  79299-WO-PCT International OLEOGEL COMPANY 09/14/2017 PCT/US17/051487 WO/2018/057383  79300-WO-PCT Procedure STEARIC ACID COMPANY 09/14/2017 PCT/US17/051480 WO/2018/057384  SIMPLIFIED PROCESS FOR MAKING LOW VISCOSITY THE DOW CHEMICAL COMPANY 10/03/2017 62/567349  SIMPLIFIED PROCESS FOR MAKING LOW VISCOSITY THE DOW CHEMICAL COMPANY 10/03/2017 62/567349	79245-WO-PCT		METHYLCELLULOSE		05/01/2017	PCT/US17/030392	WO/2017/192445	
International Procedure   OLEOGEL COMPANY   O9/14/2017 PCT/US17/051487   WO/2018/057383     Procedure International OLEOGEL WITH THE DOW CHEMICAL Procedure   STEARIC ACID COMPANY   O9/14/2017 PCT/US17/051487   WO/2018/057383     Procedure   STEARIC ACID COMPANY   O9/14/2017 PCT/US17/051490   WO/2018/057384     SIMPLIFIED PROCESS FOR MAKING LOW VISCOSITY   THE DOW CHEMICAL CELLULOSE ETHER COMPANY   10/03/2017 62/567349     SIMPLIFIED PROCESS FOR MAKING LOW International VISCOSITY   THE DOW CHEMICAL CELLULOSE THER COMPANY   10/03/2017 62/567349     Procedure   OLEOGEL WITH THE DOW CHEMICAL CELLULOSE THER COMPANY   10/03/2017 62/567349     Procedure   OLEOGEL WITH THE DOW CHEMICAL CELLULOSE THER COMPANY   10/03/2017 62/567349     Procedure   OLEOGEL WITH THE DOW CHEMICAL CELLULOSE THER COMPANY   10/03/2017 62/567349     Procedure   OLEOGEL WITH THE DOW CHEMICAL CELLULOSE THER COMPANY   10/03/2017 62/567349     Procedure   OLEOGEL WITH THE DOW CHEMICAL CELLULOSE THER COMPANY   10/03/2017 62/567349     Procedure   OLEOGEL WITH THE DOW CHEMICAL CELLULOSE THER COMPANY   10/03/2017 62/567349     Procedure   OLEOGEL WITH THE DOW CHEMICAL CELLULOSE THER COMPANY   10/03/2017 62/567349     Procedure   OLEOGEL WITH THE DOW CHEMICAL CELLULOSE THER COMPANY   10/03/2017 62/567349     Procedure   OLEOGEL WITH THE DOW CHEMICAL CELLULOSE THER COMPANY   10/03/2017 62/567349     Procedure   OLEOGEL WITH THE DOW CHEMICAL CELLULOSE THER COMPANY   10/03/2017 62/567349     Procedure   OLEOGEL WITH THE DOW CHEMICAL CELLULOSE THER COMPANY   10/03/2017 62/567349     Procedure   OLEOGEL WITH THE DOW CHEMICAL CELLULOSE THER COMPANY   10/03/2017 62/567349     Procedure   OLEOGEL WITH THE DOW CHEMICAL CELLULOSE THER COMPANY   10/03/2017 62/567349     Procedure   OLEOGEL WITH THE DOW CHEMICAL CELLULOSE THE COMPANY   10/03/2017 62/567349     Procedure   OLEOGEL WITH THE DOW CHEMICAL CELLULOSE THE COMPANY   10/03/2017 62/567349     Procedure   OLEOGEL WITH THE DOW CHEMICAL CELLULOSE THE COMPANY   10/03/2017 62/567349     Procedure   OLEOGEL WI	79297-WO-PCT		FRYING OILS		09/14/2017	PCT/US17/051482	WO/2018/057382	
International Procedure   OLEOGEL COMPANY   O9/14/2017 PCT/US17/051487   WO/2018/057383     Procedure International OLEOGEL WITH THE DOW CHEMICAL Procedure   STEARIC ACID COMPANY   O9/14/2017 PCT/US17/051487   WO/2018/057383     Procedure   STEARIC ACID COMPANY   O9/14/2017 PCT/US17/051490   WO/2018/057384     SIMPLIFIED PROCESS FOR MAKING LOW VISCOSITY   THE DOW CHEMICAL CELLULOSE ETHER COMPANY   10/03/2017 62/567349     SIMPLIFIED PROCESS FOR MAKING LOW International VISCOSITY   THE DOW CHEMICAL CELLULOSE THER COMPANY   10/03/2017 62/567349     Procedure   OLEOGEL WITH THE DOW CHEMICAL CELLULOSE THER COMPANY   10/03/2017 62/567349     Procedure   OLEOGEL WITH THE DOW CHEMICAL CELLULOSE THER COMPANY   10/03/2017 62/567349     Procedure   OLEOGEL WITH THE DOW CHEMICAL CELLULOSE THER COMPANY   10/03/2017 62/567349     Procedure   OLEOGEL WITH THE DOW CHEMICAL CELLULOSE THER COMPANY   10/03/2017 62/567349     Procedure   OLEOGEL WITH THE DOW CHEMICAL CELLULOSE THER COMPANY   10/03/2017 62/567349     Procedure   OLEOGEL WITH THE DOW CHEMICAL CELLULOSE THER COMPANY   10/03/2017 62/567349     Procedure   OLEOGEL WITH THE DOW CHEMICAL CELLULOSE THER COMPANY   10/03/2017 62/567349     Procedure   OLEOGEL WITH THE DOW CHEMICAL CELLULOSE THER COMPANY   10/03/2017 62/567349     Procedure   OLEOGEL WITH THE DOW CHEMICAL CELLULOSE THER COMPANY   10/03/2017 62/567349     Procedure   OLEOGEL WITH THE DOW CHEMICAL CELLULOSE THER COMPANY   10/03/2017 62/567349     Procedure   OLEOGEL WITH THE DOW CHEMICAL CELLULOSE THER COMPANY   10/03/2017 62/567349     Procedure   OLEOGEL WITH THE DOW CHEMICAL CELLULOSE THER COMPANY   10/03/2017 62/567349     Procedure   OLEOGEL WITH THE DOW CHEMICAL CELLULOSE THER COMPANY   10/03/2017 62/567349     Procedure   OLEOGEL WITH THE DOW CHEMICAL CELLULOSE THE COMPANY   10/03/2017 62/567349     Procedure   OLEOGEL WITH THE DOW CHEMICAL CELLULOSE THE COMPANY   10/03/2017 62/567349     Procedure   OLEOGEL WITH THE DOW CHEMICAL CELLULOSE THE COMPANY   10/03/2017 62/567349     Procedure   OLEOGEL WI			COLID CONTROL					
79299-WO-PCT Procedure OLEOGEL COMPANY 09/14/2017 PCT/US17/051487 WO/2018/057383  79300-WO-PCT Procedure STEARIC ACID COMPANY 09/14/2017 PCT/US17/051490 WO/2018/057384  SIMPLIFIED PROCESS FOR MAKING LOW VISCOSITY THE DOW CHEMICAL CELLULOSE ETHER COMPANY 10/03/2017 62/567349  SIMPLIFIED PROCESS FOR MAKING LOW VISCOSITY THE DOW CHEMICAL CELLULOSE ETHER COMPANY 10/03/2017 62/567349  SIMPLIFIED PROCESS FOR MAKING LOW International VISCOSITY THE DOW CHEMICAL THE DOW		International		THE DOW CHEMICAL				
79300-WO-PCT Procedure STEARIC ACID COMPANY 09/14/2017 PCT/U517/051490 WO/2018/057384  SIMPLIFIED PROCESS FOR MAKING LOW VISCOSITY THE DOW CHEMICAL CELLULOSE ETHER COMPANY 10/03/2017 62/567349  SIMPLIFIED PROCESS FOR MAKING LOW International VISCOSITY THE DOW CHEMICAL THE DOW C	79299-WO-PCT	Procedure	OLEOGEL	COMPANY	09/14/2017	PCT/US17/051487	WO/2018/057383	
SIMPLIFIED PROCESS FOR MAKING LOW United States Of VISCOSITY THE DOW CHEMICAL CELLULOSE ETHER COMPANY 10/03/2017 62/567349  SIMPLIFIED PROCESS FOR MAKING LOW International VISCOSITY THE DOW CHEMICAL THE DOW CHEMICAL THE DOW CHEMICAL	79300-WO-PCT				09/14/2017	PCT/US17/051490	W/0/2018/057384	
80053-US-PSP United States Of America FOR MAKING LOW VISCOSITY THE DOW CHEMICAL CELLULOSE ETHER COMPANY 10/03/2017 62/567349  SIMPLIFIED PROCESS FOR MAKING LOW International VISCOSITY THE DOW CHEMICAL	AJGG VIOTE			~~· \$44 / MA			/, 2040/03/304	
United States Of America VISCOSITY THE DOW CHEMICAL  CELLULOSE ETHER COMPANY 10/03/2017 62/567349  SIMPLIFIED PROCESS FOR MAKING LOW International VISCOSITY THE DOW CHEMICAL								
80053-US-PSP America CELLULOSE ETHER COMPANY 10/03/2017 62/567349  SIMPLIFIED PROCESS FOR MAKING LOW International VISCOSITY THE DOW CHEMICAL		United States Of		THE DOW CHEMICAL				
FOR MAKING LOW International VISCOSITY THE DOW CHEMICAL	80053-US-PSP	America	CELLULOSE ETHER	COMPANY	10/03/2017	62/567349		200000000000000000000000000000000000000
FOR MAKING LOW International VISCOSITY THE DOW CHEMICAL			SIMPLIFIED PROCESS					
			FOR MAKING LOW					
20032-11-2-1-0-1-10ceptuse cereorogic estate contacular (10.1/20/2010 Ect.) (13.10/1042/30	80063 1990 004				N7/76/7010	DCT/HS18/MA3300		
International FAST HYDRATABLE THE DOW CHEMICAL	.googg-gyterro		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		3112012010	4 mil 0010/043/30		
80174-WO-PCT Procedure KONJAC FLOUR <b>COMPANY</b> 04/19/2018 PCT/US18/028293	80174-WO-PCT	Procedure	KONJAC FLOUR	COMPANY	04/19/2018	PCT/US18/028293		

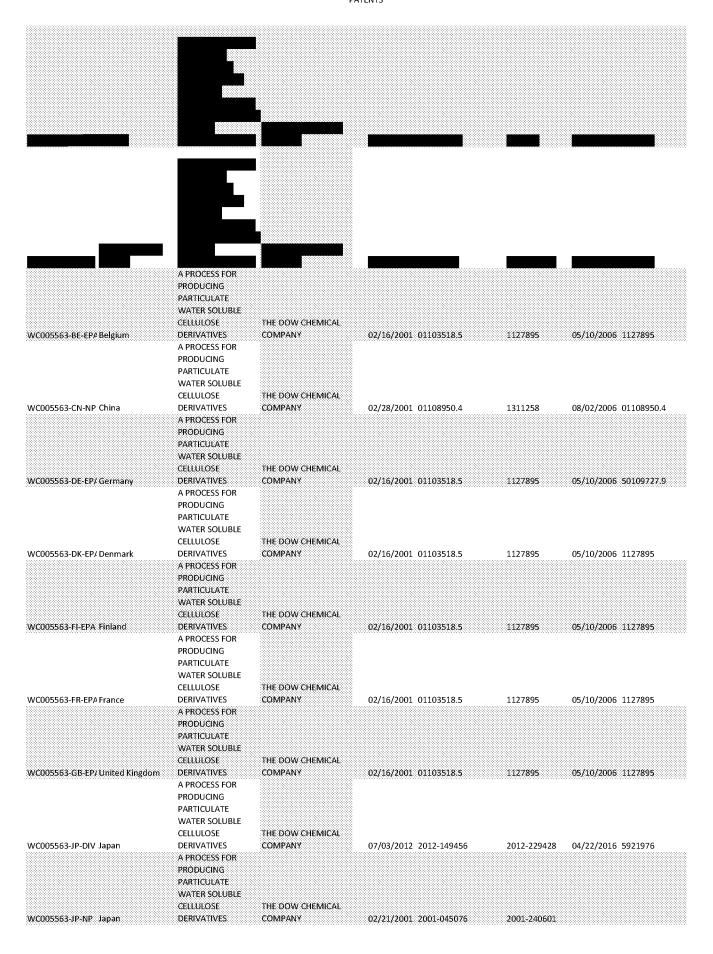
		PROCESS FOR PRODUCING A	
	International	HYDROGEL BASED ON	THE DOW CHEMICAL
80235-WO-PCT	Procedure	METHYLCELLULOSE PROCESS FOR	COMPANY 05/22/2018 PCT/US18/33799
		PRODUCING HYDROGELS BASED	
80236-WO-PCT	International Procedure	ON ESTERIFIED CELLULOSE ETHERS	THE DOW CHEMICAL  COMPANY 05/22/2018 PCT/US18/33801
55255 116   61	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	USE OF XYLOGLUCAN	
80269-WO-PCT	International Procedure	IN GLUTEN FREE BREAD	THE DOW CHEMICAL  COMPANY 02/05/2018 PCT/U518/016789 WO 2018/148131
		COMPOSITION COMPRISING	
		GLUTEN-FREE FLOUR AND	3
80270-WO-PCT	International Procedure	HYDROXYPROPYL	THE DOW CHEMICAL  COMPANY 02/19/2018 PCT/US18/018605 WO 2018/164825
33273 113 1 31		PROCESS FOR RECOVERING AN	
		ESTERIFIED CELLULOSE ETHER	
80289-WO-PCT	International Procedure	FROM A REACTION PRODUCT MIXTURE	THE DOW CHEMICAL  COMPANY 03/14/2018 PCT/US18/022364
		ENZYMATICALLY MODIFIED	
	International	XYLOGLUCAN IN SWEET BAKERY	THE DOW CHEMICAL
80335-WO-PCT	Procedure International	FILLINGS FAST HYDRATABLE	COMPANY         02/05/2018 PCT/US18/016788         WO 2018/148130           THE DOW CHEMICAL         ***
80580-WO-PCT	Procedure	KONJAC FLOUR HYDROGELS BASED	COMPANY 04/19/2018 PCT/US18/028289
80623-US-PSP	United States Of America	ON ESTERIFIED CELLULOSE ETHERS	THE DOW CHEMICAL  COMPANY 11/29/2017 62/591804
	International	HYDROGELS BASED ON ESTERIFIED	THE DOW CHEMICAL
80623-WO-PCT	Procedure	CELLULOSE ETHERS	COMPANY 07/12/2018 PCT/U518/041736
		PROCESS FOR PRODUCING	
		HYDROGELS BASED ON ESTERIFIED	
	International	CELLULOSE ETHERS OF LOW MOLECULAR	R THE DOW CHEMICAL
80669-WO-PCT	Procedure	WEIGHT WATER-SOLUBLE	©MPANY 05/22/2018 PCT/US18/33808
	International	POLYSACCHARIDES OF IMPROVED	THE DOW CHEMICAL
80670-WO-PCT	Procedure	PALATABILITY METHOD FOR	COMPANY 05/22/2018 PCT/U518/033817
		CONTROLLED PREPARATION OF	
00-00 11/0 -0-	International	WEIGHT CELLULOSE	THE DOW CHEMICAL
80702-WO-PCT	Procedure	PROCESS FOR	COMPANY 06/29/2018 PCT/US18/040196
	taaa aa aa ka aa ah	PRODUCING HYDROGELS BASED ON HYDROXYALKYL	THE DOW CHEMICAL
80899-WO-PCT	International Procedure	METHYLCELLULOSE WATER-SOLUBLE	COMPANY 05/22/2018 PCT/US18/033812
	International	POLYSACCHARIDES OF IMPROVED	THE DOW CHEMICAL
80986-WO-PCT	Procedure	PALATABILITY PHARMACEUTICAL	COMPANY 05/22/2018 PCT/US18/033819
	United States Of	COMPOSITION CONTAINING RESIN	THE DOW CHEMICAL
81425-US-PSP	America	PARTICLES PHARMACEUTICAL	COMPANY 12/22/2017 62/609701
	United States Of	COMPOSITION CONTAINING RESIN	THE DOW CHEMICAL
81425-US-PSP[2]	America	PARTICLES	COMPANY 03/02/2018 62/637429

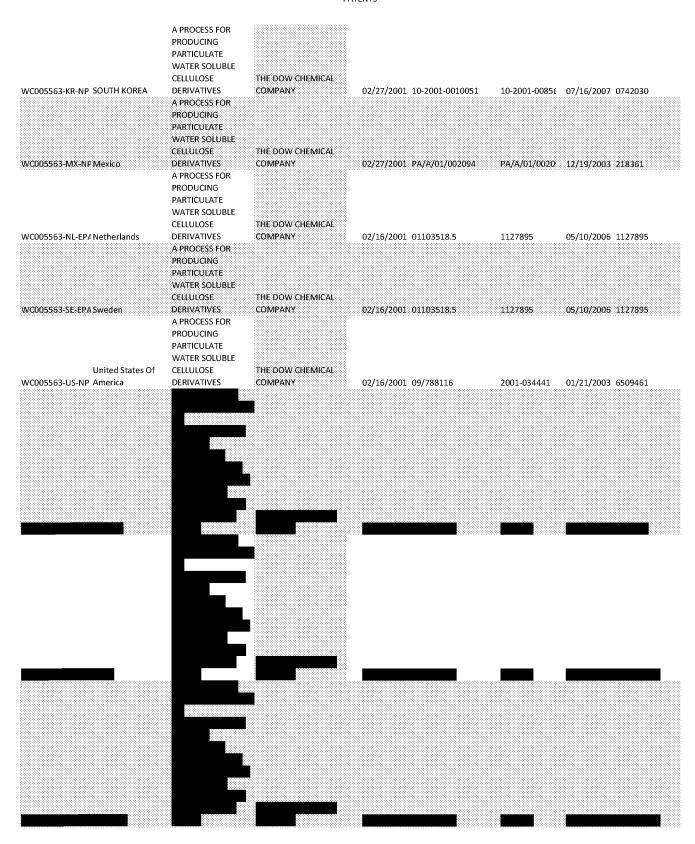
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81498-US-PSP[2]	United States Of America	COMPOSITION CONTAINING CROSSLINKED ION EXCHANGE RESIN HYDROGELS BASED	THE DOW CHEMICAL COMPANY	03/02/2018 62/637431		
81562-US-PSP	United States Of America	ON HYDROXYALKYL METHYLCELLULOSE HYDROGELS BASED	THE DOW CHEMICAL COMPANY	11/29/2017 62/591807		
81562-WO-PCT	International Procedure	ON HYDROXYALKYL METHYLCELLULOSE A COMPOSITION COMPRISING A PROTEIN AND A	THE DOW CHEMICAL COMPANY	07/12/2018 PCT/US18/041739		
82385-US-PSP	United States Of America	POLYALKOXY FATTY ACYL SURFACTANT HYDROPHILIC, LUBRICIOUS MEDICAL DEVICES HAVING CONTRAST	THE DOW CHEMICAL COMPANY	09/10/2018 62/729140		
UC18096A-IN-PCT	⁻ India	FOR MAGNETIC RESONANCE IMAGING SUBSTANTIALLY FIBRE-FREE CELLULOSE ETHERS	THE DOW CHEMICAL COMPANY	04/17/2001 351/CHENP/2003		03/13/2007 204316
		WHICH EXHIBIT IMPROVED WATER RETENTION, A PROCESS FOR THE PRODUCTION	THE DOWNERS OF			
WC005492-BE-EP	T Belgium	THEREOF AND THE USE THEREOF. SUBSTANTIALLY FIBRE-FREE CELLULOSE ETHERS WHICH EXHIBIT IMPROVED WATER RETENTION, A PROCESS FOR THE PRODUCTION	THE DOW CHEMICAL COMPANY	10/12/1998 98965627.7	1025130	08/04/2004 1025130
WC005492-BR-PC	1 Brazil	THEREOF AND THE USE THEREOF. SUBSTANTIALLY FIBRE-FREE CELLULOSE ETHERS WHICH EXHIBIT IMPROVED WATER RETENTION, A PROCESS FOR THE PRODUCTION	THE DOW CHEMICAL COMPANY	10/12/1998 PI9812971.6	PI9812971.6	02/27/2007 PI9812971.6
WC005492-DE-EP	T Germany	THEREOF AND THE USE THEREOF. SUBSTANTIALLY FIBRE-FREE CELLULOSE ETHERS WHICH EXHIBIT IMPROVED WATER RETENTION, A PROCESS FOR THE PRODUCTION	THE DOW CHEMICAL COMPANY	10/12/1998 98965627.7	1025130	08/04/2004 59811769.5
WC005492-FR-EP	T France	THEREOF AND THE USE THEREOF.	THE DOW CHEMICAL COMPANY	10/12/1998 98965627.7	1025130	08/04/2004 1025130

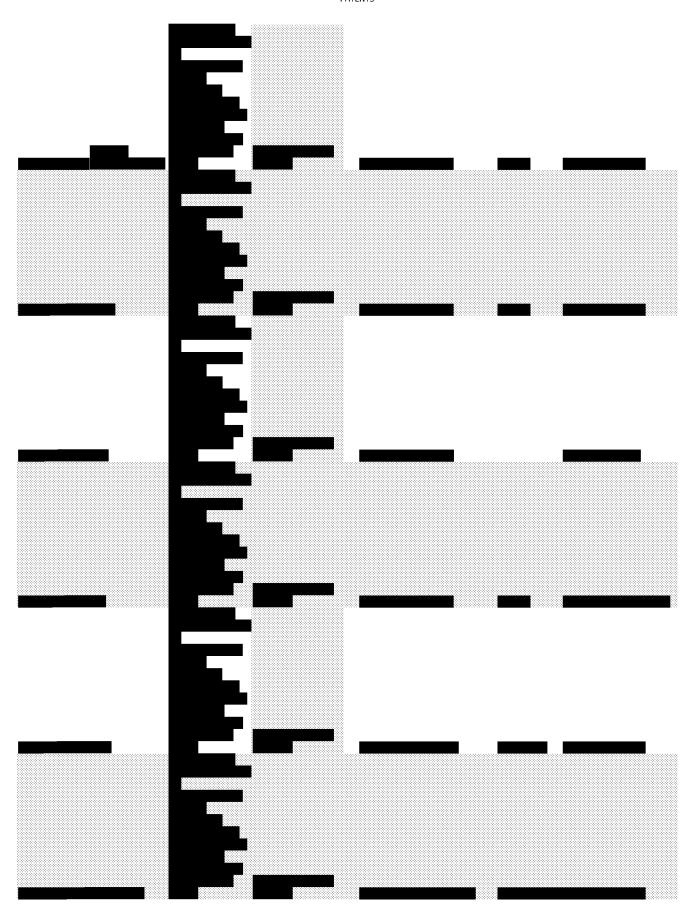
WC005492-GB-EP1 United Kingdom	SUBSTANTIALLY FIBRE FREE CELLULOSE ETHERS WHICH EXHIBIT IMPROVED WATER RETENTION, A PROCESS FOR THE PRODUCTION THEREOF AND THE USE THEREOF. SUBSTANTIALLY FIBRE-FREE CELLULOSE ETHERS WHICH EXHIBIT IMPROVED WATER RETENTION, A PROCESS FOR THE PRODUCTION THEREOF AND THE	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL	10/12/1998	98965627.7	1025130	08/04/2004 1025130
WC005492-IE-EPT Ireland	USE THEREOF.	COMPANY	10/12/1998	98965627.7	1025130	08/04/2004 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. SUBSTANTIALLY FIBRE-FREE CELLULOSE ETHERS WHICH EXHIBIT IMPROVED WATER RETENTION, A PROCESS FOR THE PRODUCTION THEREOF AND THE	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL	10/12/1998	10-2000-7004163	10-2001-0031	; 10/28/2005 0526374
WC005492-NL-EPT Netherlands	USE THEREOF.	COMPANY	10/12/1998	98965627.7	1025130	08/04/2004 1025130
WC005492-SE-EPT Sweden  United States Of	SUBSTANTIALLY FIBRE-FREE CELLULOSE ETHERS WHICH EXHIBIT IMPROVED WATER RETENTION, A PROCESS FOR THE PRODUCTION THEREOF AND THE USE THEREOF. SUBSTANTIALLY FIBRE-FREE CELLULOSE ETHERS WHICH EXHIBIT IMPROVED WATER RETENTION, A PROCESS FOR THE PRODUCTION THEREOF AND THE	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL	10/12/1998	98965627 7	1025130	08/04/2004 1025130
WC005492-US-PC7 America	USE THEREOF.	COMPANY	10/12/1998	09/529705		07/15/2003 6593468
WC005532-BR-PC1Brazil	METHOD FOR PRODUCING COMPACTED FREE- FLOWING RAW MATERIALS FOR VARNISH METHOD FOR PRODUCING COMPACTED FREE- FLOWING RAW MATERIALS FOR	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL	02/23/2000		PI0008706.8	11/03/2010 PI0008706.8
WC005532-CN-NP China	VARNISH	COMPANY	02/23/2000	00804462.7	1342168	04/21/2004 00804462.7

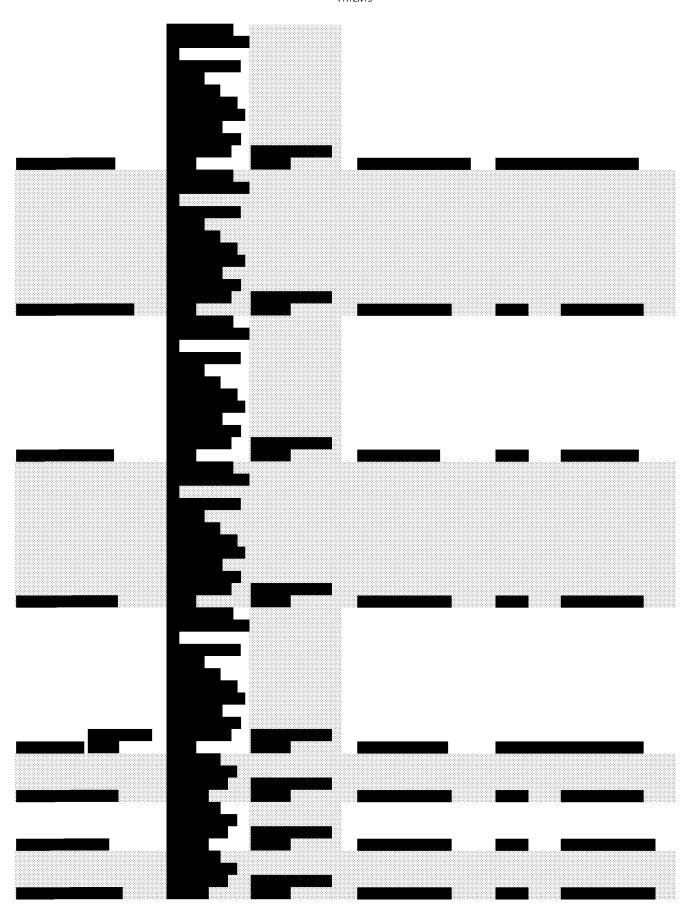


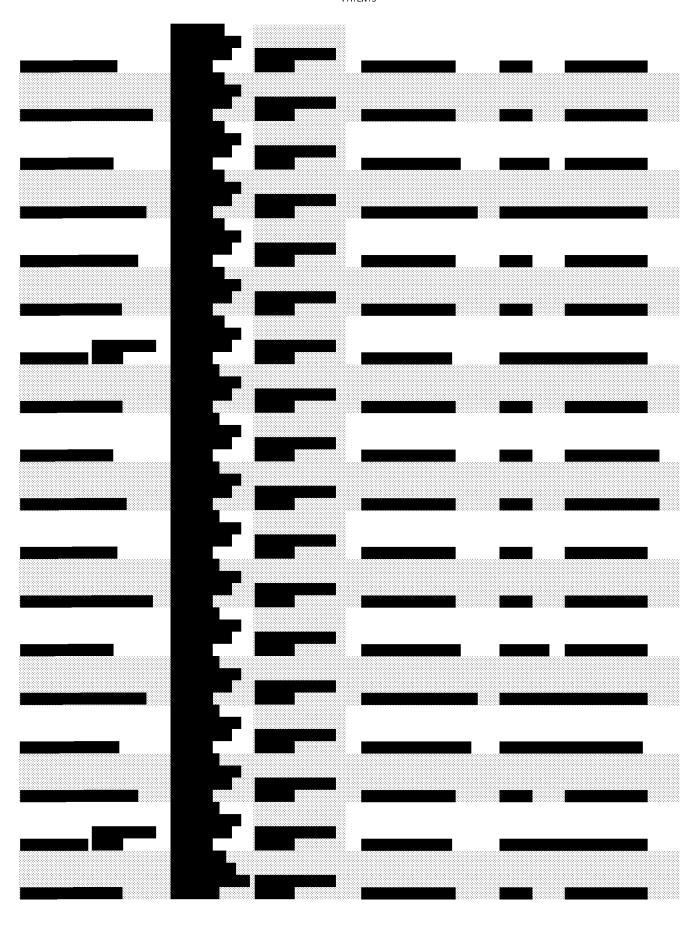


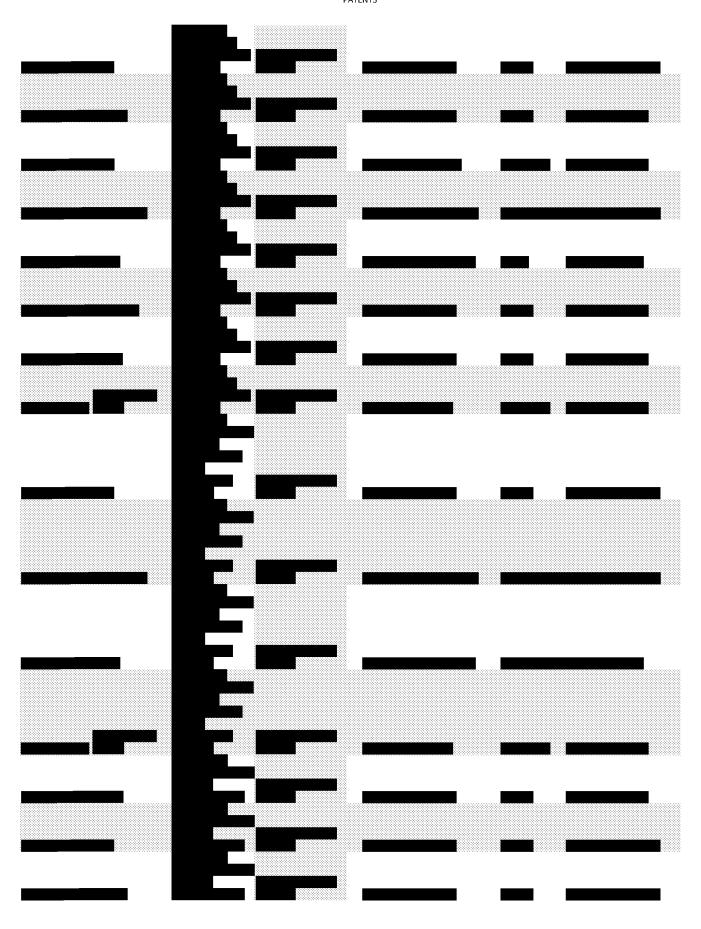








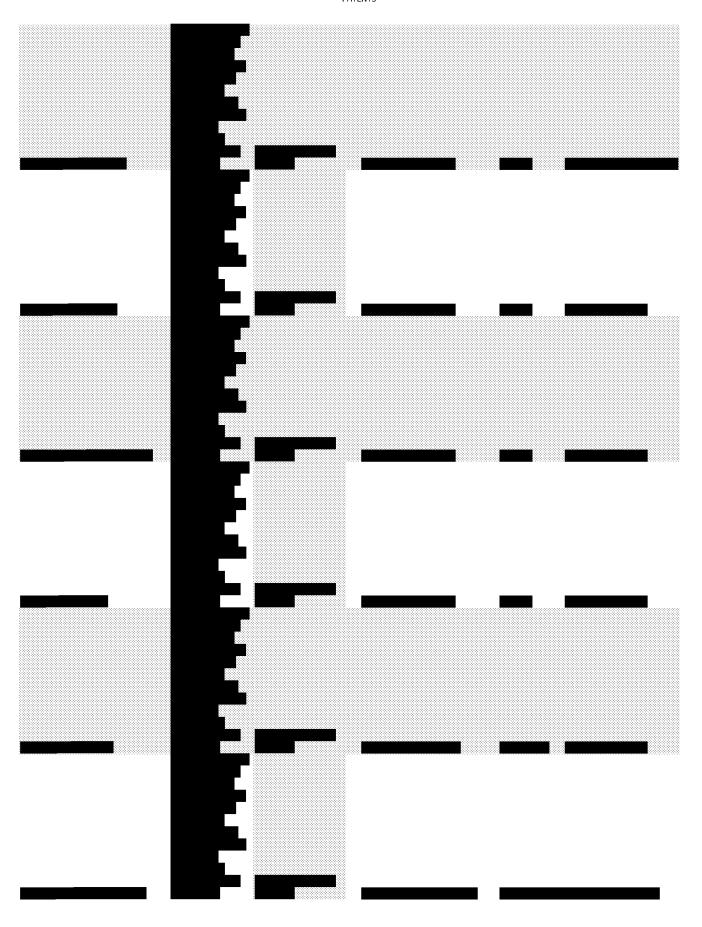


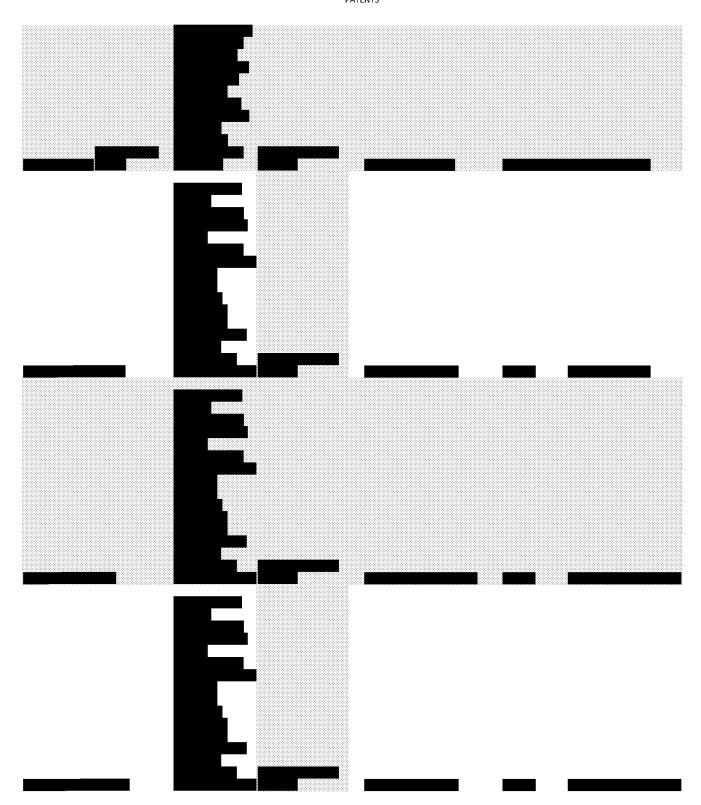


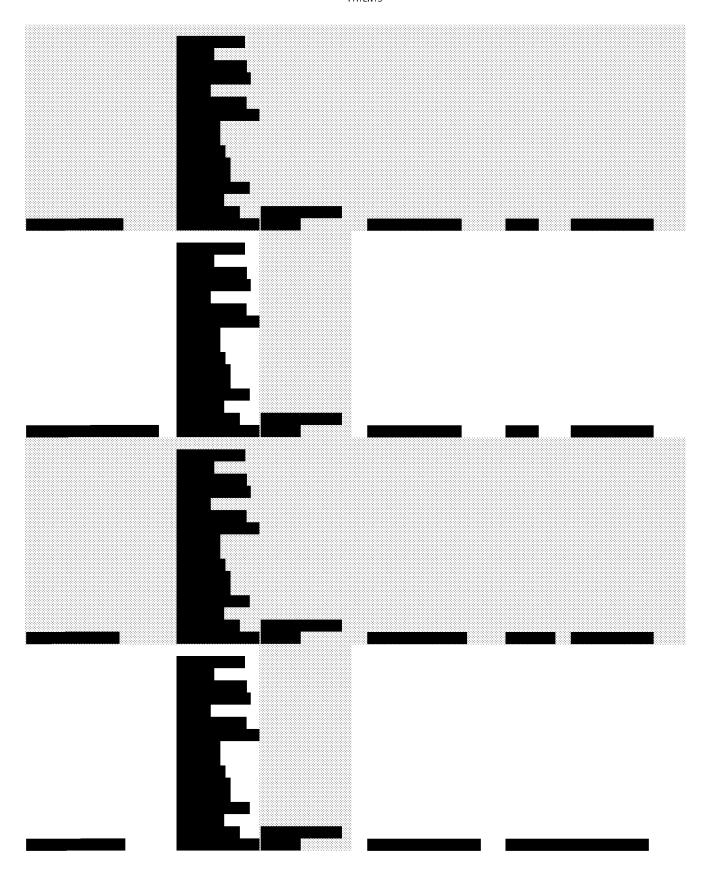


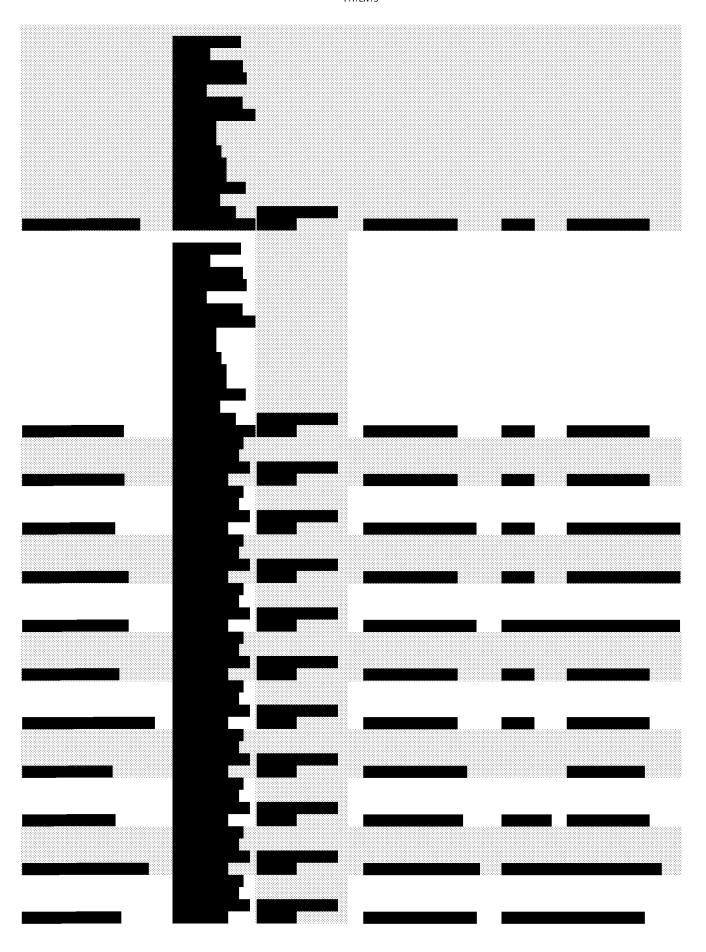
	CELLULOSE				
	DERIVATIVES HAVING GEL-LIKE				
	RHEOLOGICAL				
	PROPERTIES AND PROCESS FOR THE				
	PROCESS FOR THE	THE DOW CHEMICAL			
WC005616-AT-EP# Austria	THEREOF	COMPANY	07/15/2003 03016027.9	1384727	07/02/2008 1384727
	CELLULOSE				
	DERIVATIVES HAVING GEL-LIKE				
	RHEOLOGICAL				
	PROPERTIES AND				
	PROCESS FOR THE PREPARATION	THE DOW CHEMICAL			
WC005616-BE-EP# Belgium	THEREOF	COMPANY	07/15/2003 03016027.9	1384727	07/02/2008 1384727
	CELLULOSE DERIVATIVES				
	HAVING GEL-LIKE				
	RHEOLOGICAL				
	PROPERTIES AND PROCESS FOR THE				
	PREPARATION	THE DOW CHEMICAL			
WC005616-CH-EP/Switzerland	THEREOF	COMPANY	07/15/2003 03016027.9	1384727	07/02/2008 1384727
	CELLULOSE DERIVATIVES				
	HAVING GEL-LIKE				
	RHEOLOGICAL				
	PROPERTIES AND PROCESS FOR THE				
	PREPARATION	THE DOW CHEMICAL			
WC005616-CN-NP China	THEREOF	COMPANY	07/25/2003 03133187.4	1475507	06/06/2007 03133187.4
	CELLULOSE DERIVATIVES				
	HAVING GEL-LIKE				
	RHEOLOGICAL PROPERTIES AND				
	PROCESS FOR THE				
MICOOFCAC DE EDAC	PREPARATION	THE DOW CHEMICAL	07/45/2002 02040027 0	4204727	07/02/2000 50240050 5
WC005616-DE-EP/ Germany	THEREOF CELLULOSE	COMPANY	07/15/2003 03016027.9	1384727	07/02/2008 50310059.5
	DERIVATIVES				
	HAVING GEL-LIKE RHEOLOGICAL				
	PROPERTIES AND				
	PROCESS FOR THE	THE BOW CHES 1011			
WC005616-ES-EPA Spain	PREPARATION THEREOF	THE DOW CHEMICAL COMPANY	07/15/2003 03016027.9	1384727	07/02/2008 1384727
***************************************	CELLULOSE				
	DERIVATIVES HAVING GEL-LIKE				
	RHEOLOGICAL				
	PROPERTIES AND				
	PROCESS FOR THE PREPARATION	THE DOW CHEMICAL			
WC005616-FR-EPA France	THEREOF	COMPANY	07/15/2003 03016027.9	1384727	07/02/2008 1384727
	CELLULOSE DERIVATIVES				
	HAVING GEL-LIKE				
	RHEOLOGICAL				
	PROPERTIES AND PROCESS FOR THE				
	PREPARATION	THE DOW CHEMICAL			
WC005616-GB-EP/ United Kingdom	THEREOF	COMPANY	07/15/2003 03016027.9	1384727	07/02/2008 1384727
	CELLULOSE DERIVATIVES				
	HAVING GEL-LIKE				
	RHEOLOGICAL PROPERTIES AND				
	PROCESS FOR THE				
	PREPARATION	THE DOW CHEMICAL	07/45/0005 5555	نندو	07/02/0057 1777
WC005616-IE-EPA Ireland	THEREOF	COMPANY	07/15/2003 03016027.9	1384727	07/02/2008 1384727

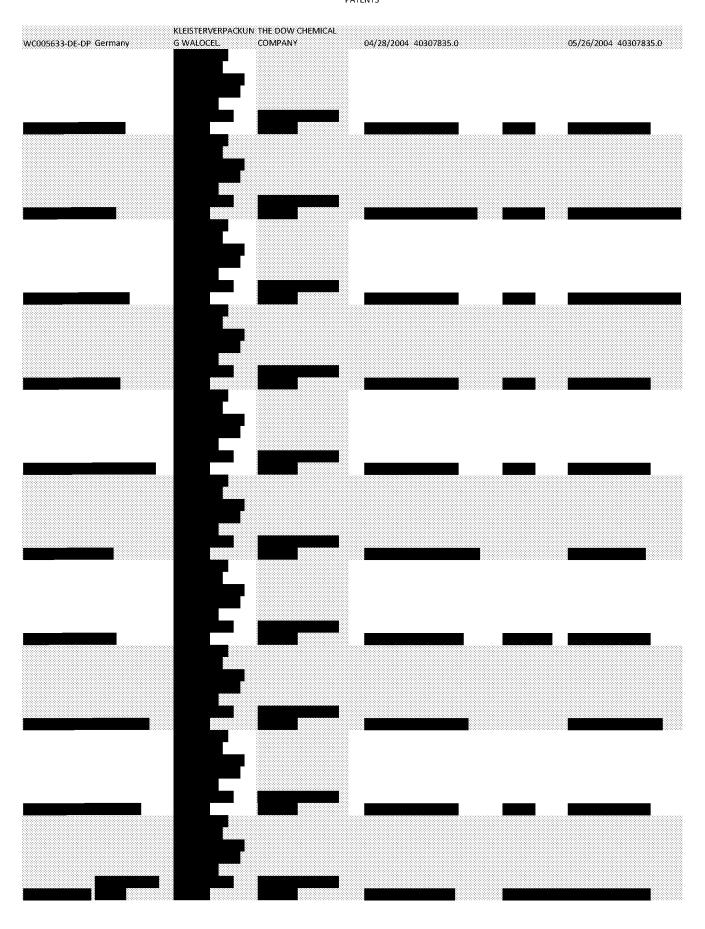
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07/02/2008 1384727
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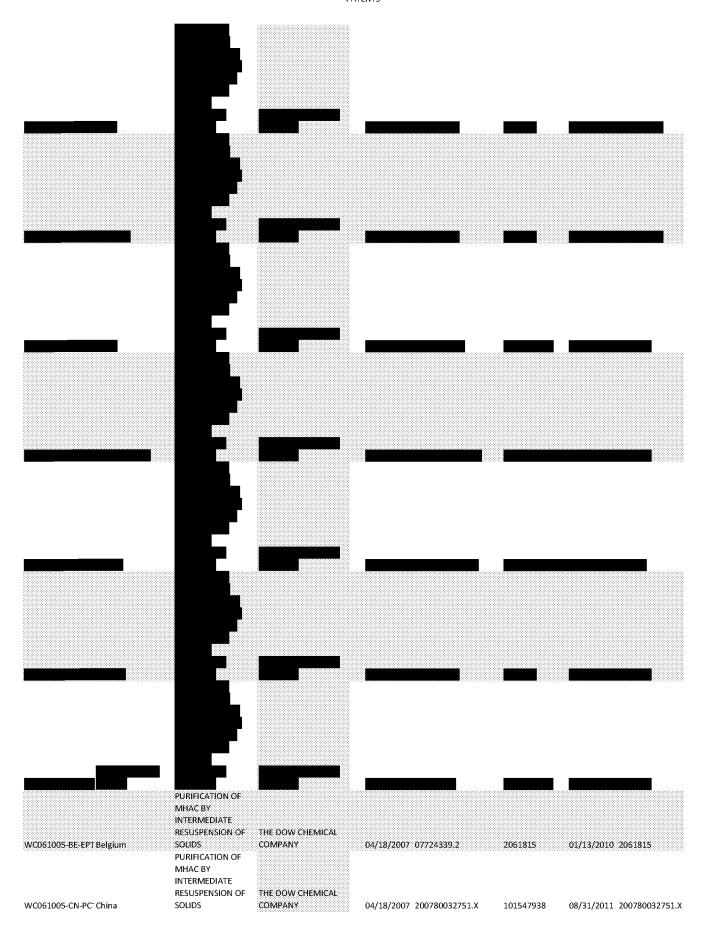




Schedule A to IP Assignment Agreement **PATENT REEL: 052684 FRAME: 0873** 

	METHOD FOR					
	PREPARING OAT HUSKS FOR XYLAN	THE DOW CHEMICAL				
WC005638-AU-PC Australia	PRODUCTION METHOD FOR	COMPANY	07/18/2005 200	)5263595	2005263595	07/07/2011 2005263595
	PREPARING OAT					
WC005638-DE-EPT Germany	HUSKS FOR XYLAN PRODUCTION	THE DOW CHEMICAL COMPANY	07/18/2005 057	774840.2	1769006	01/02/2008 502005002433.8
	METHOD FOR PREPARING OAT					
	HUSKS FOR XYLAN	THE DOW CHEMICAL				
WC005638-FR-EPT France	PRODUCTION METHOD FOR	COMPANY	07/18/2005 057	74840.2	1769006	01/02/2008 1769006
	PREPARING OAT HUSKS FOR XYLAN	THE DOW CHEMICAL				
WC005638-GB-EP1 United Kingdom	PRODUCTION	COMPANY	07/18/2005 057	74840.2	1769006	01/02/2008 1769006
	PROCESS FOR PREPARING					
	METHYHYDROXYALK					
	YLCELLULOSE HAVING A SMALL					
MICOOFCAA DE EDAC	AMOUNT OF COLORED PARTICLES	THE DOW CHEMICAL	00/07/2006 060	7,004.2	4764272	04/27/2016 F020060140044
WC005644-DE-EP# Germany	COLORED PARTICLES	CUMPANT	09/07/2006 060	776691.2	1764373	04/27/2016 502006014904.4
	PROCESS FOR PREPARING					
	METHYHYDROXYALK					
	YLCELLULOSE HAVING A SMALL					
WC005644-FR-EPA France	AMOUNT OF COLORED PARTICLES	THE DOW CHEMICAL COMPANY	09/07/2006 060	076691.2	1764373	04/27/2016 1764373
	DDOCECC FOR					
	PROCESS FOR PREPARING					
	METHYHYDROXYALK YLCELLULOSE					
	HAVING A SMALL	THE BOW CHEATON				
WC005644-GB-EP/ United Kingdom	AMOUNT OF COLORED PARTICLES	THE DOW CHEMICAL COMPANY	09/07/2006 060	76691.2	1764373	04/27/2016 1764373
	PROCESS FOR					
	PREPARING METHYHYDROXYALK					
	YLCELLULOSE					
	HAVING A SMALL AMOUNT OF	THE DOW CHEMICAL				
WC005644-JP-NP Japan	COLORED PARTICLES	COMPANY	09/15/2006 200	06-251014	2007-083231	10/14/2011 4839422
	PROCESS FOR					
	PREPARING METHYHYDROXYALK					
	YLCELLULOSE HAVING A SMALL					
United States Of	AMOUNT OF	THE DOW CHEMICAL	00/45/2000 44/		2007 0240044	00/40/0040 0407000
WC005644-US-NP America	COLORED PARTICLES STARCH	CUMPANY	09/15/2006 11/	522218	2007-0210014	06/12/2012 8197699
	PHOSPHATES AND METHOD FOR THE					
WEGGE 647 DE NO GORMANA	PRODUCTION THEREOF	THE DOW CHEMICAL COMPANY	03/01/3006 103	IOGEODAESC S		12/20/2007 10200E004E96
WC005647-DE-NP Germany	STARCH	COMPANT	02/01/2005 102	:005004586.5		12/20/2007 102005004586
	PHOSPHATES, METHOD FOR THE					
	PRODUCTION	THE DOWN CHEMICAL				
WC005648-DE-EP/ Germany	USE	THE DOW CHEMICAL COMPANY	02/01/2006 067	706561.5	1891117	11/16/2011 1891117
	STARCH PHOSPHATES,					
	METHOD FOR THE PRODUCTION					
	THEREOF AND THEIR	THE DOW CHEMICAL				
WC005648-DE-NP Germany	USE	COMPANY	02/01/2005 102	2005004600,2		08/31/2006 102005004600

	STABLE				
	HEMICELLULOSE				
	PASTE, METHOD FOR				
	PRODUCING SAID PASTE AND USE OF	THE DOW CHEMICAL			
WC005649-DE-NP Germany	THE LATTER	COMPANY	06/07/2005 102005026223	102005026223	
WC003849-DE-NP Germany	STABLE	CONFANT	00/07/2003 102003020223	102003020223	
	HEMICELLULOSE				
	PASTE, METHOD FOR				
	PRODUCING SAID				
European	PASTE AND USE OF	THE DOW CHEMICAL			
WC005649-EP-EPT Procedure (Patent	) THE LATTER	COMPANY	06/07/2006 06743120.5	1902069	
	CELLULOSE-ETHER				
	COMPOSITION FOR				
	EXTRUDING				
		THE DOW CHEMICAL			
WC005652-BE-EPT Belgium	BODIES	COMPANY	06/20/2006 06743176.7	1896375	08/13/2014 1896375
	CELLULOSE-ETHER				
	COMPOSITION FOR EXTRUDING				
		THE DOW CHEMICAL			
WC005652-CN-PC China	BODIES	COMPANY	06/20/2006 200680022493.2	101248023	01/02/2013 200680022493.2
	CELLULOSE-ETHER				
	COMPOSITION FOR				
	EXTRUDING				
	INORGANIC SHAPED	THE DOW CHEMICAL			
WC005652-FR-EPT France	BODIES	COMPANY	06/20/2006 06743176.7	1896375	08/13/2014 1896375
	CELLULOSE-ETHER				
	COMPOSITION FOR				
	EXTRUDING	THE DOW CHEMICAL			
WC005652-JP-NP Japan	BODIES	COMPANY	08/04/2005 2005-227170	2007009165	03/06/2009 4273100
WCDDGG2-11-1W Japan	CELLULOSE-ETHER	SOME ON I	06/04/2003 2003-22/170	2007005103	03/00/2005 42/3100
	COMPOSITION FOR				
	EXTRUDING				
	EXTRUDING	THE DOW CHEMICAL			
WC005652-KR-PCT SOUTH KOREA	EXTRUDING	THE DOW CHEMICAL COMPANY	06/20/2006 10-2007-7030807		07/12/2013 10-1287731
WC005652-KR-PCT SOUTH KOREA	EXTRUDING INORGANIC SHAPED BODIES CELLULOSE-ETHER		06/20/2006 10-2007-7030807		07/12/2013 10-1287731
WC005652-KR-PCT SOUTH KOREA	EXTRUDING INORGANIC SHAPED BODIES CELLULOSE-ETHER COMPOSITION FOR		06/20/2006 10-2007-7030807		07/12/2013 10-1287731
WC005652-KR-PCT SOUTH KOREA	EXTRUDING INORGANIC SHAPED BODIES CELLULOSE-ETHER COMPOSITION FOR EXTRUDING	COMPANY	06/20/2006 10-2007-7030807		07/12/2013 10-1287731
	EXTRUDING INORGANIC SHAPED BODIES CELLULOSE-ETHER COMPOSITION FOR EXTRUDING INORGANIC SHAPED	COMPANY THE DOW CHEMICAL			
WC005652-KR-PCT SOUTH KOREA  WC005652-MX-PC Mexico	EXTRUDING INORGANIC SHAPED BODIES CELLULOSE-ETHER COMPOSITION FOR EXTRUDING INORGANIC SHAPED BODIES	COMPANY	06/20/2006 10-2007-7030807 06/20/2006 MX/a/07/016495	MX/a/07/0164	07/12/2013 10-1287731 11/12/2009 271761
	EXTRUDING INORGANIC SHAPED BODIES CELLULOSE-ETHER COMPOSITION FOR EXTRUDING INORGANIC SHAPED BODIES CELLULOSE-ETHER	COMPANY THE DOW CHEMICAL		MX/a/07/0164	
	EXTRUDING INORGANIC SHAPED BODIES CELLULOSE-ETHER COMPOSITION FOR EXTRUDING INORGANIC SHAPED BODIES CELLULOSE-ETHER COMPOSITION FOR	COMPANY THE DOW CHEMICAL		MX/a/07/0164	
	EXTRUDING INORGANIC SHAPED BODIES CELLULOSE-ETHER COMPOSITION FOR EXTRUDING INORGANIC SHAPED BODIES CELLULOSE-ETHER COMPOSITION FOR EXTRUDING	COMPANY THE DOW CHEMICAL		MX/a/07/0164	
	EXTRUDING INORGANIC SHAPED BODIES CELLULOSE-ETHER COMPOSITION FOR EXTRUDING INORGANIC SHAPED BODIES CELLULOSE-ETHER COMPOSITION FOR EXTRUDING	COMPANY  THE DOW CHEMICAL COMPANY		MX/a/07/0164 1896375	
WC005652-MX-PC Mexico	EXTRUDING INORGANIC SHAPED BODIES CELLULOSE-ETHER COMPOSITION FOR EXTRUDING INORGANIC SHAPED BODIES CELLULOSE-ETHER COMPOSITION FOR EXTRUDING INORGANIC SHAPED	COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL	06/20/2006 MX/a/07/016495		11/12/2009 271761
WC005652-MX-PC Mexico	EXTRUDING INORGANIC SHAPED BODIES CELLULOSE-ETHER COMPOSITION FOR EXTRUDING INORGANIC SHAPED BODIES CELLULOSE-ETHER COMPOSITION FOR EXTRUDING INORGANIC SHAPED BODIES CELLULOSE-ETHER COMPOSITION FOR	COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL	06/20/2006 MX/a/07/016495		11/12/2009 271761
WC005652-MX-PC Mexico	EXTRUDING INORGANIC SHAPED BODIES CELLULOSE-ETHER COMPOSITION FOR EXTRUDING INORGANIC SHAPED BODIES CELLULOSE-ETHER COMPOSITION FOR EXTRUDING INORGANIC SHAPED BODIES CELLULOSE-ETHER COMPOSITION FOR EXTRUDING	COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	06/20/2006 MX/a/07/016495		11/12/2009 271761
WC005652-MX-PC Mexico  WC005652-NL-EPT Netherlands	EXTRUDING INORGANIC SHAPED BODIES CELLULOSE-ETHER COMPOSITION FOR EXTRUDING INORGANIC SHAPED	COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL	06/20/2006 MX/a/07/016495 06/20/2006 06743176.7	1896375	11/12/2009 271761 08/13/2014 1896375
WC005652-MX-PC Mexico	EXTRUDING INORGANIC SHAPED BODIES CELLULOSE-ETHER COMPOSITION FOR EXTRUDING INORGANIC SHAPED BODIES CELLULOSE-ETHER COMPOSITION FOR EXTRUDING INORGANIC SHAPED BODIES CELLULOSE-ETHER COMPOSITION FOR EXTRUDING INORGANIC SHAPED BODIES INORGANIC SHAPED BODIES INORGANIC SHAPED BODIES	COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	06/20/2006 MX/a/07/016495		11/12/2009 271761
WC005652-MX-PC Mexico  WC005652-NL-EPT Netherlands	EXTRUDING INORGANIC SHAPED BODIES CELLULOSE-ETHER COMPOSITION FOR EXTRUDING INORGANIC SHAPED BODIES CELLULOSE-ETHER COMPOSITION FOR EXTRUDING INORGANIC SHAPED BODIES CELLULOSE-ETHER COMPOSITION FOR EXTRUDING INORGANIC SHAPED BODIES CELLULOSE-ETHER EXTRUDING INORGANIC SHAPED BODIES CELLULOSE-ETHER	COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL	06/20/2006 MX/a/07/016495 06/20/2006 06743176.7	1896375	11/12/2009 271761 08/13/2014 1896375
WC005652-MX-PC Mexico  WC005652-NL-EPT Netherlands	EXTRUDING INORGANIC SHAPED BODIES CELLULOSE-ETHER COMPOSITION FOR	COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL	06/20/2006 MX/a/07/016495 06/20/2006 06743176.7	1896375	11/12/2009 271761 08/13/2014 1896375
WC005652-MX-PC Mexico  WC005652-NL-EPT Netherlands	EXTRUDING INORGANIC SHAPED BODIES CELLULOSE-ETHER COMPOSITION FOR EXTRUDING	COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL	06/20/2006 MX/a/07/016495 06/20/2006 06743176.7	1896375	11/12/2009 271761 08/13/2014 1896375
WC005652-MX-PC Mexico  WC005652-NL-EPT Netherlands  WC005652-PL-EPT Poland	EXTRUDING INORGANIC SHAPED BODIES CELLULOSE-ETHER COMPOSITION FOR EXTRUDING	COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	06/20/2006 MX/a/07/016495 06/20/2006 06743176.7	1896375	11/12/2009 271761 08/13/2014 1896375
WC005652-MX-PC Mexico  WC005652-NL-EPT Netherlands  WC005652-PL-EPT Poland  United States Of	EXTRUDING INORGANIC SHAPED BODIES CELLULOSE-ETHER COMPOSITION FOR EXTRUDING INORGANIC SHAPED	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	06/20/2006 MX/a/07/016495  06/20/2006 06743176.7  06/20/2006 06743176.7	1896375 1896375	11/12/2009 271761 08/13/2014 1896375 08/13/2014 1896375
WC005652-MX-PC Mexico  WC005652-NL-EPT Netherlands  WC005652-PL-EPT Poland  United States Of	EXTRUDING INORGANIC SHAPED BODIES CELLULOSE-ETHER COMPOSITION FOR EXTRUDING INORGANIC SHAPED	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	06/20/2006 MX/a/07/016495  06/20/2006 06743176.7  06/20/2006 06743176.7	1896375 1896375	11/12/2009 271761 08/13/2014 1896375 08/13/2014 1896375
WC005652-MX-PC Mexico  WC005652-NL-EPT Netherlands  WC005652-PL-EPT Poland  United States Of	EXTRUDING INORGANIC SHAPED BODIES CELLULOSE-ETHER COMPOSITION FOR EXTRUDING INORGANIC SHAPED	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	06/20/2006 MX/a/07/016495  06/20/2006 06743176.7  06/20/2006 06743176.7	1896375 1896375	11/12/2009 271761 08/13/2014 1896375 08/13/2014 1896375
WC005652-MX-PC Mexico  WC005652-NL-EPT Netherlands  WC005652-PL-EPT Poland  United States Of	EXTRUDING INORGANIC SHAPED BODIES CELLULOSE-ETHER COMPOSITION FOR EXTRUDING INORGANIC SHAPED	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	06/20/2006 MX/a/07/016495  06/20/2006 06743176.7  06/20/2006 06743176.7	1896375 1896375	11/12/2009 271761 08/13/2014 1896375 08/13/2014 1896375
WC005652-MX-PC Mexico  WC005652-NL-EPT Netherlands  WC005652-PL-EPT Poland  United States Of	EXTRUDING INORGANIC SHAPED BODIES CELLULOSE-ETHER COMPOSITION FOR EXTRUDING INORGANIC SHAPED	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	06/20/2006 MX/a/07/016495  06/20/2006 06743176.7  06/20/2006 06743176.7	1896375 1896375	11/12/2009 271761 08/13/2014 1896375 08/13/2014 1896375
WC005652-MX-PC Mexico  WC005652-NL-EPT Netherlands  WC005652-PL-EPT Poland  United States Of	EXTRUDING INORGANIC SHAPED BODIES CELLULOSE-ETHER COMPOSITION FOR EXTRUDING INORGANIC SHAPED	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	06/20/2006 MX/a/07/016495  06/20/2006 06743176.7  06/20/2006 06743176.7	1896375 1896375	11/12/2009 271761 08/13/2014 1896375 08/13/2014 1896375
WC005652-MX-PC Mexico  WC005652-NL-EPT Netherlands  WC005652-PL-EPT Poland  United States Of	EXTRUDING INORGANIC SHAPED BODIES CELLULOSE-ETHER COMPOSITION FOR EXTRUDING INORGANIC SHAPED	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	06/20/2006 MX/a/07/016495  06/20/2006 06743176.7  06/20/2006 06743176.7	1896375 1896375	11/12/2009 271761 08/13/2014 1896375 08/13/2014 1896375
WC005652-MX-PC Mexico  WC005652-NL-EPT Netherlands  WC005652-PL-EPT Poland  United States Of	EXTRUDING INORGANIC SHAPED BODIES CELLULOSE-ETHER COMPOSITION FOR EXTRUDING INORGANIC SHAPED	THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY  THE DOW CHEMICAL COMPANY	06/20/2006 MX/a/07/016495  06/20/2006 06743176.7  06/20/2006 06743176.7	1896375 1896375	11/12/2009 271761 08/13/2014 1896375 08/13/2014 1896375



**PATENT** Schedule A to IP Assignment Agreement **REEL: 052684 FRAME: 0876** 

PURIFICATION OF MHAC BY INTERMEDIATE RESUSPENSION OF THE DOW CHEMICAL WC061005-DE-EPT Germany SOLIDS COMPANY PURIFICATION OF MHAC BY INTERMEDIATE	04/18/2007 07724339.2 2061815 01/13/2010 502007002640.9-
RESUSPENSION OF THE DOW CHEMICAL SOLIDS COMPANY PURIFICATION OF MHAC BY INTERMEDIATE RESUSPENSION OF THE DOW CHEMICAL WCO61005-JP-PCT Japan SOLIDS COMPANY PURIFICATION OF MHAC BY INTERMEDIATE RESUSPENSION OF THE DOW CHEMICAL WCO61005-JP-PCT Japan SOLIDS COMPANY PURIFICATION OF MHAC BY INTERMEDIATE	04/18/2007 1339/CHENP/2009 06/24/2016 273732 04/18/2007 2009-527021 2010-502793 04/19/2013 5249222
INTERMEDIATE RESUSPENSION OF THE DOW CHEMICAL COMPANY PURIFICATION OF MHAC BY INTERMEDIATE RESUSPENSION OF THE DOW CHEMICAL COMPANY OF THE DOW CHEMICAL COMPANY PURIFICATION OF MHAC BY PURIFICATION OF MHAC BY	04/18/2007 2009-7004759 10/23/2014 10-1456067 04/18/2007 MX/a/2009/002557 11/12/2010 280968
INTERMEDIATE RESUSPENSION OF THE DOW CHEMICAL SOLIDS COMPANY PURIFICATION OF MHAC BY INTERMEDIATE RESUSPENSION OF THE DOW CHEMICAL RESUSPENSION OF THE DOW CHEMICAL WCD61005-SE-EPT Sweden SOLIDS COMPANY PRODUCTION OF	04/18/2007 07724339.2 2061815 01/13/2010 2061815 04/18/2007 07724339.2 2061815 01/13/2010 2061815
CELLULOSE THE DOW CHEMICAL WC061007-DE-EPT Germany NANOPARTICLES COMPANY PRODUCTION OF CELLULOSE THE DOW CHEMICAL WC061007-FI-EPT Finland NANOPARTICLES COMPANY PRODUCTION OF CELLULOSE THE DOW CHEMICAL WC061007-FR-EPT France NANOPARTICLES COMPANY	11/29/2007 07856299.8       2167568       07/25/2012 602007024240.1         11/29/2007 07856299.8       2167568       07/25/2012 2167568         11/29/2007 07856299.8       2167568       07/25/2012 2167568
PRODUCTION OF CELLULOSE THE DOW CHEMICAL WCO61007-GB-EPT United Kingdom NANOPARTICLES COMPANY PRODUCTION OF CELLULOSE THE DOW CHEMICAL WCO61007-SE-EPT Sweden NANOPARTICLES COMPANY PRODUCTION OF United States Of CELLULOSE THE DOW CHEMICAL	11/29/2007 07856299.8       2167568       07/25/2012 2167568         11/29/2007 07856299.8       2167568       07/25/2012 2167568
WC061007-US-PC1America  NANOPARTICLES  Verfahren zur  Darstellung von  Cellulosenanopartike  In aus amorpher  WC061009-BE-EPA Belgium  Cellulose  COMPANY  Verfahren zur  Darstellung von	11/29/2007 12/518155 2010-0272819 05/22/2012 8182839  08/10/2007 07015804.3 2022801 01/17/2018 2022801
Cellulosenanopartike In aus amorpher THE DOW CHEMICAL WC061009-BR-PCT Brazil Cellulose COMPANY Verfahren zur Darstellung von Cellulosenanopartike In aus amorpher THE DOW CHEMICAL WC061009-CN-PC* China Cellulose COMPANY	08/08/2008 Pi0812619.4  08/08/2008 200880101789.2 101772515 01/09/2013 200880101789.2
Verfahren zur Darstellung von Cellulosenanopartike In aus amorpher THE DOW CHEMICAL WC061009-DE-EP# Germany Cellulose COMPANY	08/10/2007 07015804.3 2022801 01/17/2018 502007016022.9

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	rstellung von Ilulosenanopartike				
		THE DOW CHEMICAL			
WC061009-EP-EPA Procedure (Patents) Cell	rana and a said a s	COMPANY	08/10/2007 07015804.3	2022801	01/17/2018 2022801
	rfahren zur rstellung von				
	llulosenanopartike				
		THE DOW CHEMICAL			
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	rstellung von				
	llulosenanopartike				
		THE DOW CHEMICAL COMPANY	00/10/2007 07015004 2	2022001	04 /47 /2040 2022004
	llulose rfahren zur	COMPANY	08/10/2007 07015804.3	2022801	01/17/2018 2022801
Dar	rstellung von				
	llulosenanopartike	THE BOILD EVENIEN			
		THE DOW CHEMICAL COMPANY	08/08/2008 2010-519385	2010-535868	11/06/2015 5833310
	rfahren zur				
	rstellung von				
	Ilulosenanopartike aus amorpher	THE DOW CHEMICAL			
		COMPANY	08/10/2007 07015804.3	2022801	01/17/2018 2022801
	rfahren zur				
	rstellung von Ilulosenanopartike				
		THE DOW CHEMICAL			
		COMPANY	08/10/2007 07015804.3	2022801	01/17/2018 2022801
	NOPARTICLES ADE OF				
		THE DOW CHEMICAL			
		COMPANY	08/08/2008 12/672824	2011-0293732	05/13/2014 8722092
	UBLE-CONE XER WITH	THE DOW CHEMICAL			
		COMPANY	06/27/2006 06013181.0	1872848	09/23/2009 1872848
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		THE DOW CHEMICAL COMPANY	06/27/2006 06012191 0	1872848	00/22/2000 1072040
	FFLES FUBLE-CONE	COMENT	06/27/2006 06013181.0	18/2848	09/23/2009 1872848
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	UBLE-CONE XER WITH	THE DOW CHEMICAL			
		COMPANY	06/26/2007 10-2007-6286	62	01/17/2014 10-1355250
	UBLE-CONE	THE POWER CHERAGERS			
		THE DOW CHEMICAL COMPANY	06/27/2006 06013181.0	1872848	09/23/2009 1872848
DOI	UBLE-CONE				
		THE DOW CHEMICAL	00/27/2000 00042424	4073040	00/22/2000 4072040
	FFLES THYL HYDROXY	COMPANY	06/27/2006 06013181.0	1872848	09/23/2009 1872848
PRC	OPYL CELLULOSE				
	HPC) FOR	THE MOUSE CHES SECOL			
		THE DOW CHEMICAL COMPANY	03/15/2008 08716568.4	2134752	04/19/2017 2134752
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	OPYL CELLULOSE				
	HPC) FOR NERAL BOUND	THE DOW CHEMICAL			
WC061011-CN-PC China BUI	ILDING SYSTEMS	COMPANY	03/15/2008 20088001123	35.3 101652391	02/23/2012 200880011235.3
	THYL HYDROXY				
	OPYL CELLULOSE HPC) FOR				
		THE DOW CHEMICAL			
		COMPANY	03/15/2008 08716568.4	2134752	04/19/2017 602008049824.7
	THYL HYDROXY OPYL CELLULOSE				
	HPC) FOR				
·		THE DOW CHEMICAL	03/15/3009 09310500 4	2124752	04/10/2017 2124752
WC061011-EP-EPT Procedure (Patents) BUI	ונטוועט איז (בועוט	COMPANY	03/15/2008 08716568.4	2134752	04/19/2017 2134752

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	METHYL HYDROXY				
	PROPYL CELLULOSE				
	(MHPC) FOR	THE BOILD CHES SCAL			
	MINERAL BOUND	THE DOW CHEMICAL	ander trans on serios e	~4~4~	
WC061011-FR-EPT France	BUILDING SYSTEMS	COMPANY	03/15/2008 08716568.4	2134752	04/19/2017 2134752
	METHYL HYDROXY				
	PROPYL CELLULOSE				
	(MHPC) FOR				
	MINERAL BOUND	THE DOW CHEMICAL			
WC061011-GB-EP7 United Kingdom	BUILDING SYSTEMS	COMPANY	03/15/2008 08716568.4	2134752	04/19/2017 2134752
	METHYL HYDROXY				
	PROPYL CELLULOSE				
	(MHPC) FOR	THE DOWN ONE NOW			
MICOCAGAA IN DCT L-JL-	MINERAL BOUND	THE DOW CHEMICAL	02/45/2009-5024/59509/2000		04/44/2047 202405
WC061011-IN-PCT India	BUILDING SYSTEMS	COMPANY	03/15/2008 5831/CHENP/2009		04/11/2017 282435
	METHYL HYDROXY PROPYL CELLULOSE				
	(MHPC) FOR				
	MINERAL BOUND	THE DOW CHEMICAL			
WC061011-JP-PCT Japan	BUILDING SYSTEMS	COMPANY	03/15/2008 2010-501399	2010-523741	12/20/2013 5437990
WC001011-3F-FC1 Japan	METHYL HYDROXY	COMENNI	03/13/2008 2010-301399	2010-323741	12/20/2013 343/990
	PROPYL CELLULOSE				
	(MHPC) FOR				
	MINERAL BOUND				
		THE DOW CHEMICAL			
WC061011-KR-PCT SOUTH KOREA	SYSTEMS	COMPANY	03/15/2008 2009-7020802	2010-0015385	01/21/2015 10-1486739
	METHYL HYDROXY				3-//
	PROPYL CELLULOSE				
	(MHPC) FOR				
	MINERAL BOUND	THE DOW CHEMICAL			
WC061011-MX-PC Mexico	BUILDING SYSTEMS	COMPANY	03/15/2008 MX/a/2009/010695	MX/a/2009/01	10695
	METHYL HYDROXY				
	PROPYL CELLULOSE				
	(MHPC) FOR				
	MINERAL BOUND	THE DOW CHEMICAL			
WC061011-NL-EPT Netherlands	BUILDING SYSTEMS	COMPANY	03/15/2008 08716568.4	2134752	04/19/2017 2134752
	METHYL HYDROXY				
	PROPYL CELLULOSE				
	(MHPC) FOR				
	MINERAL BOUND	THE DOW CHEMICAL			
WC061011-SE-EPT Sweden	MINERAL BOUND BUILDING SYSTEMS	THE DOW CHEMICAL	03/15/2008 08716568.4	2134752	04/19/2017 2134752
WC061011-SE-EPT Sweden	MINERAL BOUND BUILDING SYSTEMS PROCESS FOR THE		03/15/2008 08716568.4	2134752	04/19/2017 2134752
WC061011-SE-EPT Sweden	MINERAL BOUND BUILDING SYSTEMS PROCESS FOR THE PREPARATION OF		03/15/2008 08716568.4	2134752	04/19/2017 2134752
WC061011-SE-EPT Sweden	MINERAL BOUND BUILDING SYSTEMS PROCESS FOR THE PREPARATION OF NITROCELLULOSE		03/15/2008 08716568.4	2134752	04/19/2017 2134752
WC061011-SE-EPT Sweden	MINERAL BOUND BUILDING SYSTEMS PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING	COMPANY	03/15/2008 08716568.4	2134752	04/19/2017 2134752
	MINERAL BOUND BUILDING SYSTEMS PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER	COMPANY THE DOW CHEMICAL		2134752	
WC061011-SE-EPT Sweden WC061016-BR-PCI Brazil	MINERAL BOUND BUILDING SYSTEMS PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT	COMPANY	03/15/2008 08716568.4 03/31/2008 PI0809066.1	2134752	04/19/2017 2134752 07/10/2013 PI0809066.1
	MINERAL BOUND BUILDING SYSTEMS PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT PROCESS FOR THE	COMPANY THE DOW CHEMICAL		2134752	
	MINERAL BOUND BUILDING SYSTEMS PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT PROCESS FOR THE PREPARATION OF	COMPANY THE DOW CHEMICAL		2134752	
	MINERAL BOUND BUILDING SYSTEMS PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT PROCESS FOR THE PREPARATION OF NITROCELLULOSE	COMPANY THE DOW CHEMICAL		2134752	
	MINERAL BOUND BUILDING SYSTEMS PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING	COMPANY THE DOW CHEMICAL COMPANY		2134752	
WC061016-BR-PC1Brazil	MINERAL BOUND BUILDING SYSTEMS PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	03/31/2008 Pi0809066.1	2134752	07/10/2018 PI0809066.1
	MINERAL BOUND BUILDING SYSTEMS PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT	COMPANY THE DOW CHEMICAL COMPANY		2134752	
WC061016-BR-PC1Brazil	MINERAL BOUND BUILDING SYSTEMS PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	03/31/2008 Pi0809066.1	2134752	07/10/2018 PI0809066.1
WC061016-BR-PC1Brazil	MINERAL BOUND BUILDING SYSTEMS PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT PROCESS FOR THE PREPARATION OF	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	03/31/2008 Pi0809066.1	2134752	07/10/2018 PI0809066.1
WC061016-BR-PC1Brazil	MINERAL BOUND BUILDING SYSTEMS PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT PROCESS FOR THE	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	03/31/2008 Pi0809066.1	2134752	07/10/2018 PI0809066.1
WC061016-BR-PC1Brazil	MINERAL BOUND BUILDING SYSTEMS PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT PROCESS FOR THE PREPARATION OF NITROCELLULOSE	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	03/31/2008 Pi0809066.1	2134752	07/10/2018 PI0809066.1
WC061016-BR-PC1Brazil	MINERAL BOUND BUILDING SYSTEMS PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING NITROCELLULOSE SOLUTIONS HAVING	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	03/31/2008 Pi0809066.1	2134752	07/10/2018 PI0809066.1
WCO61016-BR-PCTBrazil WCO61016-CN-PC* China	MINERAL BOUND BUILDING SYSTEMS PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	03/31/2008 Pl0809066.1 03/31/2008 200880010913.4		07/10/2018 PI0809066 1 04/18/2012 200880010913.4
WC061016-BR-PCTBrazil WC061016-CN-PC* China	MINERAL BOUND BUILDING SYSTEMS PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	03/31/2008 Pl0809066.1 03/31/2008 200880010913.4		07/10/2018 PI0809066 1 04/18/2012 200880010913.4
WC061016-BR-PCTBrazil WC061016-CN-PC* China	MINERAL BOUND BUILDING SYSTEMS PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT A LOW WATER CONTENT PROCESS FOR THE CONTENT PROCESS FOR THE	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	03/31/2008 Pl0809066.1 03/31/2008 200880010913.4		07/10/2018 PI0809066 1 04/18/2012 200880010913.4
WC061016-BR-PCTBrazil WC061016-CN-PC* China	MINERAL BOUND BUILDING SYSTEMS PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT PROCESS FOR THE PREPARATION OF	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	03/31/2008 Pl0809066.1 03/31/2008 200880010913.4		07/10/2018 PI0809066 1 04/18/2012 200880010913.4
WC061016-BR-PCI Brazil WC061016-CN-PC China WC061016-DE-EPT Germany	MINERAL BOUND BUILDING SYSTEMS PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	03/31/2008 PI0809066.1 03/31/2008 200880010913.4 03/31/2008 08734894.2	2144936	07/10/2013 PI0809066.1 04/18/2012 200880010913.4 08/17/2016 602008045714.1
WC061016-BR-PCTBrazil WC061016-CN-PC* China	MINERAL BOUND BUILDING SYSTEMS PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT PROCESS FOR THE PREPARATION OF NITROCELSS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	03/31/2008 Pl0809066.1 03/31/2008 200880010913.4		07/10/2018 PI0809066 1 04/18/2012 200880010913.4
WC061016-BR-PCI Brazil WC061016-CN-PC China WC061016-DE-EPT Germany	MINERAL BOUND BUILDING SYSTEMS PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT A LOW WATER CONTENT CONTENT	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	03/31/2008 PI0809066.1 03/31/2008 200880010913.4 03/31/2008 08734894.2	2144936	07/10/2013 PI0809066.1 04/18/2012 200880010913.4 08/17/2016 602008045714.1
WC061016-BR-PCI Brazil WC061016-CN-PC China WC061016-DE-EPT Germany	MINERAL BOUND BUILDING SYSTEMS PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT PROCESS FOR THE PREPARATION OF	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	03/31/2008 PI0809066.1 03/31/2008 200880010913.4 03/31/2008 08734894.2	2144936	07/10/2013 PI0809066.1 04/18/2012 200880010913.4 08/17/2016 602008045714.1
WC061016-BR-PCI Brazil WC061016-CN-PC China WC061016-DE-EPT Germany	MINERAL BOUND BUILDING SYSTEMS PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT PROCESS FOR THE PREPARATION OF NITROCESS FOR THE PREPARATION OF NITROCELLULOSE	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	03/31/2008 PI0809066.1 03/31/2008 200880010913.4 03/31/2008 08734894.2	2144936	07/10/2013 PI0809066.1 04/18/2012 200880010913.4 08/17/2016 602008045714.1
WC061016-BR-PCI Brazil WC061016-CN-PC China WC061016-DE-EPT Germany	MINERAL BOUND BUILDING SYSTEMS PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	03/31/2008 PI0809066.1 03/31/2008 200880010913.4 03/31/2008 08734894.2	2144936	07/10/2013 PI0809066.1 04/18/2012 200880010913.4 08/17/2016 602008045714.1
WC061016-BR-PC1Brazil WC061016-CN-PC* China WC061016-DE-EPT Germany WC061016-IT-EPT Italy	MINERAL BOUND BUILDING SYSTEMS PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	03/31/2008 PI0809066.1 03/31/2008 200880010913.4 03/31/2008 08734894.2	2144936 2144936	07/10/2018 PI0809066.1 04/18/2012 200880010913.4 08/17/2016 602008045714;1 08/17/2016 50201600010971
WC061016-BR-PCI Brazil WC061016-CN-PC China WC061016-DE-EPT Germany	MINERAL BOUND BUILDING SYSTEMS PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	03/31/2008 PI0809066.1 03/31/2008 200880010913.4 03/31/2008 08734894.2	2144936	07/10/2013 PI0809066.1 04/18/2012 200880010913.4 08/17/2016 602008045714.1

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	PROCESS FOR PRODUCING					
	NITROCELLULOSE					
	SOLUTIONS WITH A					
	SMALL WATER	THE DOW CHEMICAL				
WC061016-TW-NP Taiwan	CONTENT	COMPANY	04/03/2008 9	7112138	200906859	06/01/2014 1439469
United States Of WC061016-US-PC1 America	PROCESS FOR THE PREPARATION OF NITROCELLULOSE SOLUTIONS HAVING A LOW WATER CONTENT CELLULOSE ETHER	THE DOW CHEMICAL COMPANY	03/31/2008 1	2/594996	2010-0126382	03/05/2013 8388748
	ADDITIVES FOR THE					
	EXTRUSION OF	THE DOW CHEMICAL				
WC061017-BE-EPT Belgium	CERAMIC MASSES	COMPANY	11/27/2007 0	7846835.2	2125664	01/27/2016 2125664
	CELLULOSEETHERAD DITIVE FUR DIE EXTRUSION KERAMISCHER	THE DOW CHEMICAL				
WC061017-CH-EP1Switzerland	MASSEN CELLULOSE ETHER	COMPANY	11/27/2007 0	7846835.2	2125664	01/27/2016 2125664
	ADDITIVES FOR THE					
	EXTRUSION OF	THE DOW CHEMICAL				
WC061017-CN-PC ⁻ China	CERAMIC MASSES	COMPANY	11/27/2007 2	.00780047837.X		03/20/2013 200780047837.X
	CELLULOSE ETHER ADDITIVES FOR THE					
	EXTRUSION OF	THE DOW CHEMICAL				
WC061017-DE-EPT Germany	CERAMIC MASSES	COMPANY	11/27/2007 0	7846835.2	2125664	01/27/2016 602007044722.4
	CELLULOSE ETHER					
	ADDITIVES FOR THE EXTRUSION OF	THE DOW CHEMICAL				
WC061017-HU-EP Hungary	CERAMIC MASSES	COMPANY	11/27/2007 0	7846835.2	2125664	01/27/2016 2125664
	CELLULOSE ETHER					
	ADDITIVES FOR THE	THE BOIL CHES SCAL				
WC061017-JP-PCT Japan	EXTRUSION OF CERAMIC MASSES	THE DOW CHEMICAL COMPANY	11/27/2007 2	009-541804	2010-513195	08/23/2013 5345946
	CELLULOSE ETHER					
	ADDITIVES FOR THE					
MCCC1017 VP PCTCOLITH VOREA	EXTRUSION OF	THE DOW CHEMICAL	11/27/2007 2	1000 7015488		00/00/2014 10 1420410
WC061017-KR-PCT SOUTH KOREA	CERAMIC MASSES CELLULOSE ETHER	COMPANY	11/27/2007 2	:009-7015488		08/08/2014 10-1430418
	ADDITIVES FOR THE					
WC061017-MX-PC Mexico	EXTRUSION OF CERAMIC MASSES	THE DOW CHEMICAL COMPANY	11/27/2007 N	их/а/2009/006734		
	CELLULOSE ETHER					
	ADDITIVES FOR THE EXTRUSION OF	THE DOW CHEMICAL				
WC061017-NL-EPT Netherlands	CERAMIC MASSES	COMPANY	11/27/2007 0	7846835.2	2125664	01/27/2016 2125664
	CELLULOSE ETHER					
	ADDITIVES FOR THE	THE BOILD CHES SICS.				
WC061017-PL-EPT Poland	EXTRUSION OF CERAMIC MASSES	THE DOW CHEMICAL COMPANY	11/27/2007 0	07846835 2	2125664	01/27/2016 2125664
	CELLULOSE ETHER					
	ADDITIVES FOR THE					
United States Of WC061017-US-PCI America	EXTRUSION OF CERAMIC MASSES	THE DOW CHEMICAL COMPANY	11/29/2012 1	2/200220	2013-0090235	01/07/2014 8623128
WC001017-03-FC[America	CELLULOSE ETHER	COIVI AIV	11/23/2012 1	.3/ 088000	2013-0050233	01/07/2014 8023128
	ADDITIVES FOR THE					
United States Of	EXTRUSION OF	THE DOW CHEMICAL		a transcoo	****	04/45/0043 #054055
WC061017-US-PC1 America	CERAMIC MASSES CELLULOSEETHERHA	COMPANY	11/27/2007 1	.2/520590	2010-0144522	01/15/2013 8354055
	LTIGE ADDITIVE					
	FUER DIE					
European WC061018A-EP-EF Procedure (Patents	KERAMISCHE	THE DOW CHEMICAL COMPANY	11/27/2007 0	79/6937 0	2125666	
** COOTOTOW-FL-FL LIOCEGNIE (Laffell)	CELLULOSEETHERHA	SOURCE THAT	11/2//2UU/ U	,, ₀₄₀₀₃ 2.3	C1C3000	
	LTIGE ADDITIVE					
	FUER DIE	THE BOOK OFFICE				
WC061018A-IN-PC India	KERAMISCHE EXTRUSION	THE DOW CHEMICAL COMPANY	11/37/3007 2	1590/CHENP/2009		12/06/2017 290331
** COOTOTOUGHIST C HIGH	enrinculuis	COMM TIME	11/ <i>41</i> /400/ 3	SOF CHENT / 2003		**************************************

CELLULOSEETHERHAL LTIGE ADDITIVE FUER DIE KERAMISCHE EXTRUSION ADDITIVES COMPRISIN CELLULOSE ETHERS FOR CERAMICS WC061018A-KR-PCSOUTH KOREA EXTRUSION EXTRUSION EXTRUSION	THE DOW CHEMICAL COMPANY 11/27/2007 2009-541803 2010-513073 12/27/2013 5443166 THE DOW CHEMICAL COMPANY 11/27/2007 2009-7015489 08/07/2014 10-1429927
WC071004-BE-EPA Belgium CELLULOSE NANOPARTICLES OF SLIGHTLY OXIDIZED CELLULOSE NANOPARTICLES OF SLIGHTLY OXIDIZED WC071004-BR-PC1 Brazil CELLULOSE NANOPARTICLES OF	THE DOW CHEMICAL COMPANY 08/10/2007 07015803.5 2022802 03/22/2017 2022802 THE DOW CHEMICAL COMPANY 08/08/2008 PI0812621.6
WC071004-CN-PC China CELLULOSE NANOPARTICLES OF SLIGHTLY OXIDIZED WC071004-DE-EP/ Germany CELLULOSE NANOPARTICLES OF SLIGHTLY OXIDIZED SLIGHTLY OXIDIZED	THE DOW CHEMICAL COMPANY 08/08/2008 200880101817.0 06/27/2012 200880101817.0 THE DOW CHEMICAL COMPANY 08/10/2007 07015803.5 2022802 03/22/2017 502007015524.1 THE DOW CHEMICAL
WC071004-FR-EPA France CELLULOSE NANOPARTICLES OF SLIGHTLY OXIDIZED WC071004-GB-EP/ United Kingdom CELLULOSE NANOPARTICLES OF SLIGHTLY OXIDIZED WC071004-NL-EP/ Netherlands CELLULOSE	COMPANY 08/10/2007 07015803.5 2022802 03/22/2017 2022802 THE DOW CHEMICAL COMPANY 08/10/2007 07015803.5 2022802 03/22/2017 2022802 THE DOW CHEMICAL COMPANY 08/10/2007 07015803.5 2022802 03/22/2017 2022802
NANOPARTICLES OF United States Of SLIGHTLY OXIDISED WC071004-US-PC1 America CELLULOSE	THE DOW CHEMICAL COMPANY 08/08/2008 12/672799 2011-0198533 12/25/2012 8338494

	PROCESS FOR IMPROVED					
	PRODUCTION OF ALKALI CELLULOSE					
	AND CELLULOSE	THE DOW CHEMICAL				
WC071011-BE-EPT Belgium	DERIVATIVES	COMPANY	01/08/2010	10701267.6	2403881	10/11/2017 2403881
WC071011-BR-PC1Brazil	PROCESS FOR IMPROVED PRODUCTION OF ALKALI CELLULOSE AND CELLULOSE DERIVATIVES PROCESS FOR	THE DOW CHEMICAL COMPANY	01/08/2010	Pl1006378.1		
	IMPROVED					
	PRODUCTION OF ALKALI CELLULOSE					
	AND CELLULOSE	THE DOW CHEMICAL				
WC071011-CN-PC ⁻ China	DERIVATIVES	COMPANY	01/08/2010	201080006706.9	102307906	03/12/2014 201080006706.9
	PROCESS FOR IMPROVED PRODUCTION OF					
	ALKALI CELLULOSE					
WC071011-DE-EPT Germany	AND CELLULOSE DERIVATIVES PROCESS FOR	THE DOW CHEMICAL COMPANY	01/08/2010	10701267.6	2403881	10/11/2017 602010045870.9
	IMPROVED					
	PRODUCTION OF ALKALI CELLULOSE					
European	AND CELLULOSE	THE DOW CHEMICAL				
WC071011-EP-EPT Procedure (Patent	s) DERIVATIVES PROCESS FOR	COMPANY	01/08/2010	10701267.6	2403881	10/11/2017 2403881
	IMPROVED					
	PRODUCTION OF					
	ALKALI CELLULOSE AND CELLULOSE	THE DOW CHEMICAL				
WC071011-IN-PCT India	DERIVATIVES	COMPANY	01/08/2010	6343/CHENP/2011	6343/CHENP/	2 09/21/2017 287599
	PROCESS FOR IMPROVED					
	PRODUCTION OF					
	ALKALI CELLULOSE	THE DOWN CHEMICAL				
WC071011-JP-PCT Japan	AND CELLULOSE DERIVATIVES	THE DOW CHEMICAL COMPANY	01/08/2010	2011-552953	2012-519746	03/06/2015 5706344
	PROCESS FOR					
	IMPROVED PRODUCTION OF ALKALI CELLULOSE					
WC071011-KR-PCT SOUTH KOREA	AND CELLULOSE DERIVATIVES PROCESS FOR	THE DOW CHEMICAL COMPANY	01/08/2010	2011-7021981		12/21/2016 10-1690097
	IMPROVED					
	PRODUCTION OF ALKALI CELLULOSE					
	AND CELLULOSE	THE DOW CHEMICAL				
WC071011-NL-EPT Netherlands	DERIVATIVES PROCESS FOR	COMPANY	01/08/2010	10701267.6	2403881	10/11/2017 2403881
	IMPROVED PRODUCTION OF					
United States Of	ALKALI CELLULOSE AND CELLULOSE	THE DOW CHEMICAL				
WC071011-US-PC1America	DERIVATIVES COMPOSITE	COMPANY	01/08/2010	13/144948	2012-0041187	03/31/2015 8993747
	MEMBRANE WITH POLYALKYLENE					
	OXIDE MODIFIED					
42916-AU-PCT Australia	POLYAMIDE SURFACE	THE DOW CHEMICAL COMPANY	05/23/2000	E0/12/00	774426	10/07/2004 774426
42916-AU-PCT Australia	COMPOSITE	COMEMNE	UJ/25/2UUU	JU412/UU	//4420	10/07/2004 //4420
	MEMBRANE WITH					
	POLYALKYLENE OXIDE MODIFIED POLYAMIDE	THE DOW CHEMICAL				
42916-CA-PCT Canada	SURFACE	COMPANY	05/23/2000	2374817		02/19/2008 2374817

	COMPOSITE MEMBRANE WITH				
	POLYALKYLENE OXIDE MODIFIED	THE DOLL CHENNESS			
42916-CN-PCT China	POLYAMIDE SURFACE	THE DOW CHEMICAL COMPANY	05/23/2000 00808461.0	1353626	12/22/2004 00808461.0
	COMPOSITE MEMBRANE WITH				
	POLYALKYLENE OXIDE MODIFIED				
42916-DE-EPT Germany	POLYAMIDE SURFACE	THE DOW CHEMICAL COMPANY	05/23/2000 00932730.5	1200178	11/12/2008 60040791.8
	COMPOSITE MEMBRANE WITH				
	POLYALKYLENE OXIDE MODIFIED				
42916-ES-EPT Spain	POLYAMIDE SURFACE	THE DOW CHEMICAL COMPANY	05/23/2000 00932730.5	1200178	11/12/2008 2312343
42510-63-E() Spain	COMPOSITE	CONTRACT	03/23/2000 00332730.3	1200176	11/12/2000 2312343
	MEMBRANE WITH POLYALKYLENE				
	OXIDE MODIFIED POLYAMIDE	THE DOW CHEMICAL			
42916-GB-EPT United Kingdom	SURFACE COMPOSITE	COMPANY	05/23/2000 00932730.5	1200178	11/12/2008 1200178
	MEMBRANE WITH POLYALKYLENE				
	OXIDE MODIFIED POLYAMIDE	THE DOW CHEMICAL			
42916-KR-PCT SOUTH KOREA	SURFACE COMPOSITE	COMPANY	05/23/2000 10-2001-7015755	10-2002-00122	08/24/2006 0618454
United States Of	MEMBRANE AND METHOD FOR	THE DOW CHEMICAL			
44207-US-NP America	MAKING THE SAME	COMPANY	04/17/2000 09/550527		01/08/2002 6337018
	MEMBRANE AND				
44207A-AU-PCT Australia	METHOD FOR MAKING THE SAME	THE DOW CHEMICAL COMPANY	04/09/2001 2001255246	676791	05/26/2005 2001255246
	COMPOSITE MEMBRANE AND				
44207A-CN-PCT China	METHOD FOR MAKING THE SAME	THE DOW CHEMICAL COMPANY	04/09/2001 01808064.2	1441693	07/13/2005 01808064.2
	COMPOSITE MEMBRANE AND				
44207A-DE-EPT Germany	METHOD FOR MAKING THE SAME	THE DOW CHEMICAL COMPANY	04/09/2001 01928384.5	1276551	08/19/2009 60139615.4
·	COMPOSITE MEMBRANE AND	-			
44207A-ES-EPT Spain	METHOD FOR MAKING THE SAME	THE DOW CHEMICAL COMPANY	04/09/2001 01928384.5	1276551	08/19/2009 2328449
	COMPOSITE MEMBRANE AND	~~		12,0001	
442074 FR FRT - Funna	METHOD FOR	THE DOW CHEMICAL	04/00/2004 04020204 5	4276554	00/40/2000 4276554
44207A-FR-EPT France	MAKING THE SAME COMPOSITE	COMPANY	04/09/2001 01928384.5	1276551	08/19/2009 1276551
	MEMBRANE AND METHOD FOR	THE DOW CHEMICAL			
44207A-GB-EPT United Kingdom	MAKING THE SAME COMPOSITE	COMPANY	04/09/2001 01928384.5	1276551	08/19/2009 1276551
	MEMBRANE AND METHOD FOR	THE DOW CHEMICAL			
44207A-IN-PCT India	MAKING THE SAME	COMPANY	04/09/2001 PCT/02/1658/CHE		11/09/2007 211726
	MEMBRANE AND METHOD FOR	THE DOW CHEMICAL			
44207A-JP-PCT Japan	MAKING THE SAME COMPOSITE	COMPANY	04/09/2001 2001-576176		02/24/2012 4932120
	MEMBRANE AND METHOD FOR	THE DOW CHEMICAL			
44207A-KR-PCT SOUTH KOREA	MAKING THE SAME COMPOSITE	COMPANY	04/09/2001 2002-7013894		06/13/2008 839805
facile descriptions	MEMBRANE AND	THE DOIN CHERTICAL			
United States Of 44207A-US-CIP[1] America		THE DOW CHEMICAL COMPANY	04/09/2001 09/829024	2001-0050252	05/13/2003 6562266

		COMPOSITE MEMBRANE AND					
44207B-US-CNT[United States Of 1] America	METHOD FOR MAKING THE SAME	THE DOW CHEMICAL COMPANY	11/02/2001	10/005455	0113008	04/20/2004 6723241
		COMPOSITE MEMBRANE AND					
44207C-US-DIV[1	United States Of	METHOD FOR MAKING THE SAME	THE DOW CHEMICAL COMPANY	11/13/2002	10/304446	2003-0116498	04/12/2005 6878278
		MODIFIED	THE DOW CHEMICAL				
44463A-CN-PCT	China	MEMBRANE MODIFIED	COMPANY THE DOW CHEMICAL	04/12/2007	200780020725.5	101460237	09/04/2013 200780020725.5
44463A-JP-PCT	Japan	MEMBRANE MODIFIED	COMPANY THE DOW CHEMICAL	04/12/2007	2009-509582	2009-536874	10/07/2011 4838352
44463A-KR-PCT	SOUTH KOREA	MEMBRANE	COMPANY	04/12/2007	2008-7030453		01/27/2014 10-1360751
44463A-US-PCT	United States Of America	MODIFIED MEMBRANE	THE DOW CHEMICAL COMPANY	04/12/2007	12/299849	2009-0159527	02/08/2011 7882963
		SEPARATION MEMBRANE END	THE DOW CHEMICAL				
61078-BR-PCT	Brazil	CAP SEPARATION	COMPANY	07/03/2002	PI0211851.3	PI0211851.3	07/26/2011 PI0211851.3
		MEMBRANE END	THE DOW CHEMICAL				
61078-CN-PCT	China	CAP SEPARATION	COMPANY	07/03/2002	02815217.4	1538871	08/05/2009 02815217.4
61078-DE-EPT	Germany	MEMBRANE END CAP	THE DOW CHEMICAL COMPANY	07/03/2002	02746878.4	1414554	12/10/2008 60230283.8
	,	SEPARATION					
61078-ES-EPT	Spain	MEMBRANE END CAP	THE DOW CHEMICAL COMPANY	07/03/2002	02746878.4	1414554	12/10/2008 2318024
		SEPARATION MEMBRANE END	THE DOW CHEMICAL				
61078-FR-EPT	France	CAP SEPARATION	COMPANY	07/03/2002	02746878.4	1414554	12/10/2008 1414554
		MEMBRANE END	THE DOW CHEMICAL				
61078-GB-EPT	United Kingdom	CAP SEPARATION	COMPANY	07/03/2002	02746878.4	1414554	12/10/2008 1414554
61078-IL-PCT	Israel	MEMBRANE END CAP	THE DOW CHEMICAL COMPANY	07/03/2002	160129		11/20/2007 160129
		SEPARATION MEMBRANE END	THE DOW CHEMICAL	, , , , , , , , , , , , , , , , , , , ,			,
61078-JP-PCT	Japan	CAP	COMPANY	07/03/2002	2003-516667	2004-536703	05/09/2008 4121456
		SEPARATION MEMBRANE END	THE DOW CHEMICAL				
61078-KR-PCT	SOUTH KOREA	CAP SEPARATION	COMPANY	07/03/2002	10-2004-7001520		07/16/2009 10-0908992
61078-US-NP	United States Of America	MEMBRANE END	THE DOW CHEMICAL COMPANY	08/01/2001	00/020488	2003-0024868	10/14/2003 6632356
OTONO-DO-ML	Attates	IMPROVED MEANS	CORIL MAT	UG/U1/2UG1	03/320466	2003-0024808	10/14/2003 0032330
	United States Of	FOR STORAGE OF FILTRATION	THE DOW CHEMICAL				
61906-US-NP	America	ELEMENTS IMPROVED MEANS	COMPANY	10/05/2001	09/972650	2003-0098272	01/02/2007 7156997
		FOR STORAGE OF FILTRATION	THE DOW CHEMICAL				
61906A-BR-PCT	Brazil	ELEMENTS	COMPANY	08/27/2002	PI0213614.7		02/08/2011 PI0213614.7
		IMPROVED MEANS FOR STORAGE OF					
61906A-GB-PCT	United Kingdom	FILTRATION ELEMENTS	THE DOW CHEMICAL COMPANY	08/26/2002	0406499.4	2395674	03/30/2005 2395674
	_	IMPROVED MEANS FOR STORAGE OF					
		FILTRATION	THE DOW CHEMICAL	00/00/000	2000 - 1470-	**** *****	
61906A-JP-PCT	Japan	ELEMENTS	COMPANY	U8/26/2002	2003-541607	2005-508275	10/26/2007 4032025
		APPARATUS FOR TREATING					
63549A-AU-DIV	Australia	SOLUTIONS OF HIGH OSMOTIC STRENGTH	THE DOW CHEMICAL	10/06/2009	2009222610		05/12/2011 2009222610
232-2A-A0-DIV	. idosi dila			10/00/2003	-307222010		55,12,2011 2005222010
		APPARATUS FOR TREATING					
63549A-AU-PCT	Australia	SOLUTIONS OF HIGH OSMOTIC STRENGTH	THE DOW CHEMICAL COMPANY	02/25/2005	2005216977	2005216977	11/26/2009 2005216977

63549A-CN-PCT	China	APPARATUS FOR TREATING SOLUTIONS OF HIGH OSMOTIC STRENGTH	THE DOW CHEMICAL COMPANY	02/25/2005 200580005995.X		12/09/2009 200580005995.X
63549A-ES-EPT	Spain	APPARATUS FOR TREATING SOLUTIONS OF HIGH OSMOTIC STRENGTH	THE DOW CHEMICAL COMPANY	02/25/2005 05723898.2	1720639	12/26/2012 1720639
63549A-IL-PCT	Israel	OSMOTIC STRENGTH	THE DOW CHEMICAL COMPANY	02/25/2005 177557		11/01/2011 177557
63549A-IN-PCT	India	OSMOTIC STRENGTH	THE DOW CHEMICAL COMPANY	02/25/2005 3091/CHENP/2006		01/18/2011 245411
63549A-IT-EPT	Italy	OSMOTIC STRENGTH METHOD FOR	THE DOW CHEMICAL COMPANY	02/25/2005 05723898.2	1720639	12/26/2012 1720639
		STABILIZING A CATION EXCHANGE RESIN PRIOR TO USE AS AN ACID CATALYST AND USE OF SAID STABILIZED CATION EXCHANGE				
63885A-DE-EPT	Germany	RESIN IN A CHEMICAL PROCESS METHOD FOR STABILIZING A CATION EXCHANGE RESIN PRIOR TO USE AS AN ACID	THE DOW CHEMICAL COMPANY	01/24/2006 06719227.8	1843848	05/22/2013 602006036406.7
63885A-ES-EPT	Spain	CATALYST AND USE OF SAID STABILIZED CATION EXCHANGE RESIN IN A CHEMICAL PROCESS	THE DOW CHEMICAL	01/24/2006 06719227.8	1843848	05/22/2013 1843848
		METHOD FOR STABILIZING A CATION EXCHANGE RESIN PRIOR TO USE AS AN ACID CATALYST AND USE OF SAID STABILIZED CATION EXCHANGE RESIN IN A	THE DOW CHEMICAL			
63885A-IN-PCT	India	CHEMICAL PROCESS METHOD FOR STABILIZING A CATION EXCHANGE RESIN PRIOR TO USE AS AN ACID CATALYST AND USE OF SAID STABILIZED CATION EXCHANGE		01/24/2006 3312/CHENP/2007		12/23/2014 264363
63885A-JP-PCD	Japan	RESIN IN A CHEMICAL PROCESS	THE DOW CHEMICAL COMPANY	02/08/2013 2013-023492	2013-136604	07/24/2015 5782056

METHOD FOR STABILIZING A CATION EXCH RESIN PRIOR AS AN ACID CATALYST AN OF SAID STAB CATION EXCH RESIN IN A G3885A-IP-PCT Japan CHEMICAL PR METHOD FOR STABILIZING A CATION EXCH RESIN PRIOR AS AN ACID CATALYST AN OF SAID STAB CATION EXCH RESIN IN A	A SANGE TO USE D USE SILIZED SANGE THE DOW CHEMICAL SOCESS COMPANY 01/24/2006 2007-553155 2008-528276 A SANGE STORM SANGE SA
63885A-TW-NP Taiwan CHEMICAL PR METHOD FOR STABILIZING / CATION EXCH RESIN PRIOR AS AN ACID CATALYST AN OF SAID STAB CATION EXCH United States Of RESIN IN A G3885A-US-PCT America CHEMICAL PR METHOD FOR	OCCESS COMPANY 01/27/2006 95103509 06/11/2013 1398300 A A A A A A A A A A A A A A A A A A
TESTING SEPARATION MODULES METHOD FOR TESTING SEPARATION: MODULES METHOD FOR TESTING SEPARATION: MODULES METHOD FOR TESTING SEPARATION: MODULES METHOD FOR TESTING SEPARATION MODULES MODULES MODULES	THE DOW CHEMICAL COMPANY 07/29/2005 200580028111.2 101018598 06/03/2009 200580028111.2 THE DOW CHEMICAL COMPANY 07/29/2005 05777606.4 1793915 11/02/2011 1793915
METHOD FOR TESTING SEPARATION 63948A-FR-EPT France MODULES METHOD FOR TESTING SEPARATION MODULES MODULES MODULES METHOD FOR TESTING	THE DOW CHEMICAL COMPANY 07/29/2005 05777606.4 1793915 11/02/2011 1793915 THE DOW CHEMICAL COMPANY 01/07/2011 11150429.6 2319612 06/06/2012 2319612
SEPARATION 63948A-GB-EPT United Kingdom MODULES METHOD FOF TESTING SEPARATION MODULES METHOD FOF TESTING SEPARATION MODULES METHOD FOF SEPARATION MODULES METHOD FOF MODULES METHOD FOF MODULES	THE DOW CHEMICAL COMPANY 01/07/2011 11150429.6 2319612 06/06/2012 2319612 THE DOW CHEMICAL COMPANY 07/29/2005 2007-529880 2008-511437 10/05/2012 5101284
TESTING SEPARATION MODULES IMPROVED M FOR TESTING SUITH KOREA United States Of SEPARATION MODULES METHOD FOR TESTING United States Of SEPARATION MODULES METHOD FOR TESTING United States Of SEPARATION MODULES METHOD FOR TESTING MODULES METHOD FOR TESTING MODULES MODULES	THE DOW CHEMICAL COMPANY 07/29/2005 2007-7005043 08/23/2013 10-1301457 IETHOD THE DOW CHEMICAL COMPANY 02/18/2010 12/707705 2010-0148752 09/25/2012 8272251

	INSERTION-POINT	THE DOWN CHEMICAL					
64642A-CN-PCT China	SEAL FOR SPIRAL WOUND MODULE	THE DOW CHEMICAL COMPANY	12/06/2006 20	00680045774.X	101321577	10/17/2012 20068004	45774,X
	INSERTION-POINT SEAL FOR SPIRAL	THE DOW CHEMICAL					
64642A-JP-PCT Japan	WOUND MODULE INSERTION-POINT	COMPANY	12/06/2006 20	008-544541	2009-518181	09/07/2012 5080488	88888888888
	SEAL FOR SPIRAL	THE DOW CHEMICAL					
64642A-KR-PCT SOUTH KOREA	WOUND MODULE INSERTION-POINT	COMPANY	12/06/2006 10	0-2008-7013763	10-2008-74165	05/09/2014 10-13959	78
United States Of 64642A-US-CNT America	SEAL FOR SPIRAL WOUND MODULE	THE DOW CHEMICAL	04/04/2011 13	2/070049	2011-0174429	02/27/2012 01/2007	
64642A-US-CNT America	INSERTION-POINT	COMPANT	04/04/2011 13	3/0/9048	2011-0174429	03/27/2012 8142657	
United States Of 64642A-US-PCT America	SEAL FOR SPIRAL WOUND MODULE	THE DOW CHEMICAL COMPANY	12/06/2006 12	2/095527	2011-0049043	05/31/2011 7951295	
	MODIFIED			7			900000000000000000000000000000000000000
64956A-CN-PCT China	POLYAMIDE MEMBRANE	THE DOW CHEMICAL COMPANY	01/31/2008 20	00880004047.8	101605592	10/12/2011 20088000	04047.8
	MODIFIED POLYAMIDE	THE DOW CHEMICAL					
64956A-DE-EPT Germany	MEMBRANE	COMPANY	01/31/2008 08	8728624.1	2117688	07/13/2011 60200800	08239.3
	MODIFIED POLYAMIDE	THE DOW CHEMICAL					
64956A-ES-EPT Spain	MEMBRANE MODIFIED	COMPANY	01/31/2008 08	8728624.1	2117688	07/13/2011 2117688	100000000000000000000000000000000000000
	POLYAMIDE	THE DOW CHEMICAL					
64956A-FR-EPT France	MEMBRANE MODIFIED	COMPANY	01/31/2008 08	8728624.1	2117688	07/13/2011 2117688	
CAOECA CR EDT . United Kingdom	POLYAMIDE	THE DOW CHEMICAL	01/21/2008 01	27206244	2117600	07/12/2011 211700	
64956A-GB-EPT United Kingdom	MEMBRANE MODIFIED	COMPANY	01/31/2008 08	8728624.1	2117688	07/13/2011 2117688	
64956A-IT-EPT Italy	POLYAMIDE MEMBRANE	THE DOW CHEMICAL COMPANY	01/31/2008 08	8728624.1	2117688	07/13/2011 2117688	
	MODIFIED			70			88888888888
64956A-JP-PCT Japan	POLYAMIDE MEMBRANE	THE DOW CHEMICAL COMPANY	01/31/2008 20	009-549176	2010-517762	02/10/2012 4921565	
	MODIFIED POLYAMIDE	THE DOW CHEMICAL					
64956A-KR-PCT SOUTH KOREA	MEMBRANE	COMPANY	01/31/2008 20	009-7016310		05/08/2014 10-13953	66
64956A-KR-PCT SOUTH KOREA United States Of		COMPANY THE DOW CHEMICAL	01/31/2008 20	909-7016310		05/08/2014 10-13953	66
	MEMBRANE MODIFIED POLYAMIDE MEMBRANE		01/31/2008 20 01/31/2011 13			05/08/2014 10-13953 08/23/2011 8002120	66
United States Of 64956B-US-CNT America United States Of	MEMBRANE MODIFIED POLYAMIDE MEMBRANE MODIFIED POLYAMIDE	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	01/31/2011 13	3/017646		08/23/2011 8002120	66
United States Of 64956B-US-CNT America	MEMBRANE MODIFIED POLYAMIDE MEMBRANE MODIFIED	THE DOW CHEMICAL COMPANY		3/017646	2008-0185332		.66
United States Of 64956B-US-CNT America United States Of	MEMBRANE MODIFIED POLYAMIDE MEMBRANE MODIFIED POLYAMIDE MEMBRANE METHOD FOR PROCESSING	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	01/31/2011 13	3/017646	2008-0185332	08/23/2011 8002120	.66
United States Of 64956B-US-CNT America United States Of	MEMBRANE MODIFIED POLYAMIDE MEMBRANE MODIFIED POLYAMIDE MEMBRANE METHOD FOR PROCESSING EFFLUENT FROM CHLOROMETHYLATI	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	01/31/2011 13	3/017646	2008-0185332	08/23/2011 8002120	66
United States Of 64956B-US-CNT America United States Of	MEMBRANE MODIFIED POLYAMIDE MEMBRANE MODIFIED POLYAMIDE MEMBRANE METHOD FOR PROCESSING EFFLUENT FROM	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	01/31/2011 13	3/017646	2008-0185332	08/23/2011 8002120	:i66
United States Of 64956B-US-CNT America United States Of 64956B-US-NP America	MEMBRANE MODIFIED POLYAMIDE MEMBRANE MODIFIED POLYAMIDE MEMBRANE METHOD FOR PROCESSING EFFLUENT FROM CHLOROMETHYLATI ON OF VINYL AROMATIC POLYMERS	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	01/31/2011 13	3/017646 2/023082		08/23/2011 8002120	
United States Of 64956B-US-CNT United States Of 64956B-US-NP America United States Of	MEMBRANE MODIFIED POLYAMIDE MEMBRANE MODIFIED POLYAMIDE MEMBRANE METHOD FOR PROCESSING EFFLUENT FROM CHLOROMETHYLATI ON OF VINYL AROMATIC POLYMERS METHOD FOR PROCESSING	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	01/31/2011 13 01/31/2008 13	3/017646 2/023082		08/23/2011 8002120 03/15/2011 7905361	
United States Of 64956B-US-CNT United States Of 64956B-US-NP America United States Of	MEMBRANE MODIFIED POLYAMIDE MEMBRANE MODIFIED POLYAMIDE MEMBRANE METHOD FOR PROCESSING EFFLUENT FROM CHLOROMETHYLATI ON OF VINYL AROMATIC POLYMERS METHOD FOR	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	01/31/2011 13 01/31/2008 13	3/017646 2/023082		08/23/2011 8002120 03/15/2011 7905361	
United States Of 64956B-US-CNT United States Of 64956B-US-NP America United States Of	MEMBRANE MODIFIED POLYAMIDE MEMBRANE MODIFIED POLYAMIDE MEMBRANE METHOD FOR PROCESSING EFFLUENT FROM CHLOROMETHYLATI ON OF VINYL AROMATIC POLYMERS METHOD FOR PROCESSING EFFLUENT FROM CHLOROMETHYLATI ON OF VINYL	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	01/31/2011 13 01/31/2008 13	3/017646 2/023082		08/23/2011 8002120 03/15/2011 7905361	
United States Of 64956B-US-CNT United States Of 64956B-US-NP America United States Of	MEMBRANE MODIFIED POLYAMIDE MEMBRANE MODIFIED POLYAMIDE MEMBRANE METHOD FOR PROCESSING EFFLUENT FROM CHLOROMETHYLATI ON OF VINYL AROMATIC POLYMERS METHOD FOR PROCESSING EFFLUENT FROM CHLOROMETHYLATI ON OF VINYL AROMATIC ON OF VINYL AROMATIC POLYMERS	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	01/31/2011 13 01/31/2008 12 05/23/2007 13	3/017646 2/023082		08/23/2011 8002120 03/15/2011 7905361	
United States Of America	MEMBRANE MODIFIED POLYAMIDE MEMBRANE MODIFIED POLYAMIDE MEMBRANE METHOD FOR PROCESSING EFFLUENT FROM CHLOROMETHYLATI ON OF VINYL AROMATIC POLYMERS METHOD FOR PROCESSING EFFLUENT FROM CHLOROMETHYLATI ON OF VINYL AROMATIC	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	01/31/2011 13 01/31/2008 12 05/23/2007 13	3/017646 2/023082 1/805475	2008-0289949	08/23/2011 8002120 03/15/2011 7905361 04/24/2012 8163138	
United States Of America	MEMBRANE MODIFIED POLYAMIDE MEMBRANE MODIFIED POLYAMIDE MEMBRANE METHOD FOR PROCESSING EFFLUENT FROM CHLOROMETHYLATI ON OF VINYL AROMATIC POLYMERS METHOD FOR PROCESSING EFFLUENT FROM CHLOROMETHYLATI ON OF VINYL AROMATIC POLYMERS METHOD FOR PROCESSING EFFLUENT FROM CHLOROMATIC POLYMERS METHOD FOR PROCESSING EFFLUENT FROM EFFLUENT FROM CHLOROMATIC POLYMERS	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	01/31/2011 13 01/31/2008 12 05/23/2007 13	3/017646 2/023082 1/805475	2008-0289949	08/23/2011 8002120 03/15/2011 7905361 04/24/2012 8163138	
United States Of America	MEMBRANE MODIFIED POLYAMIDE MEMBRANE MODIFIED POLYAMIDE MEMBRANE METHOD FOR PROCESSING EFFLUENT FROM CHLOROMETHYLATI ON OF VINYL AROMATIC POLYMERS METHOD FOR PROCESSING EFFLUENT FROM CHLOROMETHYLATI ON OF VINYL AROMATIC POLYMERS METHOD FOR PROCESSING EFFLUENT FROM CHLOROMETHYLATI ON OF VINYL AROMATIC POLYMERS METHOD FOR PROCESSING EFFLUENT FROM CHLOROMETHYLATI ON OF VINYL	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	01/31/2011 13 01/31/2008 12 05/23/2007 13	3/017646 2/023082 1/805475	2008-0289949	08/23/2011 8002120 03/15/2011 7905361 04/24/2012 8163138	
United States Of America	MEMBRANE MODIFIED POLYAMIDE MEMBRANE MODIFIED POLYAMIDE MEMBRANE METHOD FOR PROCESSING EFFLUENT FROM CHLOROMETHYLATI ON OF VINYL AROMATIC POLYMERS METHOD FOR PROCESSING EFFLUENT FROM CHLOROMETHYLATI ON OF VINYL AROMATIC POLYMERS METHOD FOR PROCESSING EFFLUENT FROM CHLOROMETHYLATI ON OF VINYL AROMATIC POLYMERS METHOD FOR PROCESSING EFFLUENT FROM CHLOROMETHYLATI ON OF VINYL AROMATIC POLYMERS	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	01/31/2011 13 01/31/2008 12 05/23/2007 13	3/017646 2/023082 1/805475	2008-0289949	08/23/2011 8002120 03/15/2011 7905361 04/24/2012 8163138	90343.0
United States Of America 65033-US-NP America	MEMBRANE MODIFIED POLYAMIDE MEMBRANE MODIFIED POLYAMIDE MEMBRANE METHOD FOR PROCESSING EFFLUENT FROM CHLOROMETHYLATI ON OF VINYL AROMATIC POLYMERS METHOD FOR PROCESSING EFFLUENT FROM CHLOROMETHYLATI ON OF VINYL AROMATIC POLYMERS METHOD FOR PROCESSING EFFLUENT FROM CHLOROMETHYLATI ON OF VINYL AROMATIC POLYMERS METHOD FOR PROCESSING EFFLUENT FROM CHLOROMETHYLATI ON OF VINYL AROMATIC POLYMERS METHOD FOR PROCESSING EFFLUENT FROM CHLOROMETHYLATI ON OF VINYL AROMATIC POLYMERS METHOD FOR	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	01/31/2011 13 01/31/2008 13 05/23/2007 13 04/03/2008 20	3/017646 2/023082 1/805475	2008-0289949 101541842	08/23/2011 8002120 03/15/2011 7905361 04/24/2012 8163138 10/12/2011 20088000	90343.0
United States Of America 65033-US-NP America	MEMBRANE MODIFIED POLYAMIDE MEMBRANE MODIFIED POLYAMIDE MEMBRANE METHOD FOR PROCESSING EFFLUENT FROM CHLOROMETHYLATI ON OF VINYL AROMATIC POLYMERS METHOD FOR PROCESSING EFFLUENT FROM CHLOROMETHYLATI ON OF VINYL AROMATIC POLYMERS METHOD FOR PROCESSING EFFLUENT FROM CHLOROMETHYLATI ON OF VINYL AROMATIC POLYMERS METHOD FOR PROCESSING EFFLUENT FROM CHLOROMETHYLATI ON OF VINYL AROMATIC POLYMERS METHOD FOR PROCESSING EFFLUENT FROM CHLOROMATIC POLYMERS METHOD FOR PROCESSING EFFLUENT FROM ETHOD FOR PROCESSING EFFLUENT FROM	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	01/31/2011 13 01/31/2008 13 05/23/2007 13 04/03/2008 20	3/017646 2/023082 1/805475	2008-0289949 101541842	08/23/2011 8002120 03/15/2011 7905361 04/24/2012 8163138 10/12/2011 20088000	90343.0
United States Of America 65033-US-NP America	MEMBRANE MODIFIED POLYAMIDE MEMBRANE MODIFIED POLYAMIDE MEMBRANE METHOD FOR PROCESSING EFFLUENT FROM CHLOROMETHYLATI ON OF VINYL AROMATIC POLYMERS METHOD FOR PROCESSING EFFLUENT FROM CHLOROMETHYLATI ON OF VINYL AROMATIC POLYMERS METHOD FOR PROCESSING EFFLUENT FROM CHLOROMETHYLATI ON OF VINYL AROMATIC POLYMERS METHOD FOR PROCESSING EFFLUENT FROM CHLOROMETHYLATI ON OF VINYL AROMATIC POLYMERS METHOD FOR PROCESSING EFFLUENT FROM CHLOROMETHYLATI ON OF VINYL AROMATIC POLYMERS METHOD FOR PROCESSING	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	01/31/2011 13 01/31/2008 13 05/23/2007 13 04/03/2008 20	3/017646 2/023082 1/805475	2008-0289949 101541842	08/23/2011 8002120 03/15/2011 7905361 04/24/2012 8163138 10/12/2011 20088000	90343.0
United States Of America 65033-US-NP America	MEMBRANE MODIFIED POLYAMIDE MEMBRANE MODIFIED POLYAMIDE MEMBRANE METHOD FOR PROCESSING EFFLUENT FROM CHLOROMETHYLATI ON OF VINYL AROMATIC POLYMERS METHOD FOR PROCESSING EFFLUENT FROM CHLOROMETHYLATI ON OF VINYL AROMATIC POLYMERS METHOD FOR PROCESSING EFFLUENT FROM CHLOROMETHYLATI ON OF VINYL AROMATIC POLYMERS METHOD FOR PROCESSING EFFLUENT FROM CHLOROMETHYLATI ON OF VINYL AROMATIC POLYMERS METHOD FOR PROCESSING EFFLUENT FROM CHLOROMETHYLATI ON OF VINYL AROMATIC POLYMERS METHOD FOR PROCESSING EFFLUENT FROM CHLOROMETHYLATI	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	01/31/2011 13 01/31/2008 13 05/23/2007 13 04/03/2008 20	3/017646 2/023082 1/805475 90880000343.0	2008-0289949 101541842	08/23/2011 8002120 03/15/2011 7905361 04/24/2012 8163138 10/12/2011 20088000	90343.0

METHOD FOR	
PROCESSING EFFLUENT FROM	
CHLOROMETHYLATI	
ON OF VINYL AROMATIC	THE DOW CHEMICAL
65033A-GB-EPT United Kingdom POLYMERS	COMPANY 04/03/2008 08744971.6 2181126 02/22/2012 2181126
METHOD FOR PROCESSING	
EFFLUENT FROM	
CHLOROMETHYLATI ON OF VINYL	
AROMATIC 65033A-IN-PCT India POLYMERS	THE DOW CHEMICAL COMPANY 04/03/2008 5220/CHENP/2008 03/15/2017 281345
METHOD FOR	COMMON*: 0-(0.0)/2000-3220/CHENT/2008 03/13/2017-2013#3
PROCESSING EFFLUENT FROM	
CHLOROMETHYLATI	
ON OF VINYL AROMATIC	THE DOW CHEMICAL
65033A-IT-EPT Italy POLYMERS	COMPANY 04/03/2008 08744971.6 2181126 02/22/2012 2181126
METHOD FOR PROCESSING	
EFFLUENT FROM	
CHLOROMETHYLATI ON OF VINYL	
AROMATIC	THE DOW CHEMICAL
65033A-JP-PCT Japan POLYMERS METHOD FOR	COMPANY 04/03/2008 2009-530717 2009-541495 03/19/2010 4477698
PROCESSING EFFLUENT FROM	
CHLOROMETHYLATI	
ON OF VINYL AROMATIC	THE DOW CHEMICAL
65033A-RO-EPT Romania POLYMERS	COMPANY 04/03/2008 08744971.6 2181126 02/22/2012 2181126
USE OF ACOUSTIC SIGNALS FOR	
MEASURING	
MEMBRANE United States Of FOULING IN SPIRAL	THE DOW CHEMICAL
65413-US-NP America WOUND MODULES	COMPANY 02/22/2007 11/709528 2008-0202242 07/03/2012 8210042
ION EXCHANGE United States Of FILTER FOR FUEL	THE DOW CHEMICAL
65478-US-NP America CELL SYSTEM ION EXCHANGE	COMPANY 01/09/2008 11/971232 2009-0176131 08/19/2014 8808931
FILTER FOR FUEL	THE DOW CHEMICAL
65478A-DE-EPT Germany CELL SYSTEM ION EXCHANGE	COMPANY 03/24/2009 09789537.9 2412051 10/22/2014 602009027355.8
FILTER FOR FUEL	THE DOW CHEMICAL
65478A-FR-EPT France CELL SYSTEM ION EXCHANGE	COMPANY 03/24/2009 09789537.9 2412051 10/22/2014 2412051
FILTER FOR FUEL	THE DOW CHEMICAL
65478A-GB-EPT United Kingdom CELL SYSTEM ION EXCHANGE	COMPANY 03/24/2009 09789537 9 2412051 10/22/2014 2412051
FILTER FOR FUEL 65478A-IN-PCT India CELL SYSTEM	THE DOW CHEMICAL COMPANY 03/24/2009 6918/CHENP/2011 6918/CHENP/2011
ION EXCHANGE	COMPANY 03/24/2009 0910/CHENT/2011 0910/CHENT/2011
FILTER FOR FUEL 65478A-IT-EPT Italy CELL SYSTEM	THE DOW CHEMICAL COMPANY 03/24/2009 09789537.9 2412051 10/22/2014 2412051
ION EXCHANGE	
FILTER FOR FUEL 65478A-JP-PCT Japan CELL SYSTEM	THE DOW CHEMICAL COMPANY 03/24/2009 2012-501972 2012-521633 09/11/2015 5806205
ION EXCHANGE	
FILTER FOR FUEL 65478A-KR-PCT SOUTH KOREA CELL SYSTEM	THE DOW CHEMICAL COMPANY 03/24/2009 2011-7024838 10-2012-0016: 09/04/2015 10-1552152
HALOGENATED	
AMIDE BIOCIDAL COMPOUNDS AND	
METHODS FOR TREATING WATER	
SYSTEMS AT NEAR	
NEUTRAL TO HIGH 66885-BR-PCT Brazil PH	THE DOW CHEMICAL COMPANY 05/14/2010 PI1007563.1
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		HALOGENATED	
		AMIDE BIOCIDAL	
		COMPOUNDS AND METHODS FOR	
		TREATING WATER	
		SYSTEMS AT NEAR	
		NEUTRAL TO HIGH	THE DOW CHEMICAL
66885-CN-PCT	China	PH	COMPANY 05/14/2010 201080021844.4 102428037 06/11/2014 201080021844.4
		HALOGENATED	
		AMIDE BIOCIDAL	
		COMPOUNDS AND	
		METHODS FOR TREATING WATER	
		SYSTEMS AT NEAR	
		NEUTRAL TO HIGH	THE DOW CHEMICAL
66885-DE-EPT	Germany	PH	COMPANY 05/14/2010 10719886.3 2432740 02/22/2017 602010040194.4
		HALOGENATED	
		AMIDE BIOCIDAL	
		COMPOUNDS AND METHODS FOR	
		TREATING WATER	
		SYSTEMS AT NEAR	
		NEUTRAL TO HIGH	THE DOW CHEMICAL
66885-FR-EPT	France	PH	COMPANY 05/14/2010 10719886.3 2432740 02/22/2017 2432740
		HALOGENATED	
		AMIDE BIOCIDAL	
		COMPOUNDS AND METHODS FOR	
		TREATING WATER	
		SYSTEMS AT NEAR	
		NEUTRAL TO HIGH	THE DOW CHEMICAL
66885-GB-EPT	United Kingdom	PH	COMPANY 05/14/2010 10719886.3 2432740 02/22/2017 2432740
		HALOGENATED AMIDE BIOCIDAL	
		COMPOUNDS AND	
		METHODS FOR	
		TREATING WATER	
		SYSTEMS AT NEAR	
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66885-IN-PCT	India	PH HALOGENATED	COMPANY 05/14/2010 8496/CHENP/2011 8496/CHENP/2 06/18/2018 297748
		AMIDE BIOCIDAL	
		COMPOUNDS AND	
		METHODS FOR	
		TREATING WATER	
		SYSTEMS AT NEAR NEUTRAL TO HIGH	THE DOMESTICATE
66885-JP-PCT	Japan	PH	THE DOW CHEMICAL COMPANY 05/14/2010 2012-511912 2012-527350 01/22/2016 5873011
00005-31-4-01	sapan	HALOGENATED	33/14/2010 2012 311312 2012 32/300 01/22/2010 30/3011
		AMIDE BIOCIDAL	
		COMPOUNDS AND	
		METHODS FOR	
		TREATING WATER SYSTEMS AT NEAR	
		NEUTRAL TO HIGH	THE DOW CHEMICAL
66885-MX-PCT	Mexico	PH	COMPANY 05/14/2010 MX/a/2011/012348 MX/a/2011/01 11/13/2015 334826
		HALOGENATED	
		AMIDE BIOCIDAL	
		COMPOUNDS AND	
		METHODS FOR TREATING WATER	
		SYSTEMS AT NEAR	
	United States Of	NEUTRAL TO HIGH	THE DOW CHEMICAL
66885-US-NP	America	PH	COMPANY 05/14/2010 12/780464 2010-0314318
		HALOGENATED	
		AMIDE BIOCIDAL	
		COMPOUNDS AND METHODS FOR	
		TREATING WATER	
		SYSTEMS AT NEAR	
		NEUTRAL TO HIGH	THE DOW CHEMICAL
66886-BR-PCT	Brazil	PH	COMPANY 05/14/2010 PI1007575.5

HALOGENATED	
AMIDE BIOCIDAL COMPOUNDS ANI	D
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TREATING WATER SYSTEMS AT NEAF	
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66886-CN-PCT China PH	COMPANY 05/14/2010 201080021782.7 102428035 07/23/2014 201080021782.7
HALOGENATED AMIDE BIOCIDAL	
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SYSTEMS AT NEAF	
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66886-DE-EPT Germany PH HALOGENATED	COMPANY 05/14/2010 10719521.6 2432738 03/01/2017 602010040359.9
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66886-GB-EPT United Kingdom PH	COMPANY 05/14/2010 10719521.5 2432738 03/01/2017 2432738
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HALOGENATED	35/21/2020 0 05/01/2017 0 05/2/2020 12/01/2021
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66886-JP-PCT Japan PH	COMPANY 05/14/2010 2012-511913 2012-527351 10/24/2014 5635596
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NEUTRAL TO HIGH	THE DOW CHEMICAL COMPANY 05/14/2010 MX/a/2011/012350 MX/a/2011/01 11/12/2015 334792
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FOR BIOFILM 67439-BR-PCT Brazil CONTROL	THE DOW CHEMICAL COMPANY 05/14/2010 PI1007580.1
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67439-DE-EPT Germany CONTROL	COMPANY 05/14/2010 10719522.4 2432739 03/01/2017 602010040360.2
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FOR BIOFILM	THE DOW CHEMICAL
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Company	67897-CN-PCT China			02/23/2011 201180015717.8	102821837	07/15/2015 201180015717.8
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METHOD FOR APPLYING TAPE LAYER TO OUTER PERIPHERY OF SPIRAL WOUND THE DOW CHEMICAL COMPANY 10/13/2010 201080047309.6 102574063 10/01/2014 201080047309.6 METHOD FOR APPLYING TAPE LAYER TO OUTER PERIPHERY OF SPIRAL WOUND THE DOW CHEMICAL COMPANY 10/13/2010 10771271.3 2493598 07/16/2014 602010017550.2 METHOD FOR APPLYING TAPE LAYER TO OUTER PERIPHERY OF SPIRAL WOUND THE DOW CHEMICAL COMPANY 10/13/2010 10771271.3 2493598 07/16/2014 602010017550.2 METHOD FOR APPLYING TAPE LAYER TO OUTER PERIPHERY OF SPIRAL WOUND THE DOW CHEMICAL		ASSEMBLY INCLUDING SEAL FLUID FILTER	COMPANY	11/30/2009 2011-540773	2012-511427	01/10/2014 5449392
SPIRAL WOUND	67898-US-NP America	METHOD FOR APPLYING TAPE	COMPANY	12/11/2008 12/332464	2010-0147761	02/07/2012 8110016
LAYER TO OUTER PERIPHERY OF SPIRAL WOUND THE DOW CHEMICAL 67899-DE-EPT Germany MODULE COMPANY 10/13/2010 10771271.3 2493598 07/16/2014 602010017550.2 METHOD FOR APPLYING TAPE LAYER TO OUTER PERIPHERY OF SPIRAL WOUND THE DOW CHEMICAL	67899-CN-PCT China	SPIRAL WOUND MODULE		10/13/2010 201080047309.6	102574063	10/01/2014 201080047309.6
METHOD FOR APPLYING TAPE LAYER TO OUTER PERIPHERY OF SPIRAL WOUND THE DOW CHEMICAL		APPLYING TAPE LAYER TO OUTER PERIPHERY OF	THE DOW CHEMICAL			
PERIPHERY OF SPIRAL WOUND THE DOW CHEMICAL	67899-DE-EPT Germany	METHOD FOR APPLYING TAPE	COMPANY	10/13/2010 10771271.3	2493598	07/16/2014 602010017550.2
	67899-IN-PCT India	PERIPHERY OF SPIRAL WOUND		10/13/2010 3788/CHENP/2012	3788/CHENP/20	12

G7899-JP-PCT Japan	METHOD FOR APPLYING TAPE LAYER TO OUTER PERIPHERY OF SPIRAL WOUND MODULE METHOD FOR APPLYING TAPE LAYER TO OUTER PERIPHERY OF	THE DOW CHEMICAL COMPANY	10/13/2010	2012-536848	2013-508154	06/19/2015 5763662
67899-KR-PCT SOUTH KOREA United States Of 67899-US-NP America	SPIRAL WOUND MODULE METHOD FOR APPLYING TAPE LAYER TO OUTER PERIPHERY OF SPIRAL WOUND MODULE METHOD FOR INHIBITING NITROSAMINE	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	10/13/2010	10-2012-7013282 12/903245	10-2012-00964 2011-0094660	10/16/2017 10-1788534 03/27/2012 8142588
United States Of 68123-US-NP America United States Of 68191-US-NP America	FORMATION IN ANION EXCHANGE RESINS METHOD OF TESTING MEMBRANES AND MEMBRANE-BASED SYSTEMS PERCHLORATE REMOVAL USING	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	12/27/2011 05/07/2009		2012-0172463 2010-0281960	12/22/2015 9216411 03/31/2015 8991235
United States Of 68293-US-NP America 68510-CN-PCT China	ION EXCHANGE RESINS COMPRISING INTERPENETRATING POLYMER NETWORKS METHOD OF TESTING THE INTEGRITY OF SPIRAL WOUND MODULES	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	02/08/2010	12/701644 201080047185.1	2010-0243573	08/14/2012 8241505 11/19/2014 201080047185.1
68510-JP-PCT Japan	METHOD OF TESTING THE INTEGRITY OF SPIRAL WOUND MODULES	THE DOW CHEMICAL COMPANY	10/13/2010	2012-535241	2013-508142	06/19/2015 5763655
United States Of 68510-US-NP America 68511-CN-PCT China	METHOD OF TESTING THE INTEGRITY OF SPIRAL WOUND MODULES METHOD OF TESTING SPIRAL WOUND MODULES BY THERMAL IMAGING METHOD OF	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	10/13/2010	12/903236 201080061517.1	2011-0091094 102711964	10/29/2013 8571296 10/22/2014 201080061517.1
United States Of 68511-US-NP America 68652-DE-EPA Germany	METHOD OF TESTING SPIRAL WOUND MODULES BY THERMAL IMAGING IMPROVED SHELL FUNCTIONALIZED ION EXCHANGE RESINS IMPROVED SHELL	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	10/13/2010 07/25/2012		2011-0170572 2564926	01/08/2013 8348499 06/13/2018 2564926
European 68652-EP-EPA Procedure (Patents) 68652-GB-EPA United Kingdom	FUNCTIONALIZED ION EXCHANGE	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	07/25/2012		2564926 2564926	06/13/2018 2564926 06/13/2018 2564926

	IMPROVED SHELL	
	FUNCTIONALIZED	
	ION EXCHANGE	THE DOW CHEMICAL
68652-IN-NP India	RESINS IMPROVED SHELL	COMPANY 07/31/2012 2339/DEL/2012 06/27/2018 298122
	FUNCTIONALIZED	
COCES DO EDA Demonia	ION EXCHANGE	THE DOW CHEMICAL
68652-RO-EPA Romania	RESINS IMPROVED SHELL	COMPANY 07/25/2012 12177892.2 2564926 06/13/2018 2564926
	FUNCTIONALIZED	
United States Of	ION EXCHANGE	THE DOW CHEMICAL
68652-US-NP America	RESINS COMPOSITIONS OF	COMPANY 08/21/2012 13/590276 2013-0053460 04/01/2014 8686055
	DIBROMOMALONA	
cocca pp per		THE DOW CHEMICAL
68662-BR-PCT Brazil	AS BIOCIDES SYNERGISTIC	COMPANY 09/27/2010 112012004926.7
	MICROBICIDAL	
	COMPOSITIONS COMPRISING 2, 2-	
	DIBROMOMALONA	
	MIDE AND AN	THE DOW CHEMICAL
68662-CN-PCD China	OXIDIZING BIOCIDE SYNERGISTIC	COMPANY 11/05/2013 201310541372.0 103518728 05/13/2015 201310541372.0
	MICROBICIDAL	
	COMPOSITIONS	
	COMPRISING 2, 2- DIBROMOMALONA	
	MIDE AND AN	THE DOW CHEMICAL
68662-CN-PCD[2] China	OXIDIZING BIOCIDE SYNERGISTIC	COMPANY 11/05/2013 201310541374.X 103548870 05/13/2015 201310541374.x
	MICROBICIDAL	
	COMPOSITIONS	
	COMPRISING 2, 2- DIBROMOMALONA	
	MIDE AND AN	THE DOW CHEMICAL
68662-CN-PCD[3] China	OXIDIZING BIOCIDE	COMPANY 11/05/2013 201310541375.4 103636671 01/06/2016 201310541375.4
	SYNERGISTIC MICROBICIDAL	
	COMPOSITIONS	
	COMPRISING 2, 2-	
	DIBROMOMALONA MIDE AND AN	THE DOW CHEMICAL
68662-CN-PCD[4] China	OXIDIZING BIOCIDE	COMPANY 11/05/2013 201310541072.2 103621511 05/13/2015 201310541072.2
	SYNERGISTIC MICROBICIDAL	
	COMPOSITIONS	
	COMPRISING 2, 2-	
	DIBROMOMALONA MIDE AND AN	THE DOW CHEMICAL
68662-CN-PCD[5] China	OXIDIZING BIOCIDE	COMPANY 11/05/2013 201310541071.8 103621510 05/13/2015 201310541071.8
	SYNERGISTIC	
	MICROBICIDAL COMPOSITIONS	
	COMPRISING 2, 2-	
	DIBROMOMALONA MIDE AND AN	THE DOW CHEMICAL
68662-CN-PCD[6] China	OXIDIZING BIOCIDE	COMPANY 11/05/2013 201310541391.3 103636672 12/30/2015 201310541391.3
	SYNERGISTIC	
	MICROBICIDAL COMPOSITIONS	
	COMPRISING 2,2-	
	DIBROMOMALONA	THE DOME FLEXIFAL
68662-CN-PCT China	MIDE AND AN OXIDIZING BIOCIDE	THE DOW CHEMICAL COMPANY 09/27/2010 201080042923.3 102548400 07/02/2014 201080042923.3
	COMPOSITIONS OF	
	DIBROMOMALONA MIDE AND THEIR US	THE DOW CHEMICAL
68662-ES-EPT Spain	AS BIOCIDES	COMPANY 09/27/2010 10760569.3 2482649 07/23/2014 2482649
	COMPOSITIONS OF	
	DIBROMOMALONA MIDE AND THEIR US	E THE DOW CHEMICAL
68662-GB-EPT United Kingdom	AS BIOCIDES	COMPANY 09/27/2010 10760569.3 2482649 07/23/2014 2482649

	COMPOSITIONS OF DIBROMOMALONA	
68662-IN-PCT India		E THE DOW CHEMICAL COMPANY 09/27/2010 2907/CHENP/2012 2907/CHENP/2012
	COMPOSITIONS OF DIBROMOMALONA	
68662-IT-EPT Italy		E THE DOW CHEMICAL COMPANY 09/27/2010 10760569.3 2482649 07/23/2014 2482649
***************************************	COMPOSITIONS OF DIBROMOMALONA	
68662-JP-PCT Japan	MIDE AND THEIR USE	E THE DOW CHEMICAL COMPANY 09/27/2010 2012-532218 2013-506002 03/06/2015 5706428
5002 St. 101	COMPOSITIONS OF DIBROMOMALONA	3,2,222 22.532.22
68662-MX-PCT Mexica	MIDE AND THEIR USE	E THE DOW CHEMICAL COMPANY 09/27/2010 MX/a/12/003735 MX/a/12/0037 12/02/2014 325892
	COMPOSITIONS OF DIBROMOMALONA	
United S 68662-US-PCT America	tates Of MIDE AND THEIR USE	E THE DOW CHEMICAL COMPANY 09/27/2010 13/388696 2012-0177745 07/19/2016 9392789
08002-03-FC1 AMERICA	SULFONATED POLY	CONVENIE 05/27/2010 13/300030 2012-01/7/43 07/13/2010 5552705
	(ARYL ETHER) MEMBRANE	
United S	INCLUDING BLEND tates Of WITH PHENYL AMINE	E THE DOW CHEMICAL
68915-US-NP America	COMPOUND TUBESHEET AND	COMPANY 03/01/2011 13/037393 2012-0223010 06/17/2014 8752714
	METHOD FOR MAKING AND USING	THE DOW CHEMICAL
69562-CN-PCT China	THE SAME TUBESHEET AND	COMPANY 09/07/2011 201180046716.X 103140277 09/30/2015 201180046716.X
United S	METHOD FOR	THE DOW CHEMICAL
69562-US-NP America		COMPANY 09/28/2010 12/891968 2012-0074054 08/13/2013 8506808
	ENHANCED	
69592-CN-PCT China		THE DOW CHEMICAL COMPANY 03/18/2011 201180024684.3 102906924 07/06/2016 201180024684.3
	SPIRAL WOUND	
	MODULE INCLUDING MEMBRANE SHEET	ı
	WITH REGIONS HAVING DIFFERENT	THE DOW CHEMICAL
69712-CN-PCT China	PERMEABILITIES	COMPANY 10/17/2011 201180040928.7 103068472 04/29/2015 201180040928.7
	SPIRAL WOUND MODULE INCLUDING	
	MEMBRANE SHEET WITH REGIONS	
69712-DE-EPT German	HAVING DIFFERENT	THE DOW CHEMICAL COMPANY: 10/17/2011 11779899.1 2576028 04/23/2014 602011006443.6
05/12 BE ET GETTINGT	SPIRAL WOUND	20,17,2011 121730331 2370020 04,23,2014 02201800443.0
	MODULE INCLUDING MEMBRANE SHEET	
	WITH REGIONS	THE DOWN CHENNESS
69712-ES-EPT Spain		THE DOW CHEMICAL COMPANY 10/17/2011 11779899.1 2576028 04/23/2014 2576028
	SPIRAL WOUND	
	MODULE INCLUDING MEMBRANE SHEET	
		THE DOW CHEMICAL
69712-GB-EPT United K	ingdom PERMEABILITIES	COMPANY 10/17/2011 11779899.1 2576028 04/23/2014 2576028
	SPIRAL WOUND MODULE INCLUDING	
	MEMBRANE SHEET WITH REGIONS	
69712-IN-PCT India		THE DOW CHEMICAL COMPANY 10/17/2011 2789/CHENP/2013

69712-IT-EPT Italy United States Of 69712-US-PCT America 69766-CN-PCT China	SPIRAL WOUND MODULE INCLUDING MEMBRANE SHEET WITH REGIONS HAVING DIFFERENT PERMEABILITIES SPIRAL WOUND MODULE INCLUDING MEMBRANE SHEET WITH REGIONS HAVING DIFFERENT PERMEABILITIES COKING WASTEWATER TREATMENT PROCESS FOR THE RECOVERY OF GOLD	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	10/17/2011 11779899.1 10/17/2011 13/808281 11/30/2011 201180074811.0	2576028 2013-0199988 104024168	04/23/2014 2576028 07/30/2013 8496825
	USING MACROPOROUS	THE DOW CHEMICAL	04/00/00/4 204/204064		00/25/2003 2003 2000
69769-AU-NP Australia 69769-RU-NP Russian Federation	HYPER SELECTIVE STRONG BASE ANION EXCHANGE RESIN FOR GOLD FROM COMPLEX CYANIDE SOLUTIONS	THE DOW CHEMICAL COMPANY	04/29/2011 2011201951 04/28/2011 2011116933		09/26/2013 2011201951 04/24/2012 2459880
	A PROCESS FOR SEPARATING COPPER AND NICKEL FROM COBALT CONTAINING	THE DOW CHEMICAL			
69771-AU-NP Australia	A PROCESS FOR SEPARATING COPPER AND NICKEL FROM COBALT CONTAINING	COMPANY THE DOW CHEMICAL	05/17/2011 2011202297		03/06/2014 2011202297
69771-BR-NP Brazil	A PROCESS FOR SEPARATING COPPER AND NICKEL FROM COBALT CONTAINING	THE DOW CHEMICAL	05/24/2011 PI1102306.6	PI1102306.6	
69771-CA-NP Canada United States Of	A PROCESS FOR SEPARATING COPPER AND/OR NICKEL FROM COBALT CONTAINING	THE DOW CHEMICAL	05/13/2011 2740249	2740249	
69771-US-NP America 6973-CN-PCT China	CONTAINING SOLUTIONS COMPOSITIONS AND METHOD OF INHIBITING POLYMERIZATION OF VINYL-ARYL MONOMIERS COMPOSITIONS AND METHOD OF INHIBITING POLYMERIZATION OF	THE DOW CHEMICAL COMPANY	05/24/2011 13/114863 07/27/2011 201180043578.X	2011-0290077 103124745	12/02/2014 8900342 10/29/2014 201180043578.X
69913-DE-EPT Germany	VINYL-ARYL MONOMERS	THE DOW CHEMICAL COMPANY	07/27/2011 11745631.9	2585490	07/02/2014 602011008160.8

COMPOSITIONS AND METHOD OF INHIBITING POLYMERIZATION OF VINYL-ARYL	F THE DOW CHEMICAL
69913-FR-EPT France MONOMERS COMPOSITIONS AND METHOD OF INHIBITING POLYMERIZATION OF	F
VINYL-ARYL 69913-GB-EPT United Kingdom MONOMERS COMPOSITIONS AND METHOD OF INHIBITING POLYMERIZATION OF	
69913-JP-PCT Japan MONOMERS COMPOSITIONS AND METHOD OF INHIBITING	THE DOW CHEMICAL COMPANY 07/27/2011 2013-523199 2013-535553 11/06/2015 5833652
POLYMERIZATION OF United States Of VINYL-ARYL 69913-US-PCT America MONOMERS METHOD FOR	F THE DOW CHEMICAL COMPANY 07/27/2011 13/811574 2013-0158203 03/03/2015 8969498
INHIBITING NITROSAMINE FORMATION IN United States Of ANION EXCHANGE 70132-US-NP America RESINS	THE DOW CHEMICAL COMPANY 12/27/2011 13/337736 2012-0172464 09/22/2015 9138739
70151-AU-PCT Australia HANDLE FLUID FILTER	THE DOW CHEMICAL COMPANY 08/01/2011 2011293758 03/26/2015 2011293758 THE DOW CHEMICAL
70151-CN-PCT China HANDLE FLUID FILTER MODULE INCLUDING 70151-DE-EPT Germany HANDLE FLUID FILTER	COMPANY 08/01/2011 201180041261.2 103068471 02/17/2016 2011800412612 THE DOW CHEMICAL COMPANY 08/01/2011 11748522.7 2585200 05/14/2014 602011007065.7
70151-FR-EPT France HANDLE FLUID FILTER	THE DOW CHEMICAL COMPANY 08/01/2011 11748522.7 2585200 05/14/2014 2585200 THE DOW CHEMICAL COMPANY 08/01/2011 11748522.7 2585200 05/14/2014 2585200
FLUID FILTER MODULE INCLUDING 70151-IN-PCT India HANDLE FLUID FILTER	THE DOW CHEMICAL COMPANY 08/01/2011 1450/CHENP/2013 5 THE DOW CHEMICAL
70151-NL-EPT Netherlands HANDLE FLUID FILTER	COMPANY 08/01/2011 11748522.7 2585200 05/14/2014 2585200 THE DOW CHEMICAL COMPANY 08/25/2010 12/862872 2012-0048796 09/11/2012 8261919
70199-AU-PCT Australia SEALED BOSS FLUID FILTER	5 THE DOW CHEMICAL COMPANY 08/01/2011 2011293757 02/19/2015 2011293757
70199-CN-PCT China SEALED BOSS FLUID FILTER	COMPANY 08/01/2011 201180041263.1 103153445 03/04/2015 201180041263.1 THE DOW CHEMICAL COMPANY 08/01/2011 11749283.5 2585201 04/09/2014 602011006099.6
70199-FR-EPT France SEALED BOSS	THE DOW CHEMICAL COMPANY 08/01/2011 11749283.5 2585201 04/09/2014 2585201
FLUID FILTER MODULE INCLUDING 70199-GB-EPT United Kingdom SEALED BOSS	THE DOW CHEMICAL COMPANY 08/01/2011 11749283.5 2585201 04/09/2014 2585201

		FLUID FILTER					
70199-IN-PCT	India	MODULE INCLUDING SEALED BOSS	THE DOW CHEMICAL COMPANY	08/01/2011	1448/CHENP/2013		
		FLUID FILTER					
		MODULE INCLUDING					
70199-NL-EPT	Netherlands	SEALED BOSS	COMPANY	08/01/2011	11749283.5	2585201	04/09/2014 2585201
		FLUID FILTER					
70199-US-NP	United States Of America	MODULE INCLUDING SEALED BOSS DUAL-SIDED	THE DOW CHEMICAL COMPANY	08/25/2010	12/862881	2012-0048795	05/08/2012 8173018
	United States Of	MEMBRANE SHEET AND METHOD FOR	THE DOW CHEMICAL				
70262-US-NP	America	MAKING THE SAME	COMPANY	09/17/2010	12/884839		02/14/2012 8114478
		SULFONATED POLY(ARYLETHER)					
		MEMBRANE					
	United States Of	INCLUDING BLEND WITH PHENOL	THE DOW CHEMICAL				
70276-US-NP	America	COMPOUND	COMPANY	02/21/2012	13/400634	2012-0225960	09/09/2014 8829060
		COMPOSITE POLYAMIDE	THE DOW CHEMICAL				
70768-CN-PCT	China	MEMBRANE	COMPANY	01/20/2012	201280006263.2	103328083	02/09/2018 201280006263.2
		COMPOSITE POLYAMIDE	THE DOW CHEMICAL				
70768-DE-EPT	Germany	MEMBRANE	COMPANY	01/20/2012	12702684.7	2632575	04/27/2016 602012017636.9
		COMPOSITE POLYAMIDE	THE DOW CHEMICAL				
70768-ES-EPT	Spain	MEMBRANE	COMPANY	01/20/2012	12702684.7	2632575	04/27/2016 2632575
		COMPOSITE POLYAMIDE	THE DOW CHEMICAL				
70768-FR-EPT	France	MEMBRANE	COMPANY	01/20/2012	12702684.7	2632575	04/27/2016 2632575
		COMPOSITE POLYAMIDE	THE DOW CHEMICAL				
70768-GB-EPT	United Kingdom	MEMBRANE	COMPANY	01/20/2012	12702684.7	2632575	04/27/2016 2632575
		COMPOSITE POLYAMIDE	THE DOW CHEMICAL				
70768-IT-EPT	Italy	MEMBRANE	COMPANY	01/20/2012	12702684.7	2632575	04/27/2016 5020160000659
		COMPOSITE POLYAMIDE	THE DOW CHEMICAL				
70768-JP-PCT	Japan	MEMBRANE COMPOSITE	COMPANY	01/20/2012	2013-550596	2014-504550	05/13/2016 5934252
		POLYAMIDE	THE DOW CHEMICAL				
70768-KR-PCT	SOUTH KOREA	MEMBRANE COMPOSITE	COMPANY	01/20/2012	10-2013-7022266	10-2014-00162	72
		POLYAMIDE	THE DOW CHEMICAL				
70769-CN-PCT	China	MEMBRANE COMPOSITE	COMPANY	01/20/2012	201280006262.8	103328082	08/10/2016 201280006262.8
		POLYAMIDE	THE DOW CHEMICAL				
70769-DE-EPT	Germany	MEMBRANE COMPOSITE	COMPANY	01/20/2012	12702685.4	2632576	10/08/2014 602012003350.9
		POLYAMIDE	THE DOW CHEMICAL				
70769-ES-EPT	Spain	MEMBRANE COMPOSITE	COMPANY	01/20/2012	12702685.4	2632576	10/08/2014 2632576
		POLYAMIDE	THE DOW CHEMICAL				
70769-FR-EPT	France	MEMBRANE COMPOSITE	COMPANY	01/20/2012	12/02685.4	2632576	10/08/2014 2632576
70766 65	the tend to the all	POLYAMIDE	THE DOW CHEMICAL	01/20/2015	12702005 4	2622576	10/00/2014 2022==2
70769-GB-EPT	United Kingdom	MEMBRANE COMPOSITE	COMPANY	01/20/2012	12702685.4	2632576	10/08/2014 2632576
70760 IT FOT	traki	POLYAMIDE	THE DOW CHEMICAL	01/20/2010	1170360F 4	7623576	10/00/2014 2522525
70769-IT-EPT	Italy	MEMBRANE COMPOSITE	COMPANY	01/20/2012	12102003.4	2632576	10/08/2014 2632576
70769-JP-PCT	Japan	POLYAMIDE MEMBRANE	THE DOW CHEMICAL COMPANY	01/20/2012	2013-550597	2014-504551	05/13/2016 5934253
70703-3F-FCI	sapan	COMPOSITE	SOME THE	01/20/2012	2013-33UJ3/	5014-204331	03/13/2010 3934233
70769-KR-PCT	SOUTH KOREA	POLYAMIDE MEMBRANE	THE DOW CHEMICAL COMPANY	01/20/2012	10-2013-7022267	10-2014-00162	73
, OF DESCRIPTION	SSOTTHOREA	COMPOSITE	CONTRICTOR I	MIL ZULZHIZ	±0-2013-1022201		
70770-CN-PCT	China	POLYAMIDE MEMBRANE	THE DOW CHEMICAL COMPANY	01/20/2012	201280006174.8	103328081	08/19/2015 201280006174.8
, 0, , 0-CN-PC1	Simu	CHIDIANE		01, 20, 2012	2012000001/4.0	103320001	50/13/2013 2012000001/4.8

		COMPOSITE					
		POLYAMIDE	THE DOW CHEMICAL				
70770-DE-EPT	Germany	MEMBRANE	COMPANY	01/20/2012	12702923.9	2632577	10/01/2014 602012003265.0
		COMPOSITE					
70770-ES-EPT	Spain	POLYAMIDE MEMBRANE	THE DOW CHEMICAL COMPANY	01/20/2012	12702022 0	2632577	10/01/2014 2632577
70770-E3-EP1	Spain	COMPOSITE	COMPANY	01/20/2012	12/02925.9	2032377	10/01/2014 2052577
		POLYAMIDE	THE DOW CHEMICAL				
70770-FR-EPT	France	MEMBRANE	COMPANY	01/20/2012	12702923.9	2632577	10/01/2014 2632577
		COMPOSITE	THE DOLL CHE MON				
70770-GB-EPT	United Kingdom	POLYAMIDE MEMBRANE	THE DOW CHEMICAL COMPANY	01/20/2012	12702022 0	2632577	10/01/2014 2632577
70770-08-211	Onica Kingaom	COMPOSITE	com an	01/20/2012	12702323.5	2032377	10/01/2014 20323//
		POLYAMIDE	THE DOW CHEMICAL				
70770-IT-EPT	Italy	MEMBRANE	COMPANY	01/20/2012	12702923.9	2632577	10/01/2014 2632577
		COMPOSITE POLYAMIDE	THE DOW CHEMICAL				
70770-JP-PCT	Japan	MEMBRANE	COMPANY	01/20/2012	2013-550598	2014-510619	04/08/2016 5912133
	-	COMPOSITE					
		POLYAMIDE	THE DOW CHEMICAL				
70770-KR-PCT	SOUTH KOREA	MEMBRANE	COMPANY	01/20/2012	10-2013-7022268	10-2014-001627	4
	United States Of	COMPOSITE POLYAMIDE	THE DOW CHEMICAL				
70770-US-PCT	America	MEMBRANE	COMPANY	01/20/2012	13/990139	2013-0287945	03/03/2015 8968828
		HIGH EFFICIENCY		,,	,		,,
		MICROBIAL FUEL	THE DOW CHEMICAL				
70844-CN-PCT	China	CELL	COMPANY	03/18/2011	201180024710.2	102918697	09/30/2015 201180024710.2
		MICROBIAL FUEL					
		CELL PROCESS WHICH MAXIMIZES					
		THE REDUCTION OF					
		BIODEGRADABLE					
		MATERIALS					
	CI.	CONTAINED IN A	THE DOW CHEMICAL	00/40/0044	2011000017071	100000100	0.5/4=/0.04.5 0.044.00004=0=4
70845-CN-PCT	China	FLUID STREAM MICROBIAL FUEL	COMPANY	03/18/2011	201180024705.1	102893438	06/15/2016 201180024705.1
		CELL PROCESS					
		WHICH MAXIMIZES					
		THE REDUCTION OF					
		BIODEGRADABLE					
		MATERIALS	THE DOW CHEMICAL				
70845-DE-EPT	Germany	CONTAINED IN A FLUID STREAM	COMPANY	03/18/2011	11711715 1	2548253	08/17/2016 2548253
		MICROBIAL FUEL			+*/ ***		
		CELL PROCESS					
		WHICH MAXIMIZES					
		THE REDUCTION OF					
		BIODEGRADABLE MATERIALS					
		CONTAINED IN A	THE DOW CHEMICAL				
70845-FR-EPT	France	FLUID STREAM	COMPANY	03/18/2011	11711215.1	2548253	08/17/2016 602011029299.4
		MICROBIAL FUEL					
		CELL PROCESS					
		WHICH MAXIMIZES THE REDUCTION OF					
		BIODEGRADABLE					
		MATERIALS					
		CONTAINED IN A	THE DOW CHEMICAL				
70845-G8-EPT	United Kingdom	FLUID STREAM	COMPANY	03/18/2011	11711215.1	2548253	08/17/2016 2548253
		ELECTRODEIONIZATI ON DEVICE					
		INCLUDING ION					
		EXCHANGE SPACER					
		AND METHOD OF	THE DOW CHEMICAL				
70901-CN-PCT	China	ASSEMBLY	COMPANY	05/22/2012	201280028356.5	103764262	06/08/2016 201280028356.5
		ELECTRODEIONIZATI ON DEVICE					
		INCLUDING ION					
		EXCHANGE SPACER					
	United States Of	AND METHOD OF	THE DOW CHEMICAL				
70901-US-PCT	America	ASSEMBLY	COMPANY	05/22/2012	14/115638	2014-0083601	09/16/2014 8834663

COMPOSITIONS OF DIBROMOMALONA	
MIDE AND THEIR US	E THE DOW CHEMICAL
70970-BR-PCT Brazil AS BIOCIDES COMPOSITIONS OF	COMPANY 03/12/2012 112013021901.7
DIBROMOMALONA MIDE AND THEIR US	E THE DOW CHEMICAL
70970-CN-PCD China AS BIOCIDES	COMPANY 01/20/2015 201510027795.X 104705299 07/28/2017 201510027795.X
COMPOSITIONS OF DIBROMOMALONA	
	E THE DOW CHEMICAL
70970-CN-PCT China AS BIOCIDES COMPOSITIONS OF	COMPANY 03/12/2012 201280014883.0 103442562 01/06/2016 201280014883.0
DIBROMOMALONA MIDE AND THEIR LIS	E THE DOW CHEMICAL
70970-DE-EPT Germany AS BIOCIDES	COMPANY 03/12/2012 12710619.3 2688400 04/19/2017 602012031302.1
COMPOSITIONS OF DIBROMOMALONA	
	E THE DOW CHEMICAL 03/12/2012 12710619.3 2688400 04/19/2017 2688400
70970-FR-EPT France AS BIOCIDES COMPOSITIONS OF	COMPANY 03/12/2012 12710619.3 2688400 04/19/2017 2688400
DIBROMOMALONA MIDE AND THEIR US	E. THE DOW CHEMICAL
70970-GB-EPT United Kingdom AS BIOCIDES	COMPANY 03/12/2012 12710619.3 2688400 04/19/2017 2688400
COMPOSITIONS OF DIBROMOMALONA	
MIDE AND THEIR US 70970-IN-PCT India AS BIOCIDES	E THE DOW CHEMICAL COMPANY 03/12/2012 7305/DELNP/2013
COMPOSITIONS OF	33/21/2022 1303/02211/2023
DIBROMOMALONA MIDE AND THEIR US	E THE DOW CHEMICAL
70970-JP-PCT Japan AS BIOCIDES COMPOSITIONS OF	COMPANY 03/12/2012 2014-501134 2014-511838 01/29/2016 5875672
DIBROMOMALONA	
MIDE AND THEIR US 70970-MX-PCT Mexico AS BIOCIDES	E THE DOW CHEMICAL 03/12/2012 MX/a/13/010454 10/05/2016 342592
COMPOSITIONS OF DIBROMOMALONA	
United States Of MIDE AND THEIR US	E THE DOW CHEMICAL
70970-US-PCT America AS BIOCIDES STRONG ACID	COMPANY 03/12/2012 14/007485 2014-0023727 01/26/2016 9241484
CATALYST 71128-BR-PCT Brazil COMPOSITION	THE DOW CHEMICAL COMPANY 12/20/2012 112014014294-7
Strong acid	
CATALYST 71128-CA-PCT Canada COMPOSITION	THE DOW CHEMICAL COMPANY 12/20/2012 2859445
STRONG ACID European CATALYST	THE DOW CHEMICAL
71128-EP-EPT Procedure (Patents) COMPOSITION	COMPANY 12/20/2012 12813207.3 2776159
STRONG ACID CATALYST	THE DOW CHEMICAL
71128-JP-PCT Japan COMPOSITION STRONG ACID	COMPANY 12/20/2012 2014-550366 2015-508329 03/31/2017 6118821
CATALYST	THE DOW CHEMICAL
71128-KR-PCT SOUTH KOREA COMPOSITION STRONG ACID	COMPANY 12/20/2012 10-2014-7019537 10-2014-0109435
United States Of CATALYST 71128-US-PCT America COMPOSITION	THE DOW CHEMICAL COMPANY 12/20/2012 14/359338 2015-0011388 05/15/2018 9968920
ENHANCED STAGED	
71130-AU-NP Australia RESIN	O THE DOW CHEMICAL 07/10/2014 2012241177 07/10/2014 2012241177
ENHANCED STAGED ELUTION OF LOADE	O THE DOW CHEMICAL
71130-CA-NP Canada RESIN	COMPANY 10/02/2012 2791611 05/06/2014 2791611
	O THE DOW CHEMICAL
71130-RU-NP Russian Federation RESIN COMPOSITE	COMPANY 10/30/2012 2012146244 04/10/2015 2545978
MEMBRANE	
FORMED FROM POLYMER BLEND	
INCLUDING SELF- ASSEMBLING BLOCK	THE DOW CHEMICAL
71440-CN-PCT China COPOLYMERS	COMPANY 07/26/2012 201280035259.9 103781537 04/06/2016 201280035259.9

POLYMER BLEND INCLUDING SELF- United States Of ASSEMBLING BLOCK THE DOW CHEMICAL 71440-US-PCT America COPCYMERS COMPANY 07/26/2012 14/125179 2014-0178582 COMPOSITE POLYAMIDE MEMBRANE
71440-US-PCT America COPOLYMERS COMPANY 07/26/2012 14/125179 2014-0178582 COMPOSITE POLYAMIDE
COMPOSITE POLYAMIDE
DERIVED FROM MONOMER INCLUDING AMINE-
REACTIVE AND PHOSPHOROUS- CONTAINING FUNCTIONAL THE DOW CHEMICAL
71478-CN-PCT China GROUPS COMPANY 07/17/2012 201280042254.9 103764264 11/16/2016 201280042254.9 COMPOSITE
POLYAMIDE MEMBRANE
DERIVED FROM MONOMER
INCLUDING AMINE- REACTIVE AND
PHOSPHOROUS-
CONTAINING FUNCTIONAL THE DOW CHEMICAL
71478-JP-PCT Japan GROUPS COMPÁNY 07/17/2012 2014-528394 2014-525346 12/09/2016 6054968 COMPOSITE
POLYAMIDE MEMBRANE
DERIVED FROM MONOMER
INCLUDING AMINE- REACTIVE AND
PHOSPHOROUS- CONTAINING
United States Of FUNCTIONAL THE DOW CHEMICAL
71478-US-PCT America GROUPS COMPANY 07/17/2012 14/125202 2014-0170314 07/26/2016 9399196 IN-SITU METHOD
FOR PREPARING HYDROLYZED ACYL THE DOW CHEMICAL
71523-CN-PCT China HALIDE COMPOUND COMPANY 09/14/2012 201280045493.X 103958452 01/20/2016 201280045493.X IN-SITU METHOD
FOR PREPARING HYDROLYZED ACYL THE DOW CHEMICAL
71523-DE-EPT Germany HALIDE COMPOUND COMPANY 09/14/2012 12766790.5 2731925 07/08/2015 602012008697.1 IN-SITU METHOD
FOR PREPARING HYDROLYZED ACYL THE DOW CHEMICAL
71523-ES-EPT Spain HALIDE COMPOUND COMPANY 09/14/2012 12766790.5 2731925 07/08/2015 2731925
IN-SITU METHOD FOR PREPARING
HYDROLYZED ACYL THE DOW CHEMICAL 71523-FR-EPT France HALIDE COMPOUND COMPANY 09/14/2012 12766790.5 2731925 07/08/2015 2731925
IN-SITU METHOD FOR PREPARING
HYDROLYZED ACYL THE DOW CHEMICAL 71523-GB-EPT United Kingdom HALIDE COMPOUND COMPANY 09/14/2012 12766790.5 2731925 07/08/2015 2731925
IN-SITU METHOD FOR PREPARING
HYDROLYZED ACYL THE DOW CHEMICAL
71523-IL-PCT Israel HALIDE COMPOUND COMPANY 09/14/2012 231572 231572 04/01/2016 231572 IN-SITU METHOD
FOR PREPARING HYDROLYZED ACYL THE DOW CHEMICAL
71523-IN-PCT India HALIDE COMPOUND COMPANY 09/14/2012 2226/CHENP/2014 2226/CHENP/2014 IN-SITU METHOD
FOR PREPARING HYDROLYZED ACYL THE DOW CHEMICAL 71523-IT-EPT Italy HALIDE COMPOUND COMPANY 09/14/2012 12766790.5 2731925 07/08/2015 50201500000585

	IN-SITU METHOD	
	FOR PREPARING HYDROLYZED ACYL	THE DOW CHEMICAL
71523-JP-PCT Japan	HALIDE COMPOUND	
	IN-SITU METHOD FOR PREPARING	
	HYDROLYZED ACYL	THE DOW CHEMICAL
71523-KR-PCT SOUTH KOREA	HALIDE COMPOUND	COMPANY 09/14/2012 10-2014-7011508 10-2014-0069317
	IN-SITU METHOD FOR PREPARING	
United States Of	HYDROLYZED ACYL	THE DOW CHEMICAL
71523-US-NP America	HALIDE COMPOUND METHOD FOR	COMPANY 03/16/2013 13/844840 2014-0264161 06/09/2015 9051227
	SOLUBILIZING	
	CARBOXYLIC ACID-	
	CONTAINING COMPOUND IN	
	HYDROCARBON	THE DOW CHEMICAL
71681-CN-PCT China	SOLVENT METHOD FOR	COMPANY 09/14/2012 201280003998.X 103328088 02/03/2016 201280003998.X
	SOLUBILIZING	
	CARBOXYLIC ACID-	
	CONTAINING COMPOUND IN	
	HYDROCARBON	THE DOW CHEMICAL
71681-DE-EPT Germany	SOLVENT METHOD FOR	COMPANY 09/14/2012 12766791.3 2627439 12/14/2016 602012026634.1
	SOLUBILIZING	
	CARBOXYLIC ACID-	
	CONTAINING COMPOUND IN	
	HYDROCARBON	THE DOW CHEMICAL
71681-GB-EPT United Kingdom	SOLVENT METHOD FOR	COMPANY 09/14/2012 12766791.3 2627439 12/14/2016 2627439
	SOLUBILIZING	
	CARBOXYLIC ACID- CONTAINING	
	COMPOUND IN	
74 CO4 IN DCT India	HYDROCARBON	THE DOW CHEMICAL
71681-IN-PCT India	SOLVENT METHOD FOR	COMPANY 09/14/2012 2270/CHENP/2014 2270/CHENP/2014
	SOLUBILIZING	
	CARBOXYLIC ACID- CONTAINING	
	COMPOUND IN	
71681-JP-PCT Japan	HYDROCARBON SOLVENT	THE DOW CHEMICAL COMPANY 09/14/2012 2014-533583 2014-528831 03/24/2017 6114284
7100131 TC) Sapan	METHOD FOR	03/24/2016 2014-333303 2014-32331 03/24/2017 0117204
	SOLUBILIZING CARBOXYLIC ACID-	
	CONTAINING	
	COMPOUND IN	THE DOLL CHENCH
71681-KR-PCT SOUTH KOREA	HYDROCARBON SOLVENT	THE DOW CHEMICAL COMPANY 09/14/2012 10-2013-7020797 10-2014-0068797
	METHOD FOR	
	SOLUBILIZING CARBOXYLIC ACID-	
	CONTAINING	
	COMPOUND IN HYDROCARBON	THE DOW CHEMICAL
71681-NO-EPT Norway	SOLVENT	COMPANY 09/14/2012 12766791.3 2627439 12/14/2016 2627439
	METHOD FOR	
	SOLUBILIZING CARBOXYLIC ACID-	
	CONTAINING	
United States Of	COMPOUND IN HYDROCARBON	THE DOW CHEMICAL
71681-US-NP America	SOLVENT	COMPANY 03/16/2013 13/844841 2014-0264162 06/09/2015 9051417
	METHOD FOR PREPARING HIGH	
	PURITY MONO-	
United States Of	HYDROLYZED ACYL HALIDE COMPOUND	THE DOW CHEMICAL OCHRANN OS / 14/2012 14/125209 2014 0205000 05/12/2015 9026500
71682-US-PCT America	HACIDE CONTROONS	OS/14/2012 14/125208 2014-0206900 05/12/2015 9029600

	COMPOSITE				
	POLYAMIDE MEMBRANE				
	DERIVED FROM				
	CARBOXYLIC ACID				
	CONTAINING ACYL	THE DOW CHEMICAL			
71712-CN-PCT China	HALIDE MONOMER	COMPANY	09/14/2012 201280045586.2	103889563	03/29/2017 201280045586.2
	COMPOSITE POLYAMIDE				
	MEMBRANE				
	DERIVED FROM				
	CARBOXYLIC ACID				
	CONTAINING ACYL	THE DOW CHEMICAL			
71712-DE-EPT Germany	HALIDE MONOMER COMPOSITE	COMPANY	09/14/2012 12769543.5	2760570	10/21/2015 602012011856.3
	POLYAMIDE				
	MEMBRANE				
	DERIVED FROM				
	CARBOXYLIC ACID				
71712-ES-EPT Spain	CONTAINING ACYL HALIDE MONOMER	THE DOW CHEMICAL COMPANY	09/14/2012 12769543.5	2760570	10/21/2015 2760570
/1/12-E3-EP1 Spaili	COMPOSITE	COMPANI	09/14/2012 12/69545.5	2760370	10/21/2013 2/603/0
	POLYAMIDE				
	MEMBRANE				
	DERIVED FROM				
	CARBOXYLIC ACID CONTAINING ACYL	THE DOW CHEMICAL			
71712-FR-EPT France	HALIDE MONOMER	COMPANY	09/14/2012 12769543.5	2760570	10/21/2015 2760570
	COMPOSITE				10, 21, 2210 2, 200, 0
	POLYAMIDE				
	MEMBRANE				
	DERIVED FROM CARBOXYLIC ACID				
	CONTAINING ACYL	THE DOW CHEMICAL			
71712-GB-EPT United Kingdom	HALIDE MONOMER	COMPANY	09/14/2012 12769543.5	2760570	10/21/2015 2760570
	COMPOSITE				
	POLYAMIDE				
	MEMBRANE DERIVED FROM				
	CARBOXYLIC ACID				
	CONTAINING ACYL	THE DOW CHEMICAL			
71712-IL-PCT Israel	HALIDE MONOMER	COMPANY	09/14/2012 231573		
	COMPOSITE				
	POLYAMIDE MEMBRANE				
	DERIVED FROM				
	CARBOXYLIC ACID				
	CONTAINING ACYL	THE DOW CHEMICAL			
71712-IN-PCT India	HALIDE MONOMER COMPOSITE	COMPANY	09/14/2012 2212/CHENP/2014	2212/CHENP/20	114
	POLYAMIDE				
	MEMBRANE				
	DERIVED FROM				
	CARBOXYLIC ACID	THE DOMESTICAN			
71712-IT-EPT Italy	CONTAINING ACYL HALIDE MONOMER	THE DOW CHEMICAL COMPANY	09/14/2012 12769543.5	2760570	10/21/2015 50201600000386
	COMPOSITE				14, 24, 2445 3524 25534 45555
	POLYAMIDE				
	MEMBRANE				
	DERIVED FROM CARBOXYLIC ACID				
	CONTAINING ACYL	THE DOW CHEMICAL			
71712-JP-PCT Japan	HALIDE MONOMER	COMPANY	09/14/2012 2014-533584	2014-531979	10/21/2016 6027124
	COMPOSITE				
	POLYAMIDE				
	MEMBRANE DERIVED FROM				
	CARBOXYLIC ACID				
	CONTAINING ACYL	THE DOW CHEMICAL			
71712-KR-PCT SOUTH KOREA	HALIDE MONOMER	COMPANY	09/14/2012 10-2014-7011507	10-2014-007944	12

71712-US-NP 71820-CN-PCT 71820-US-PCT	United States Of America China United States Of America	COMPOSITE POLYAMIDE MEMBRANE DERIVED FROM CARBOXYLIC ACID CONTAINING ACYL HALIDE MONOMER COMPOSITE MEMBRANE COMPOSITE MEMBRANE	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	03/16/2013 02/12/2013 02/12/2013	201380010309.2	2014-0272134 104159657 2014-0363572	03/22/2016 9289729 05/10/2017 201380010309.2 09/13/2016 9440196
		A PROCESS FOR					
71978-CN-NP	China	MERCURY RECOVERY FROM WASTE ACID	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	11/10/2011	201110379128.X	103102023	07/06/2016 201110379128.X
72049-CN-PCT	China	MEMBRANE COMPOSITE	COMPANY	01/03/2013	201380004837.7	104039429	05/04/2016 201380004837.7
72049-EP-EPT	European Procedure (Patents)	POLYAMIDE	THE DOW CHEMICAL COMPANY	01/03/2013	13700592.2	2776146	
72049-IN-PCT	India	POLYAMIDE MEMBRANE	THE DOW CHEMICAL COMPANY	01/03/2013	5001/CHENP/2014	5001/CHENP/20	11Δ
72045 114 1 61		COMPOSITE		01,03,2013	3001/0112111/2014	3001/6112111/20	
72049-JP-PCT	Japan	POLYAMIDE MEMBRANE COMPOSITE	THE DOW CHEMICAL COMPANY	01/03/2013	2014-551305	2015-509829	10/07/2016 6018222
72049-KR-PCT	SOUTH KOREA	POLYAMIDE MEMBRANE	THE DOW CHEMICAL COMPANY	01/03/2013	10-2014-7021941	10-2014-011910	00
	United States Of	COMPOSITE POLYAMIDE	THE DOW CHEMICAL				
72049-US-PCT	America	MEMBRANE	COMPANY	01/03/2013	14/241731	2014-0370191	07/07/2015 9073015
72456-AU-PCT	Australia	NICKEL AND COBALT RECOVERY USING CONTINUOUS ION EXCHANGE	THE DOW CHEMICAL COMPANY	04/23/2013	2013256760		09/14/2017 2013256760
72456-CA-PCT	Canada	NICKEL AND COBALT RECOVERY USING CONTINUOUS ION EXCHANGE	THE DOW CHEMICAL COMPANY	04/23/2013	2870199		
72456-OA-PCT	OAPI	NICKEL AND COBALT RECOVERY USING CONTINUOUS ION EXCHANGE	THE DOW CHEMICAL	04/23/2013	1201400480		07/31/2015 17148
72430-OA-FC1	UAFI		CORREMAN	04/23/2013	1201400480		07/31/2013 17146
72456-RU-PCT	Russian Federation	NICKEL AND COBALT RECOVERY USING CONTINUOUS ION EXCHANGE	THE DOW CHEMICAL COMPANY	04/23/2013	2014148179		06/06/2017 2621504
		NICKEL AND COBALT					
	United States Of	RECOVERY USING CONTINUOUS ION	THE DOW CHEMICAL				
72456-US-PCT	America	EXCHANGE	COMPANY THE DOW CHEMICAL	04/23/2013	14/241746	2015-0096412	06/30/2015 9068247
72533-CN-NP	China	GAS DIFFUSER	COMPANY	07/17/2013	201310308707.4	103537194	11/09/2016 2013103087074
72533-US-NP	United States Of America	GAS DIFFUSER	THE DOW CHEMICAL COMPANY	07/09/2013	13/937241	2014-0191424	11/25/2014 8894048
72607-CA-PCT	Canada	HYDROCLONE	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	05/01/2012	2828922		
72607-CN-PCT	China	HYDROCLONE	COMPANY THE DOW CHEMICAL	05/01/2012	201280007451.7	103347580	05/20/2015 201280007451.7
72607-DE-EPT	Germany	HYDROCLONE	COMPANY	05/01/2012	12782820.0	2646129	07/15/2015 602012008834.6
72607-FR-EPT	France	MULTI-CHAMBERED HYDROCLONE	THE DOW CHEMICAL COMPANY	05/01/2012	12782820.0	2646129	07/15/2015 2646129
		MULTI-CHAMBERED	THE DOW CHEMICAL				
72607-GB-EPT	United Kingdom	HYDROCLONE	COMPANY	05/01/2012	17 12520:D	2646129	07/15/2015 2646129

72607-IN-PCT	India United States Of	MULTI-CHAMBERED HYDROCLONE MULTI-CHAMBERED	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	05/01/2012	8801/CHENP/2013			300
72607-US-PCT	America	HYDROCLONE	COMPANY	05/01/2012	13/581578	2014-0042083	03/04/2014 8663472	
72608-US-NP	United States Of America	CLEANING ASSEMBLY FOR USE IN FLUID FILTRATION SYSTEMS	THE DOW CHEMICAL	06/17/2011	12/162527	2012-0010063	11/11/2014 8882999	
72008-03-NF	America	APPARATUS AND	COM AN	00/17/2011	13/10333/	2012-0010005	11/11/2014 0002555	
		METHOD FOR IMPLEMENTING HYDROCLONE BASED						
		FLUID FILTRATION SYSTEMS WITH EXTENSIBLE						
72609-US-NP	United States Of America	ISOLATED FILTER STAGES HYDROCLONE BASED	THE DOW CHEMICAL COMPANY	12/08/2011	13/314967	2012-0145609	02/24/2015 8960450	
72610-US-CNT	United States Of America	FLUID FILTRATION SYSTEM	THE DOW CHEMICAL	02/01/2011	13/019114	2011/0120959	06/19/2012 8201697	
	United States Of	HYDROCLONE BASED FLUID FILTRATION	THE DOW CHEMICAL					
72610-US-CNT[2]	America	SYSTEM HYDROCLONE BASED	COMPANY	05/17/2012	13/473634	2013-0126421	04/22/2014 8701896	
72610-US-NP	United States Of America	FLUID FILTRATION SYSTEM HYDROCLONE BASED	THE DOW CHEMICAL COMPANY	08/18/2006	11/506374	2007-0045168	03/01/2011 7896169	388
72610-US-NP[2]	United States Of America	FLUID FILTRATION SYSTEM	THE DOW CHEMICAL COMPANY	08/18/2006	11/506714	2007-0039900	12/15/2009 7632416	
72776-BR-PCT	Brazil	HYDROCLONE WITH INLET FLOW SHIELD	THE DOW CHEMICAL COMPANY		112014027100-3			-000
72776-CA-PCT	Canada	HYDROCLONE WITH INLET FLOW SHIELD	THE DOW CHEMICAL COMPANY	05/07/2013	2872516			
72776-CN-PCT	China	HYDROCLONE WITH INLET FLOW SHIELD HYDROCLONE WITH	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	05/07/2013	201380025509.5	104302374	09/28/2016 201380025509.	.5
72776-DE-EPT	Germany	INLET FLOW SHIELD	COMPANY THE DOW CHEMICAL	05/07/2013	13725511.3	2849864	03/16/2016 602013005572	3
72776-FR-EPT	France	INLET FLOW SHIELD HYDROCLONE WITH	COMPANY THE DOW CHEMICAL	05/07/2013	13725511.3	2849864	03/16/2016 602013005572.	6
72776-GB-EPT	United Kingdom		COMPANY THE DOW CHEMICAL	05/07/2013		2849864	03/16/2016 2849864	
72776-IN-PCT	India	INLET FLOW SHIELD HYDROCLONE WITH	COMPANY THE DOW CHEMICAL		8253/CHENP/2014			
72776-JP-PCT 72776-KR-PCT	Japan SOUTH KOREA	INLET FLOW SHIELD HYDROCLONE WITH INLET FLOW SHIELD	COMPANY THE DOW CHEMICAL COMPANY		2015-512685	2015-520672 10-2015-001331	03/10/2017 6105718	88
72776-US-PCT	United States Of America		THE DOW CHEMICAL COMPANY	05/07/2013		2015-0108057	06/09/2015 9050610	
72776-ZA-PCT	South Africa	HYDROCLONE WITH INLET FLOW SHIELD	THE DOW CHEMICAL COMPANY	05/07/2013	2014/07727		01/27/2018 2014/07727	990
		CROSS-FLOW FILTRATION SYSTEM						
72799-CA-PCT	Canada	INCLUDING PARTICULATE SETTLING ZONE	THE DOW CHEMICAL COMPANY	05/22/2013	287322Q			
		CROSS-FLOW FILTRATION SYSTEM						
		INCLUDING PARTICULATE	THE DOW CHEMICAL					
72799-CN-PCT	China	SETTLING ZONE CROSS-FLOW FILTRATION SYSTEM	COMPANY	05/22/2013	201380028972.5	104334246	03/15/2017 201380028972.	5
	European	INCLUDING PARTICULATE	THE DOW CHEMICAL					
72799-EP-EPT	Procedure (Patents)		COMPANY	05/22/2013	13727744.8	2825276		
	United Cores Of	FILTRATION SYSTEM INCLUDING	THE DOMESTICATION					
72799-US-PCT	United States Of America	PARTICULATE SETTLING ZONE	THE DOW CHEMICAL COMPANY	05/22/2013	14/391128	2015-0083651	08/11/2015 9101859	

		HYDROCLONE WITH					
72838-CN-PCT	China	VORTEX FLOW BARRIER	THE DOW CHEMICAL COMPANY	05/22/2013	201380028633.7	104411379	01/25/2017 2013800286337
	United States Of	HYDROCLONE WITH VORTEX FLOW	THE DOW CHEMICAL				
72838-US-PCT	America	BARRIER	COMPANY	05/22/2013	1//200512	2015-02/222/	11/17/2015 9186604
72636-03-FC1	America	THIN FILM	COMPANY	03/22/2013	14/330313	2013-0343334	11/17/2013 3180004
	United States Of	COMPOSITE MEMBRANE DERIVED FROM TETRA-FUNCTIONAL ACYL HALIDE	THE DOW CHEMICAL				
72863-US-PCT	America	MONOMER COMPOSITE	COMPANY	07/03/2013	14/405697	2015-0147470	05/09/2017 9643128
	C1 :	POLYAMIDE	THE DOW CHEMICAL	07/00/0040	***********	404470607	05/44/2040 204000005050
72980-CN-PCT	China	MEMBRANE	COMPANY	07/03/2013	201380038526.2	104470627	05/11/2018 201380038526.2
72980-US-PCT	United States Of America	COMPOSITE POLYAMIDE MEMBRANE	THE DOW CHEMICAL COMPANY	07/03/2013	14/405711	2015-0151255	05/30/2017 9662615
		COMPOSITE					
		POLYAMIDE					
		MEMBRANE WITH					
		INCREASED	THE BOIL CHES SON				
72000 CN DCT	China	CARBOXYLIC ACID	THE DOW CHEMICAL	07/02/2012	204200020407.V	404470626	00/04/2040 204200020407.V
72998-CN-PCT	China	FUNCTIONALITY COMPOSITE POLYAMIDE MEMBRANE WITH	COMPANY	07/03/2013	201380038497.X	104470626	06/01/2018 201380038497.X
72998-EP-EPT	European Procedure (Patents)	INCREASED CARBOXYLIC ACID FUNCTIONALITY	THE DOW CHEMICAL COMPANY	07/03/2013	13737109.2	2874733	
		COMPOSITE					
		POLYAMIDE					
		MEMBRANE WITH					
		INCREASED					
		CARBOXYLIC ACID	THE DOW CHEMICAL				
72998-JP-PCT	Japan United States Of	FUNCTIONALITY COMPOSITE POLYAMIDE MEMBRANE WITH INCREASED CARBOXYLIC ACID	COMPANY THE DOW CHEMICAL	07/03/2013	2015-523111	2015-530229	05/11/2018 6334522
72998-US-PCT	America	FUNCTIONAUTY	COMPANY	07/03/2013	14/406994	2015-0129485	04/04/2017 9610542
73044 BB BCT	Dunnil		THE DOW CHEMICAL COMPANY	07/02/2012	112015001271.0		
73041-BR-PCT	Brazil	EXCHANGE 3131EW	COMPANY	07/03/2013	112015001271-0		
		COLINTER-FLOW ION	THE DOW CHEMICAL				
73041-CN-PCT	China	EXCHANGE SYSTEM	COMPANY	07/03/2013	201380038539.X	104661753	05/10/2017 201380038539.X
			THE DOW CHEMICAL				
73041-RU-PCT	Russian Federation	MEMBRANE DERIVED FROM	COMPANY	07/03/2013	2015105764		09/26/2017 2631816
		POLYFUNCTIONAL AMINE AND COMBINATION OF					
		DIFFERENT					
		POLYFUNCTIONAL					
73094-CN-PCT	China	AMINE-REACTIVE MONOMERS MEMBRANE	THE DOW CHEMICAL COMPANY	07/03/2013	201380037799.5	104470629	12/07/2016 201380037799.5
		DERIVED FROM					
		POLYFUNCTIONAL					
		AMINE AND					
		COMBINATION OF					
		DIFFERENT					
		POLYFUNCTIONAL					
	European	AMINE-REACTIVE	THE DOW CHEMICAL				
73094-EP-EPT	Procedure (Patents)	MONOMERS	COMPANY	07/03/2013	13737111.8	2858740	

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POLYFUNCT United States Of AMINE-REA	
73094-US-PCT America MONOMER	
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73313-CN-PCT China FUNCTIONA	
COMPOSITE POLYAMIDE	
MEMBRANE	Е WITH
IMPROVED 73374-CN-PCT China STRUCTURE	THE DOW CHEMICAL COMPANY 07/03/2013 201380038533.2 104487160
COMPOSITE POLYAMIDE	
MEMBRANI	
United States Of IMPROVED 73374-US-PCT America STRUCTURE	THE DOW CHEMICAL COMPANY 07/03/2013 14/407366 2015-0165387 04/25/2017 9630149
RADIATION MEMBRANI	
DERIVED FR POLYMERS	
CO-REACTIN	/E WITH
AZIDE CROS 73432-CA-PCT Canada AGENT(S)	SLINKING THE DOW CHEMICAL COMPANY 09/18/2013 2884012
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MEMBRANI	
DERIVED FR POLYMERS	
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United States Of AZIDE CROS 73432-US-PCT America AGENT(S)	SLINKING THE DOW CHEMICAL COMPANY 09/18/2013 14/422008 2015-0218330 10/27/2015 9169367
WASHING N INCLUDING	AACHING
INTEGRAL F	
MODULE AI 73455-CN-UM China AERATOR	ND THE DOW CHEMICAL COMPANY 09/28/2012 201220516047.X 201220516047 04/10/2013 201220516047.X
REMOVING IMPURITIES	
73658-CN-PCT China SUGAR SOL	UTIONS COMPANY 05/28/2013 201380076745.X 105247078
REMOVING European IMPURITIES	
73658-EP-EPT Procedure (Patents) SUGAR SOL REMOVING	UTIONS COMPANY 05/28/2013 13885872.5 2978736
IMPURITIES	
73658-JP-PCD Japan SUGAR SOL REMOVING	UTIONS COMPANY 03/28/2018 2018-061533 2018-117633
IMPURITIES 73658-JP-PCT Japan SUGAR SOL	
REMOVING	
United States Of IMPURITIES 73658-US-PCT America SUGAR SOL	
FILTRATION United States Of ELEMENT W	
73783-US-PCT America CAP AND FA	ACE SEAL COMPANY 10/09/2013 14/438944 2015-0314224 09/12/2017 9757669
73784-CN-PCT China HYDROCLOI	THE DOW CHEMICAL NE COMPANY 10/09/2013 201380065706.X 104870072 03/08/2017 201380065706.X

METHOD DON TREATMS	United States Of America 73964-CN-PCT[2] China	METHOD FOR TREATING OIL- CONTAINING AQUEOUS MIXTURES	V CHEMICAL			.1/24/2015 9192946 .0/10/2017 201480042608.9
### PATE ONLY CHEMICAL MONOMER COMPOSITE FOLY AMIDIE MEMBRANE MADE USING SUBSTITUTED BERZAMIDE FOLY AMIDIE MEMBRANE MADE USING SUBSTITUTED BERZAMIDE MEMBRANE MADE USING SUBSTITUTED MEMBRANE MADE USING SUBSTITUTED MEMBRANE MADE USING SUBSTITUTED MEMBRANE MADE USING SUBSTITUTED MEMBRANE MADE MEMBRANE MEMBRANE MADE MEMBRANE MADE MEMBRANE MADE MEMBRANE MADE MEMBRANE M		TREATING OIL- CONTAINING AQUEOUS MIXTURES WITH CATION THE DOX EXCHANGE RESIN COMPAR COMPOSITE POLYAMIDE MEMBRANE MADE		14/906623 2	2016-0185625 (03/27/2018 9926211
America		BENZAMIDE THE DOV MONOMER COMPAN COMPOSITE POLYAMIDE MEMBRANE MADE		201480004562.1	.04918688	12/14/2016 201480004562.1
COMPOSITE POLYAMIDE MEMBRANE INCLUDING TRI. HYDROCARBYL THE DOW CHEMICAL COMPOSITE POLYAMIDE MEMBRANE INCLUDING TRI. HYDROCARBYL THE DOW CHEMICAL COMPOSITE POLYAMIDE MEMBRANE INCLUDING TRI. HYDROCARBYL THE DOW CHEMICAL COMPOSITE POLYAMIDE MEMBRANE INCLUDING TRI. HYDROCARBYL THE DOW CHEMICAL COMPOSITE POLYAMIDE MEMBRANE INCLUDING TRI. HYDROCARBYL THE DOW CHEMICAL THE DOW CHEMICAL THE DOW CHEMICAL COMPOSITE POLYAMIDE MEMBRANE INCLUDING TRI. HYDROCARBYL THE DOW CHEMICAL COMPOSITE POLYAMIDE MEMBRANE INCLUDING TRI. HYDROCARBYL THE DOW CHEMICAL COMPOSITE POLYAMIDE MEMBRANE INCLUDING TRI. HYDROCARBYL THE DOW CHEMICAL COMPOSITE POLYAMIDE MEMBRANE INCLUDING TRI. HYDROCARBYL THE DOW CHEMICAL COMPOSITE POLYAMIDE MEMBRANE INCLUDING TRI. HYDROCARBYL THE DOW CHEMICAL COMPOSITE POLYAMIDE MEMBRANE MICLUDING TRI. HYDROCARBYL THE DOW CHEMICAL COMPOSITE POLYAMIDE MEMBRANE MADE VIA INTERFACIAL POLYMERIZATION USING A BLEND OF NON-POLAR THE DOW CHEMICAL COMPOSITE POLYAMIDE MEMBRANE MADE VIA INTERFACIAL POLYMERIZATION USING A BLEND OF NON-POLAR THE DOW CHEMICAL COMPOSITE POLYAMIDE MEMBRANE MADE VIA INTERFACIAL POLYMERIZATION USING A BLEND OF NON-POLAR THE DOW CHEMICAL COMPOSITE POLYAMIDE MEMBRANE MADE VIA INTERFACIAL POLYMERIZATION USING A BLEND OF NON-POLAR THE DOW CHEMICAL COMPOSITE POLYAMIDE MEMBRANE MADE VIA INTERFACIAL POLYMERIZATION USING A BLEND OF NON-POLAR THE DOW CHEMICAL COMPOSITE POLYAMIDE MEMBRANE MADE VIA INTERFACIAL POLYMERIZATION USING A BLEND OF NON-POLAR THE DOW CHEMICAL COMPOSITE POLYMERIZATION USING A BLEND OF NON-POLAR THE DOW CHEMICAL COMPOSITE POLYAMIDE MEMBRANE MADE VIA INTERFACIAL POLYMERIZATION USING A BLEND OF NON-POLAR THE DOW CHEMICAL THE						
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74154-US-NP America PHOSPHATE COMPANY 01/03/2014 14/146739 2014-0199483 COMPOSITE POLYAMIDE MEMBRANE MADE VIA INTERFACIAL POLYMERIZATION USING A BLEND OF NON-POLAR THE DOW CHEMICAL 74245-CN-PCT China SOLVENTS COMPANY 01/03/2014 201480004136.8 104918687 COMPOSITE POLYAMIDE MEMBRANE MADE VIA INTERFACIAL POLYAMIDE MEMBRANE MADE VIA INTERFACIAL POLYMERIZATION USING A BLEND OF	74154-IN-PCT India	MEMBRANE INCLUDING TRI- HYDROCARBYI THE DOX PHOSPHATE COMPAN COMPOSITE POLYAMIDE MEMBRANE INCLUDING TRI- HYDROCARBYL THE DOX PHOSPHATE COMPAN COMPOSITE POLYAMIDE MEMBRANE INCLUDING TRI- HYDROCARBYL THE DOX PHOSPHATE COMPAN COMPOSITE POLYAMIDE COMPOSITE POLYAMIDE PHOSPHATE COMPAN COMPOSITE POLYAMIDE MEMBRANE	V CHEMICAL V CHEMICAL V CHEMICAL	6601/DELNP/2015		01/12/2018 6272905
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		COMPOSITE POLYAMIDE MEMBRANE MADE VIA INTERFACIAL POLYMERIZATION USING A BLEND OF NON-POLAR THE DOX SOLVENTS COMPAR COMPOSITE POLYAMIDE MEMBRANE MADE VIA INTERFACIAL POLYMERIZATION USING A BLEND OF	V CHEMICAL IY 01/03/2014			
74245-IN-PCT India SOLVENTS COMPANY 01/03/2014 6602/DELNP/2015	74245-IN-PCT India	000000000000000000000000000000000000000		6602/DELNP/2015		

		COMPOSITE POLYAMIDE MEMBRANE MADE					
		VIA INTERFACIAL POLYMERIZATION USING A BLEND OF					
74245-US-PCT	United States Of America	NON-POLAR SOLVENTS	THE DOW CHEMICAL COMPANY	01/03/2014	14/650127	2015-0306548	
		SPLICED FIBER- REINFORCED OUTER SHELL FOR					
		CYLINDRICAL FILTRATION	THE DOW CHEMICAL				
74339-CN-PCT	China	SPLICED FIBER- REINFORCED OUTER	COMPANY	02/28/2014	201480011315.4	105188875	03/08/2017 201480011315.4
		SHELL FOR CYLINDRICAL					
74339-US-PCT	United States Of America	FILTRATION ELEMENT	THE DOW CHEMICAL COMPANY	02/28/2014	14/758370	2015-0367287	04/18/2017 9623379
74424 CN DCT	China	SWEPT MEMBRANE	THE DOW CHEMICAL	01/27/2014	201400000007.0	105346500	00/15/2017 201480008807.0
74421-CN-PCT	China	EMULSIFIER SWEPT MEMBRANE	COMPANY THE DOW CHEMICAL	01/2//2014	201480008897.0	105246580	09/15/2017 201480008897.0
74421-G8-EPT	United Kingdom	EMULSIFIER SWEPT MEMBRANE	COMPANY THE DOW CHEMICAL	01/27/2014	14705904.2	2938427	06/14/2017 2938427
74421-RO-EPT	Romania	EMULSIFIER	COMPANY	01/27/2014	14705904.2	2938427	06/14/2017 2938427
	United States Of	SWEPT MEMBRANE	THE DOW CHEMICAL	os los loca :	44/=0400=	****	A-14A-1AA-1-A-AAA
74421-US-PCT	America	EMULSIFIER COMPOSITE POLYAMIDE MEMBRANE	COMPANY	01/27/2014	14//6132/	2015-0352506	07/19/2016 9393532
		INCLUDING DISSOLVABLE	THE DOW CHEMICAL				
74509-CN-PCT	China	POLYMER COATING	COMPANY	02/28/2014	201480011335.1	105188891	11/24/2017 201480011335.1
		COMPOSITE POLYAMIDE MEMBRANE INCLUDING					
	United States Of	DISSOLVABLE	THE DOW CHEMICAL				
74509-US-PCT	America	POLYMER COATING	COMPANY	02/28/2014	14/758575	2015-0367288	01/03/2017 9533262
		COMPOSITE POLYAMIDE					
		MEMBRANE					
		DERIVED FROM AROMATIC					
		MONOMER					
		INCLUDING ANHYDRIDE AND					
		SULFONYL HALIDE					
74581-CN-NP	China	FUNCTIONAL GROUPS	THE DOW CHEMICAL COMPANY	03/25/2014	201410112607.9	104069748	01/11/2017 201410112607.9
, 1002 011111		COMPOSITE		00,20,202		20.0037.10	02, 12, 2017
		POLYAMIDE MEMBRANE					
		DERIVED FROM					
		AROMATIC MONOMER					
		INCLUDING					
		ANHYDRIDE AND SULFONYL HALIDE					
74504 115	United States Of	FUNCTIONAL	THE DOW CHEMICAL	03/05/2011	44/407000	2014 020-0	04/67/3045 00004-0
74581-US-NP	America	GROUPS WATER TREATMENT	COMPANY	03/05/2014	14\13\299	2014-0295078	04/07/2015 8999449
		ASSEMBLY					
		INCLUDING HYPERFILTRATION					
		MODULE AND					
74630-CN-PCT	China	PRESSURIZABLE RESERVOIR	THE DOW CHEMICAL COMPANY	04/16/2014	201480021584.9	105408007	08/18/2017 201480021584.9

74630-IN-PCT India	WATER TREATMENT ASSEMBLY INCLUDING HYPERFILTRATION MODULE AND PRESSURIZABLE RESERVOIR WATER TREATMENT ASSEMBLY	THE DOW CHEMICAL COMPANY	04/16/2014 10)211/DELNP/2015	10211/DELNP/2	015
United States Of 74630-US-PCT America	INCLUDING HYPERFILTRATION MODULE AND PRESSURIZABLE RESERVOIR	THE DOW CHEMICAL	04/16/2014 14	1/773808	2016-0031725	12/12/2017 9840426
74631-CN-PCT China	ASSEMBLY INCLUDING SERIALLY CONNECTED SPIRAL WOUND MODULES WITH PERMEATE FLOW CONTROLLER ASSEMBLY INCLUDING SERIALLY CONNECTED SPIRAL	THE DOW CHEMICAL COMPANY	04/15/2014 20	91480022831.7	105163835	
74631-DE-EPT Germany	WOUND MODULES WITH PERMEATE FLOW CONTROLLER	THE DOW CHEMICAL	04/15/2014 14	1724946.0	2958665	07/04/2018 2958665
European 74631-EP-EPT Procedure (Patent	ASSEMBLY INCLUDING SERIALLY CONNECTED SPIRAL WOUND MODULES WITH PERMEATE S) FLOW CONTROLLER ASSEMBLY INCLUDING SERIALLY CONNECTED SPIRAL WOUND MODULES WITH PERMEATE	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	04/15/2014 14		2958665	07/04/2018 2958665
74631-ES-EPT Spain 74631-FR-EPT France	ASSEMBLY INCLUDING SERIALLY CONNECTED SPIRAL WOUND MODULES WITH PERMEATE FLOW CONTROLLER ASSEMBLY INCLUDING SERIALLY CONNECTED SPIRAL WOUND MODULES WITH PERMEATE	THE DOW CHEMICAL COMPANY	04/15/2014 14 04/15/2014 14		2958665 2958665	07/04/2018 2958665 07/04/2018 2958665
74631-GB-EPT United Kingdom 74631-IL-PCT Israel	ASSEMBLY INCLUDING SERIALLY CONNECTED SPIRAL WOUND MODULES WITH PERMEATE FLOW CONTROLLER ASSEMBLY	COMPANY THE DOW CHEMICAL COMPANY	04/15/2014 14 04/15/2014 24		2958665	07/04/2018 2958665
74631-IN-PCT India	INCLUDING SERIALLY CONNECTED SPIRAL WOUND MODULES WITH PERMEATE FLOW CONTROLLER	THE DOW CHEMICAL COMPANY	04/15/2014 10	0166/DELNP/2015	10166/DELNP/2	015

74531-IT-EPT Italy	ASSEMBLY INCLUDING SERIALLY CONNECTED SPIRAL WOUND MODULES WITH PERMEATE FLOW CONTROLLER COMPOSITE POLYAMIDE MEMBRANE DERIVED FROM AN ALIPHATIC ACYCLIC TERTIARY AMINE	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	04/15/2014 14724	1946.0 295.	8665 07/0	1/2018 2958665
74710-CN-PCT China United States Of 74710-US-PCT America	COMPOUND COMPOSITE POLYAMIDE MEMBRANE DERIVED FROM AN ALIPHATIC ACYCLIC TERTIARY AMINE COMPOUND WASHING MACHINE	THE DOW CHEMICAL COMPANY	04/15/2014 20148 04/15/2014 14/77			2/2016 9387442
74768-CN-PCT China 74777-CN-NP China	INCLUDING INTEGRAL FILTER MODULE FILTER MODULE WITH END CAPS INCLUDING INTEGRAL VALVES FILTER MODULE WITH END CAPS INCLUDING	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	09/13/2013 20138 10/12/2013 2013		764400 226118	
74862-CN-PCT China	INTEGRAL VALVES CHROMATOGRAPHIC SEPARATION OF SUGARS USING BLEND OF CATION EXCHANGE RESINS CHROMATOGRAPHIC SEPARATION OF SUGARS USING	THE DOW CHEMICAL COMPANY	10/12/2013 2013. 08/15/2014 20148		07/09 452490	9/2014 201320643523.9
74862-DE-EPT Germany European 74862-EP-EPT Procedure (Patents)	CHROMATOGRAPHIC SEPARATION OF	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	08/15/2014 14758 08/15/2014 14758			7/2017 602014015134.5 7/2017 3041961
74862-FR-EPT France United States Of 74862-US-PCT America	SUGARS USING BLEND OF CATION EXCHANGE RESINS CHROMATOGRAPHIC SEPARATION OF SUGARS USING BLEND OF CATION EXCHANGE RESINS METHOD FOR MAKING ANION	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	08/15/2014 14758 08/15/2014 14/90		1961 09/2 6-0194727 09/1	7/2017 3041961 8/2016 9441280
74875-CN-PCT China	EXCHANGE AND CHELANT RESINS INCLUDING ALIPHATIC AMINO FUNCTIONAL GROUPS METHOD FOR MAKING ANION EXCHANGE AND CHELANT RESINS INCLUDING ALIPHATIC AMINO FUNCTIONAL GROUPS	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	06/09/2014 20148 06/09/2014 1473			7/2018 2014800322747 2/2017 602014006957.6

METHOD FOR MAKING ANION EXCHANGE AND	
CHELANT RESINS INCLUDING	
ALIPHATIC AMINO FUNCTIONAL THE DOW CHEMICAL	
74875-GB-EPT United Kingdom GROUPS COMPANY 06/09/2014 14735061.5 2986651 02/22/2017 2986651 METHOD FOR	9995 8880
MAKING ANION EXCHANGE AND	
CHELANT RESINS INCLUDING	
ALIPHATIC AMINO FUNCTIONAL THE DOW CHEMICAL	
74875-IN-PCT India GROUPS COMPANY 05/05/2014 11844/DELNP/2015 METHOD FOR	
MAKING ANION	
EXCHANGE AND CHELANT RESINS	
INCLUDING ALIPHATIC AMINO	
FUNCTIONAL THE DOW CHEMICAL 74875-JP-PCT Japan GROUPS COMPANY 06/09/2014 2016-519567 2016-521800 08/04/2017 6185663	
METHOD FOR MAKING ANION	
EXCHANGE AND CHELANT RESINS	
INCLUDING ALIPHATIC AMINO	
FUNCTIONAL THE DOW CHEMICAL 74875-KR-PCT SOUTH KOREA GROUPS COMPANY 06/09/2014 10-2016-7000629 10-2016-0037881	
METHOD FOR MAKING ANION	
EXCHANGE AND CHELANT RESINS	
INCLUDING ALIPHATIC AMINO	
FUNCTIONAL THE DOW CHEMICAL 74875-RO-EPT Romania GROUPS COMPANY 06/09/2014 14735061.5 2986651 02/22/2017 2986651	
METHOD FOR MAKING ANION	
EXCHANGE AND CHELANT RESINS	
INCLUDING ALIPHATIC AMINO	
FUNCTIONAL THE DOW CHEMICAL	
METHOD FOR	3666
MAKING ANION EXCHANGE AND	
CHELANT RESINS INCLUDING	
ALIPHATIC AMINO United States Of FUNCTIONAL THE DOW CHEMICAL	
74875-US-PCT America GROUPS COMPANY 06/09/2014 14/384101 2016-0236187 11/08/2016 9486798 METHOD TO	
PROVIDE PIPELINE QUALITY NATURAL THE DOW CHEMICAL	
75088-CA-PCT Canada GAS COMPANY 08/05/2014 2936922 METHOD TO	
PROVIDE PIPELINE QUALITY NATURAL THE DOW CHEMICAL	
75088-CA-PCT Canada GAS COMPANY 08/05/2014 2936922 METHOD TO	
PROVIDE PIPELINE European QUALITY NATURAL THE DOW CHEMICAL	
75088-EP-EPT Procedure (Patents) GAS COMPANY 08/05/2014 14752534.9 3096871 METHOD TO	2000 2000 2000
PROVIDE PIPELINE European QUALITY NATURAL THE DOW CHEMICAL	
75088-EP-EPT Procedure (Patents) GAS COMPANY 08/05/2014 14752534.9 3096871	

METHOD TO PROVIDE PIPELINE United States Of QUALITY NATURAL 75088-US-PCT America GAS	THE DOW CHEMICAL COMPANY 08/05/2014 15/107636 2016-0333275 09/26/2017 9771522
METHOD TO PROVIDE PIPELINE	0,0,0,2,1-1,0,000
United States Of QUALITY NATURAL	THE DOW CHEMICAL
75088-US-PCT America GAS	COMPANY: 08/05/2014 15/107636 2016-0333275 09/26/2017 9771522
PROCESS FOR RECOVERING	
NATURAL GAS LIQUIDS FROM	
NATURAL GAS	THE DOW CHEMICAL
European PRODUCED IN 75090-EP-EPT Procedure (Patents) REMOTE LOCATIONS	
PROCESS FOR	
RECOVERING NATURAL GAS	
LIQUIDS FROM NATURAL GAS	
European PRODUCED IN	THE DOW CHEMICAL
75090-EP-EPT Procedure (Patents) REMOTE LOCATIONS	COMPANY: 08/05/2014 14752535.6 3096864
PROCESS FOR RECOVERING	
NATURAL GAS LIQUIDS FROM	
NATURAL GAS PRODUCED IN	THE DOW CHEMICAL
75090-NG-PCT Nigeria REMOTE LOCATIONS	
PROCESS FOR	
RECOVERING NATURAL GAS	
LIQUIDS FROM NATURAL GAS	
PRODUCED IN 75090-NG-PCT Nigeria REMOTE LOCATIONS	THE DOW CHEMICAL COMPANY 08/05/2014 F/P/2016/198 10/17/2017 F/P/2016/198
_	CONTINUE 08/03/2014 F/F/2010/198
PROCESS FOR RECOVERING	
NATURAL GAS LIQUIDS FROM	
NATURAL GAS United States Of PRODUCED IN	THE DOW CHEMICAL
75090-US-PCT America REMOTE LOCATIONS	
PROCESS FOR	
RECOVERING NATURAL GAS	
LIQUIDS FROM NATURAL GAS	
United States Of PRODUCED IN 75090-US-PCT America REMOTE LOCATIONS	THE DOW CHEMICAL COMPANY 08/05/2014 15/107327 2016-0340595
METHANE-RICH	60)60;224 13)16/32, 2016 63-6333
NATURAL GAS SUPPLY FOR	
STATIONARY COMBUSTION	THE DOW CHEMICAL
75092-CA-PCT Canada SYSTEMS METHANE-RICH	COMPANY 08/05/2014 2936353
NATURAL GAS SUPPLY FOR	
STATIONARY COMBUSTION	THE DOW CHEMICAL
75092-CA-PCT Canada SYSTEMS	COMPANY 08/05/2014 2936353
METHANE-RICH NATURAL GAS	
SUPPLY FOR STATIONARY	
European COMBUSTION 75092-EP-EPT Procedure (Patents) SYSTEMS	THE DOW CHEMICAL COMPANY 08/05/2014 14755486.9 3094397
	77777

		METHANE-RICH NATURAL GAS					
		SUPPLY FOR					
	F	STATIONARY	THE DOLL CHELVICAL				
75092-EP-EPT	European Procedure (Patents)	COMBUSTION SYSTEMS	THE DOW CHEMICAL COMPANY	08/05/2014	14755486 9	3094397	
75052-21-21		METHANE-RICH NATURAL GAS SUPPLY FOR STATIONARY		88,83,2614	14/33-00/3	3034337	
75092-US-PCT	United States Of America	COMBUSTION SYSTEMS METHANE-RICH NATURAL GAS SUPPLY FOR STATIONARY	THE DOW CHEMICAL COMPANY	08/05/2014	15/104435	2016-0319210	07/03/2018 10011797
	United States Of	COMBUSTION	THE DOW CHEMICAL				
75092-US-PCT	America	A PROCESS FOR MERCURY RECOVERY FROM WASTE ACID AND WASTE WATER	COMPANY THE DOW CHEMICAL	08/05/2014	15/104435	2016-0319210	07/03/2018 10011797
75183-CN-NP	China	OF PVC INDUSTRY PROCESS OF USE OF	COMPANY THE DOW CHEMICAL	12/10/2014	201410756550.6	105731593	
75209-CN-PCT	China European	PARTICLES PROCESS OF USE OF ADSORBENT RESIN	COMPANY THE DOW CHEMICAL	05/08/2015	201580079582.X	107531514	
75209-EP-EPT	Procedure (Patents)	PARTICLES PROCESS OF USE OF	COMPANY	05/08/2015	15891446.5	3294676	
75209-US-PCT	United States Of America	ADSORBENT RESIN PARTICLES PROCESS OF USE OF	THE DOW CHEMICAL COMPANY	05/08/2015	15/568615	2018-0148348	
75209-WO-PCT	International Procedure	ADSORBENT RESIN PARTICLES HYPERFILTRATION SYSTEM SUITABLE FOR HOUSEHOLD	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	05/08/2015	PCT/CN15/078522	WO/2016/17973	9
75379-CN-PCT	China	USE	COMPANY	09/02/2014	201480049868.9	105579117	05/11/2018 201480049868.9
75379-US-PCT	United States Of America	HYPERFILTRATION SYSTEM SUITABLE FOR HOUSEHOLD USE HYPERFILTRATION SYSTEM SUITABLE	THE DOW CHEMICAL COMPANY	09/02/2014	14/912715	2016-0200597	10/24/2017 9795922
	International	FOR HOUSEHOLD	THE DOW CHEMICAL				
75379-WO-PCT	Procedure	USE COMPOSITE POLYAMIDE MEMBRANE TREATED WITH DIHYROXYARYL COMPOUNDS AND	COMPANY THE DOW CHEMICAL	09/02/2014	PCT/US14/053643	WO/2015/04766	77
75464-CN-PCT	China	NITROUS ACID COMPOSITE POLYAMIDE MEMBRANE TREATED WITH DIHYROXYARYL COMPOUNDS AND	COMPANY THE DOW CHEMICAL	10/29/2014	201480063210.3	103170333	
75464-DE-EPT	Germany European	NITROUS ACID COMPOSITE POLYAMIDE MEMBRANE TREATED WITH DIHYROXYARYL COMPOUNDS AND	THE DOW CHEMICAL	10/29/2014	14799276.2	3077089	02/28/2018 3077089
75464-EP-EPT	Procedure (Patents)	NITROUS ACID	COMPANY	10/29/2014	14799276.2	3077089	02/28/2018 3077089

	COMPOSITE				
	POLYAMIDE MEMBRANE				
	TREATED WITH				
	DIHYROXYARYL				
	COMPOUNDS AND	THE DOW CHEMICAL			
75464-IN-PCT India	NITROUS ACID	COMPANY	10/29/2014 201617021100		
	COMPOSITE				
	POLYAMIDE				
	MEMBRANE TREATED WITH				
	DIHYROXYARYL				
	COMPOUNDS AND	THE DOW CHEMICAL			
75464-NL-EPT Netherlands	NITROUS ACID	COMPANY	10/29/2014 14799276.2	3077089	02/28/2018 3077089
	COMPOSITE				
	POLYAMIDE				
	MEMBRANE TREATED WITH				
	DIHYROXYARYL				
United States Of	COMPOUNDS AND	THE DOW CHEMICAL			
75464-US-PCT America	NITROUS ACID	COMPANY	10/29/2014 15/030506	2016-0271569	09/27/2016 9452391
	EXTRACTION OF				
	VALUABLE COMPONENTS EDOM	I THE DOW CHEMICAL			
75575-BR-PCT Brazil	CANE VINASSE	COMPANY	12/09/2014 112016013647-0		
	EXTRACTION OF				
	POLYCOSANOL	THE DOW CHEMICAL			
75576-BR-PCT Brazil	FROM CANE VINASSE	COMPANY	12/09/2014 112016012763-3	000000000000000000000000000000000000000	000000000000000000000000000000000000000
	COMPOSITE POLYAMIDE				
	MEMBRANE POST				
	TREATED WITH	THE DOW CHEMICAL			
75599-CN-PCT China	NITRIOUS ACID	COMPANY	10/29/2014 201480062096.2	105873665	
	COMPOSITE				
	POLYAMIDE				
	MEMBRANE POST	THE DOM/ CHEMICAL			
75599-DE-EPT Germany	TREATED WITH NITRIOUS ACID	THE DOW CHEMICAL COMPANY	10/29/2014 14799275.4	3077088	12/27/2017 602014019200.9
75555 BE ELLY Germany	COMPOSITE		10/25/2014 14/552/5/4	3077000	12,27,2017 002014013200.5
	POLYAMIDE				
	MEMBRANE POST				
European	TREATED WITH	THE DOW CHEMICAL	40 (20 (204) 4 4 200) 25 4	2022000	12/22/2012 202208
75599-EP-EPT Procedure (Patents	COMPOSITE	COMPANY	10/29/2014 14799275.4	3077088	12/27/2017 3077088
	POLYAMIDE				
	MEMBRANE POST				
	TREATED WITH	THE DOW CHEMICAL			
75599-ES-EPT Spain	NITRIOUS ACID	COMPANY	10/29/2014 14799275.4	3077088	12/27/2017 3077088
	COMPOSITE				
	POLYAMIDE MEMBRANE POST				
	TREATED WITH	THE DOW CHEMICAL			
75599-IN-PCT India	NITRIOUS ACID	COMPANY	10/29/2014 201617021101		
	COMPOSITE				
	POLYAMIDE				
	MEMBRANE POST TREATED WITH	THE DOW CHEMICAL			
75599-JP-PCT Japan	NITRIOUS ACID	COMPANY	10/29/2014 2016-533194	2016-539787	
	COMPOSITE	1000.1.0001	, 25, 202 : 2010 000107		
	POLYAMIDE				
	MEMBRANE POST				
70000 NI FOT N. 44 - J J-	TREATED WITH	THE DOW CHEMICAL	10/20/2014 14770075 4	3677055	13/37/3017 3677088
75599-NL-EPT Netherlands	NITRIOUS ACID COMPOSITE	COMPANY	10/29/2014 14799275.4	3077088	12/27/2017 3077088
	POLYAMIDE				
	MEMBRANE POST				
United States Of	TREATED WITH	THE DOW CHEMICAL			
75599-US-PCT America	NITRIOUS ACID	COMPANY	10/29/2014 15/030919	2016-0271567	11/07/2017 9808769

SEPARATION OF HYDROCARBONS FROM AQUEOUS MIXTURE USING FOULING RESISTANT REVERSE OSMOSIS 75644-CA-PCT Canada MEMBRANE SEPARATION OF HYDROCARBONS FROM AQUEOUS MIXTURE USING FOULING RESISTANT REVERSE OSMOSIS	THE DOW CHEMICAL COMPANY 12/15/2014 2935697
75644-CN-PCT China MEMBRANE DESALINATION OF AQUEOUS MIXTURE CONTAINING NANO- SIZED PARTICLES USING FOULING RESISTANT REVERSE OSMOSIS 75739-CA-PCT Canada MEMBRANE DESALINATION OF AQUEOUS MIXTURE CONTAINING NANO- SIZED PARTICLES USING FOULING	THE DOW CHEMICAL COMPANY 12/15/2014 201480070703.X 105848758 THE DOW CHEMICAL COMPANY 12/15/2014 2935685
RESISTANT REVERSE OSMOSIS 75739-CN-PCT China MEMBRANE DESALINATION OF AQUEOUS MIXTURE CONTAINING NANO- SIZED PARTICLES USING FOULING RESISTANT REVERSE European OSMOSIS 75739-EP-EPT Procedure (Patents) MEMBRANE DESALINATION OF AQUEOUS MIXTURE	THE DOW CHEMICAL COMPANY 12/15/2014 201480070908.8 105848759 THE DOW CHEMICAL COMPANY 12/15/2014 14825017.8 3092056 08/01/2018 3092056
CONTAINING NANO- SIZED PARTICLES USING FOULING RESISTANT REVERSE OSMOSIS 75739-GB-EPT United Kingdom MEMBRANE DESALINATION OF AQUEOUS MIXTURE CONTAINING NANO- SIZED PARTICLES USING FOULING RESISTANT REVERSE OSMOSIS 75739-IN-PCT India MEMBRANE	THE DOW CHEMICAL COMPANY 12/15/2014 14825017.8 3092056 08/01/2018 3092056 THE DOW CHEMICAL COMPANY 12/15/2014 201617024351
TREATMENT OF AQUEOUS MIXTURES CONTAINING ANIONIC SURFACTANTS USING FOULING RESISTANT REVERSE OSMOSIS MEMBRANE TREATMENT OF AQUEOUS MIXTURES CONTAINING ANIONIC SURFACTANTS USING FOULING RESISTANT REVERSE OSMOSIS MEMBRANE	THE DOW CHEMICAL COMPANY 12/15/2014 2935680

European 75809-EP-EPT Procedure (Patents) 75845-AU-PCT Australia	TREATMENT OF AQUEOUS MIXTURES CONTAINING ANIONIC SURFACTANTS USING FOULING RESISTANT REVERSE OSMOSIS MEMBRANE COMPOSITE POLYAMIDE MEMBRANE HAVING PREFERRED AZO CONTENT COMPOSITE POLYAMIDE MEMBRANE HAVING PREMBRANE HAVING PREFERRED AZO CONTENT COMPOSITE POLYAMIDE MEMBRANE HAVING PREFERRED AZO PREMBRANE HAVING PREFERRED AZO	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	12/15/2014		3092057	09/19/2018 3092057
75845-CN-PCT China 75845-DE-EPT Germany	CONTENT COMPOSITE POLYAMIDE MEMBRANE HAVING PREFERRED AZO CONTENT COMPOSITE POLYAMIDE	COMPANY THE DOW CHEMICAL COMPANY	12/15/2014	201480071026.3 14821449.7	105848765 3092062	05/30/2018 3092062
European 75845-EP-EPT Procedure (Patents)	MEMBRANE HAVING PREFERRED AZO	THE DOW CHEMICAL COMPANY	12/15/2014	14821449.7	3092062	05/30/2018 3092062
75845-ES-EPT Spain	POLYAMIDE MEMBRANE HAVING PREFERRED AZO CONTENT COMPOSITE POLYAMIDE MEMBRANE HAVING	THE DOW CHEMICAL COMPANY	12/15/2014	14821449.7	3092062	05/30/2018 3092062
75845-FR-EPT France 75845-IL-PCT Israel	PREFERRED AZO CONTENT COMPOSITE POLYAMIDE MEMBRANE HAVING PREFERRED AZO CONTENT	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	12/15/2014		3092062	05/30/2018 3092062
75845-IN-PCT India	COMPOSITE POLYAMIDE MEMBRANE HAVING PREFERRED AZO CONTENT	THE DOW CHEMICAL	12/15/2014	201617024352		
75845-IT-EPT Italy	COMPOSITE POLYAMIDE MEMBRANE HAVING PREFERRED AZO CONTENT COMPOSITE POLYAMIDE		12/15/2014		3092062	05/30/2018 50201800002559
75845-JP-PCT Japan	MEMBRANE HAVING PREFERRED AZO CONTENT COMPOSITE POLYAMIDE MEMBRANE HAVING	THE DOW CHEMICAL COMPANY	12/15/2014	2016-542762	2017-503645	
75845-NL-EPT Netherlands United States Of America	PREFERRED AZO CONTENT COMPOSITE POLYAMIDE MEMBRANE HAVING PREFERRED AZO CONTENT	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	12/15/2014		3092062 2016-0303520	05/30/2018 3092062 01/31/2017 9555378

75846-CN-PCT	China	COMPOSITE POLYAMIDE MEMBRANE HAVING HIGH ACID CONTENT AND LOW AZO CONTENT COMPOSITE POLYAMIDE MEMBRANE HAVING HIGH ACID CONTENT	THE DOW CHEMICAL COMPANY	12/15/2014	201480071410.3	105873666	
	European	AND LOW AZO	THE DOW CHEMICAL				
75846-EP-EPT	Procedure (Patents	COMPOSITE	COMPANY	12/15/2014	14821448.9	3092061	
75846-IN-PCT	India	POLYAMIDE MEMBRANE HAVING HIGH ACID CONTENT AND LOW AZO CONTENT COMPOSITE		12/15/2014	201617024870		
		POLYAMIDE					
		MEMBRANE HAVING					
		HIGH ACID CONTENT					
75846-JP-PCT	Japan	AND LOW AZO CONTENT	THE DOW CHEMICAL COMPANY	12/15/2014	2016-542894	2017-503646	
7504031 1 61	sapan	COMPOSITE		12,13,2014	2010 342054	2017 303040	
		POLYAMIDE					
		MEMBRANE HAVING					
		HIGH ACID CONTENT AND LOW AZO	THE DOW CHEMICAL				
75846-KR-PCT	SOUTH KOREA	CONTENT	COMPANY	12/15/2014	10-2016-7019993		
		COMPOSITE					
		POLYAMIDE					
		MEMBRANE HAVING HIGH ACID CONTENT					
	United States Of	AND LOW AZO	THE DOW CHEMICAL				
75846-US-PCT	America	CONTENT	COMPANY	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	THE DOW CHEMICAL	12/15/2014	2935699		
		COMPOSITE					
		POLYAMIDE					
		MEMBRANE HAVING					
75848-CN-PCT	China	AZO CONTENT AND HIGH ACID CONTENT	THE DOW CHEMICAL COMPANY	12/15/2014	201480071398.6	105899283	
75848-DE-EPT	Germany	COMPOSITE POLYAMIDE MEMBRANE HAVING AZO CONTENT AND HIGH ACID CONTENT	THE DOW CHEMICAL	12/15/2014	14821447.1	3092060	07/25/2018 3092060
		COMPOSITE					
		POLYAMIDE					
	European	MEMBRANE HAVING AZO CONTENT AND	THE DOW CHEMICAL				
75848-EP-EPT	· · · · · · · · · · · · · · · · · · ·	i) HIGH ACID CONTENT		12/15/2014	14821447.1	3092060	07/25/2018 3092060
75848-ES-EPT	Spain	COMPOSITE POLYAMIDE MEMBRANE HAVING AZO CONTENT AND HIGH ACID CONTENT COMPOSITE	THE DOW CHEMICAL	12/15/2014		3092060	07/25/2018 3092060
		POLYAMIDE					
		MEMBRANE HAVING					
75848-FR-EPT	France	AZO CONTENT AND HIGH ACID CONTENT	THE DOW CHEMICAL COMPANY	12/15/2014	14821447.1	3092060	07/25/2018 3092060

	COMPOSITE	
	POLYAMIDE	
	MEMBRANE HAVING	
	AZO CONTENT AND	THE DOW CHEMICAL
75848-IN-PCT India	HIGH ACID CONTENT	COMPANY 12/15/2014 201617024542
	COMPOSITE	
	POLYAMIDE	
	MEMBRANE HAVING	
		THE DOW CHEMICAL
75848-IT-EPT Italy	HIGH ACID CONTENT	COMPANY 12/15/2014 14821447.1 3092060 07/25/2018 3092060
	COMPOSITE	
	POLYAMIDE	
	MEMBRANE HAVING	
	AZO CONTENT AND	THE DOW CHEMICAL
75848-JP-PCT Japan	HIGH ACID CONTENT	COMPANY 12/15/2014 2016-542974 2017-503648
	COMPOSITE	
	POLYAMIDE	
	MEMBRANE HAVING	
		THE DOW CHEMICAL
75848-KR-PCT SOUTH KOREA	HIGH ACID CONTENT	COMPANY 12/15/2014 10-2016-7020100
	COMPOSITE	
	POLYAMIDE	
	MEMBRANE HAVING	
	AZO CONTENT AND	THE DOW CHEMICAL
75848-NL-EPT Netherlands	HIGH ACID CONTENT	
	COMPOSITE	
	POLYAMIDE	
	MEMBRANE HAVING	
United States Of		THE DOW CHEMICAL
	HIGH ACID CONTENT	
75848-US-PCT America		COMPANY 12/15/2014 15/102882 2016-0310909 05/29/2018 9981227
	COMPOSITE	
	POLYAMIDE	
	MEMBRANE	
	INCLUDING	
	CELLULOSE-BASED	
	QUATERNARY	
	AMMONIUM	THE DOW CHEMICAL
75864-CN-PCT China	COATING	COMPANY 01/26/2015 201580004554.1 105916573
	COMPOSITE	
	POLYAMIDE	
	MEMBRANE	
	INCLUDING	
	CELLULOSE-BASED	
	QUATERNARY	
	AMMONIUM	THE DOW CHEMICAL
75864-IN-PCT India	COATING	COMPANY 01/26/2015 201617026366
75804-IIV-I C1 IIIGIA	COATING	01/20/2013 20101/020300
	CROSS-FLOW FILTER	
	ASSEMBLY WITH	
	IMPROVED	THE DOW CHEMICAL
75905-CA-PCT Canada	CLEANING ASSEMBLY	COMPANY 12/03/2014 2942341
	CROSS-FLOW FILTER	
	ASSEMBLY WITH	
	IMPROVED	THE DOW CHEMICAL
75905-CN-PCT China	CLEANING ASSEMBLY	COMPANY 12/03/2014 201480076769.X 106132498
	CROSS-FLOW FILTER	
	ASSEMBLY WITH	
United States Of	IMPROVED	THE DOW CHEMICAL
75905-US-PCT America	CLEANING ASSEMBLY	
	HYDROCLONE WITH	
		THE DOW CHEMICAL
75917-CA-PCT Canada	IMPROVED	THE DOW CHEMICAL (COMPANY 12/03/2014 2938030
75917-CA-PCT Canada		

75917-CN-PCT China	HYDROCLONE WITH IMPROVED CLEANING ASSEMBLY	THE DOW CHEMICAL Y COMPANY 12/03/2014 201480074658.9 105960286
	HYDROCLONE WITH	
United States Of	IMPROVED	THE DOW CHEMICAL
75917-US-PCT America	CLEANING ASSEMBLY	COMPANY 12/03/2014 14/428056 2015-0263589 12/27/2016 9527091
	2010 AT (410) (410	
	SPIRAL WOUND	
	MEMBRANE MODULE ADAPTED	THE DOW CHEMICAL
76056-CN-PCT China	FOR HIGH RECOVERY	
, caso cit i ci	. Ott in Givine Govern	
	SPIRAL WOUND	
	MEMBRANE	
	MODULE ADAPTED	THE DOW CHEMICAL
76056-IN-PCT India	FOR HIGH RECOVERY	COMPANY 03/18/2015 201617035945
	SPIRAL WOUND	
United States Of	MEMBRANE MODULE ADAPTED	THE DOW CHEMICAL
	FOR HIGH RECOVERY	
76056-US-PCT America	COMPOSITE	COMPANY 03/18/2015 15/120271 2017-0056832
	POLYAMIDE	
	MEMBRANE POST-	
	TREATED WITH	THE DOW CHEMICAL
76212-CN-PCT China	NITROUS ACID	COMPANY 04/07/2015 201580020519.9 106257977
	COMPOSITE	
	POLYAMIDE	
	MEMBRANE POST-	
	TREATED WITH	THE DOW CHEMICAL
76212-JP-PCT Japan	NITROUS ACID	COMPANY 04/07/2015 2016-563180 2017-513703
	COMPOSITE	
	POLYAMIDE MEMBRANE POST-	
	TREATED WITH	THE DOW CHEMICAL
76212-KR-PCT SOUTH KOREA	NITROUS ACID	COMPANY 04/07/2015 10-2016-7031698 10-2016-0149219
	COMPOSITE	
	POLYAMIDE	
	MEMBRANE POST-	
United States Of	TREATED WITH	THE DOW CHEMICAL
76212-US-PCT America	NITROUS ACID	COMPANY 04/07/2015 15/300468 2017-0182467 10/03/2017 9776141
	COMPOSITE	
	POLYAMIDE MEMBRANE POST-	
	TREATED WITH	THE DOW CHEMICAL
76213-CN-PCT China	NITROUS ACID	COMPANY 05/05/2015 201580022591.5 106232216
	COMPOSITE	
	POLYAMIDE	
	MEMBRANE POST-	
76313 ip.prv - laan-	TREATED WITH	THE DOW CHEMICAL COMPANY 05/05/2015 2016-565406 2017-518174
76213-JP-PCT Japan	NITROUS ACID COMPOSITE	COMPANY 05/05/2015 2016-565406 2017-518174
	POLYAMIDE	
	MEMBRANE POST-	
	TREATED WITH	THE DOW CHEMICAL
76213-KR-PCT SOUTH KOREA	NITROUS ACID	COMPANY 05/05/2015 10-2016-7033369 10-2017-0009883
	COMPOSITE	
	POLYAMIDE	
United States Of	MEMBRANE POST- TREATED WITH	THE DOW CHEMICAL
76213-US-PCT America	NITROUS ACID	COMPANY 05/05/2015 15/301981 2017-0203259 04/17/2018 9943810
	SPIRAL WOUND	
	MODULE WITH	
	INTEGRATED	
	PERMEATE FLOW	THE DOW CHEMICAL
76246-CN-PCT China	CONTROLLER	COMPANY 05/05/2015 201580026890.6 106413863
	SPIRAL WOUND	
	MODULE WITH INTEGRATED	
	PERMEATE FLOW	THE DOW CHEMICAL
76246-DE-EPT Germany	CONTROLLER	COMPANY

	SPIRAL WOUND		
	MODULE WITH		
European	INTEGRATED PERMEATE FLOW	THE DOW CHEMICAL	
76246-EP-EPT Procedure (Patent		COMPANY	05/05/2015 15721998.1 3142776
,	SPIRAL WOUND		
	MODULE WITH		
	INTEGRATED	THE DOWN CHERRICAL	
76246-GB-EPT United Kingdom	PERMEATE FLOW CONTROLLER	THE DOW CHEMICAL COMPANY	
	SPIRAL WOUND	CONTRACT	
	MODULE WITH		
	INTEGRATED		
76246-IN-PCT India	PERMEATE FLOW CONTROLLER	THE DOW CHEMICAL COMPANY	05/05/2015 201617041608
76246-IN-PC1 IIIula	SPIRAL WOUND	COMPANI	03/03/2013 201017041008
	MODULE WITH		
	INTEGRATED		
	PERMEATE FLOW	THE DOW CHEMICAL	
76246-JP-PCT Japan	CONTROLLER SPIRAL WOUND	COMPANY	05/05/2015 2016-566952 2017-515670
	MODULE WITH		
	INTEGRATED		
	PERMEATE FLOW	THE DOW CHEMICAL	
76246-KR-PCT SOUTH KOREA	CONTROLLER SPIRAL WOUND	COMPANY	05/05/2015 10-2016-7033539 10-2017-0005037
	MODULE WITH		
	INTEGRATED		
	PERMEATE FLOW	THE DOW CHEMICAL	
76246-MX-PCT Mexico	CONTROLLER	COMPANY	05/05/2015 MX/a/2016/014544
	COMPOSITE POLYAMIDE		
	MEMBRANE POST		
	TREATED WITH	THE DOW CHEMICAL	
76313-AU-PCT Australia	NITRIOUS ACID	COMPANY	05/05/2015 2015259613
	COMPOSITE POLYAMIDE		
	MEMBRANE POST		
	TREATED WITH	THE DOW CHEMICAL	
76313-CN-PCT China	NITRIOUS ACID	COMPANY	05/05/2015 201580021647.5 106232214
	COMPOSITE POLYAMIDE		
	MEMBRANE POST		
	TREATED WITH	THE DOW CHEMICAL	
76313-DE-EPT Germany	NITRIOUS ACID	COMPANY	
	COMPOSITE POLYAMIDE		
	MEMBRANE POST		
European	TREATED WITH	THE DOW CHEMICAL	
76313-EP-EPT Procedure (Patent		COMPANY	05/05/2015 15723615.7 3142777
	COMPOSITE POLYAMIDE		
	MEMBRANE POST		
	TREATED WITH	THE DOW CHEMICAL	
76313-ES-EPT Spain	NITRIOUS ACID	COMPANY	
	COMPOSITE POLYAMIDE		
	MEMBRANE POST		
	TREATED WITH	THE DOW CHEMICAL	
76313-IL-PCT Israel	NITRIOUS ACID	COMPANY	05/05/2015 248693
	COMPOSITE POLYAMIDE		
	MEMBRANE POST		
	TREATED WITH	THE DOW CHEMICAL	
76313-IN-PCT India	NITRIOUS ACID	COMPANY	05/05/2015 201617041609
	COMPOSITE POLYAMIDE		
	MEMBRANE POST		
	TREATED WITH	THE DOW CHEMICAL	
76313-JP-PCT Japan	NITRIOUS ACID	COMPANY	05/05/2015 2016-566746 2017-515667

		COMPOSITE POLYAMIDE					
		MEMBRANE POST					
		TREATED WITH	THE DOW CHEMICAL	0=10=1001=			
76313-KR-PCT	SOUTH KOREA	NITRIOUS ACID COMPOSITE	COMPANY	05/05/2015	10-2016-7033195	10-2017-000776	1
		POLYAMIDE					
		MEMBRANE POST					
76343 AU EDT	Nathaalaada	TREATED WITH	THE DOW CHEMICAL COMPANY				
76313-NL-EPT	Netherlands	NITRIOUS ACID COMPOSITE	COMPANT				
		POLYAMIDE					
		MEMBRANE POST					
76313-WO-PCT	International Procedure	TREATED WITH NITRIOUS ACID	THE DOW CHEMICAL COMPANY	05/05/2015	PCT/US15/029137	WO/2015/17525	56
76513-WO-FC1	riocedure	COMPOSITE	COMPANT	03/03/2013 1	FC1703137029137	VVO/2013/1/323	, o
		POLYAMIDE					
		MEMBRANE POST-	THE BOW SHEARS				
76323-CN-PCT	China	TREATED WITH NITRIOUS ACID	THE DOW CHEMICAL COMPANY	05/05/2015	201580026896.3	106457160	
		COMPOSITE					
		POLYAMIDE					
		MEMBRANE POST- TREATED WITH	THE DOW CHEMICAL				
76323-JP-PCT	Japan	NITRIOUS ACID	COMPANY	05/05/2015	2016-566274	2017-515666	
		COMPOSITE					
		POLYAMIDE					
		MEMBRANE POST- TREATED WITH	THE DOW CHEMICAL				
76323-KR-PCT	SOUTH KOREA	NITRIOUS ACID	COMPANY	05/05/2015	10-2016-7033203	10-2017-000248	9
		FILTRATION					
		ASSEMBLY INCLUDING					
		FILTRATION MODULE					
		SECURED BY					
70000 011 707	China	ROTATABLE	THE DOW CHEMICAL	40/00/0044	204400000555	100001105	
76689-CN-PCT	China	RETAINING RING TREATMENT OF FLUE	COMPANY	10/22/2014 .	201480082565.7	106804105	
		GAS					
	2.1	DESULFURIZATION	THE DOW CHEMICAL				
76696-CN-PCT	China	WASTEWATER SPIRAL WOUND	COMPANY	11/13/2014	201480082801,5	107073394	
		FILTRATION					
		ASSEMBLY					
		INCLUDING INTEGRAL	THE DOW CHEMICAL				
76950-CA-PCT	Canada	BIOREACTOR	COMPANY	09/22/2015	2962598		
		SPIRAL WOUND					
		FILTRATION					
		ASSEMBLY INCLUDING					
		INTEGRAL	THE DOW CHEMICAL				
76950-CN-PCT	China	BIOREACTOR	COMPANY	09/22/2015	201580049499.8	106714941	
		SPIRAL WOUND FILTRATION					
		ASSEMBLY					
		INCLUDING					
76050 FD FDT	European	INTEGRAL	THE DOW CHEMICAL COMPANY	00/22/2015	15777700	2407500	00/45/2040 2407500
76950-EP-EPT	Procedure (Patents)	SPIRAL WOUND	COMPANY	09/22/2015	15////8.0	3197590	08/15/2018 3197590
		FILTRATION					
		ASSEMBLY					
		INCLUDING INTEGRAL	THE DOW CHEMICAL				
76950-ES-EPT	Spain	BIOREACTOR	COMPANY	09/22/2015	15777778.0	3197590	08/15/2018 3197590
		SPIRAL WOUND					
		FILTRATION ASSEMBLY					
		INCLUDING					
		INTEGRAL	THE DOW CHEMICAL				
76950-GB-EPT	United Kingdom	BIOREACTOR	COMPANY	09/22/2015	15777778.0	3197590	08/15/2018 3197590

	SPIRAL WOUND	
	ASSEMBLY	
	INCLUDING INTEGRAL	THE DOW CHEMICAL
76950-JP-PCT Japan	BIOREACTOR	COMPANY 09/22/2015 2017-515944 2017-530001
	SPIRAL WOUND FILTRATION	
	ASSEMBLY	
United States Of	INCLUDING INTEGRAL	THE DOW CHEMICAL
76950-US-CNT America	BIOREACTOR	COMPANY 06/22/2017 15/630204 2017-0283290
	SPIRAL WOUND	
	FILTRATION ASSEMBLY	
	INCLUDING	
United States Of 76950-US-PCT America	INTEGRAL BIOREACTOR CLEANING	THE DOW CHEMICAL COMPANY 09/22/2015 15/501478 2017-0225987 08/08/2017 9725344
	FORMULATION FOR	
	IN-PLACE CLEANING OF MEMBRANE	
	FILTER MODULE	
	INCORPORATED WITHIN WASHING	THE DOW CHEMICAL
76954-CN-PCT China	MACHINE	COMPANY 10/08/2014 201480082235.8 106795457
	WATER TREATMENT ASSEMBLY	
	INCLUDING	
	HYPERFILTRATION	
	MODULE AND CATION EXCHANGE	THE DOW CHEMICAL
77117-CN-PCT China	RESIN	COMPANY 10/29/2014 201480082761.4 107074599
	WATER TREATMENT ASSEMBLY	
	INCLUDING	
	HYPERFILTRATION MODULE AND	
	CATION EXCHANGE	THE DOW CHEMICAL
77117-IN-PCT India	RESIN WATER TREATMENT	COMPANY 10/29/2014 201717015983 201717015983
	ASSEMBLY	
	INCLUDING HYPERFILTRATION	
	MODULE AND	
77117-KR-PCT SOUTH KOREA	CATION EXCHANGE RESIN	THE DOW CHEMICAL COMPANY 10/29/2014 10-2017-7012366 10-2017-0065651
	WATER TREATMENT	
	ASSEMBLY INCLUDING	
	HYPERFILTRATION	
United States Of	MODULE AND CATION EXCHANGE	THE DOW CHEMICAL
77117-US-PCT America	RESIN	COMPANY 10/29/2014 15/512421 2017-0247266 08/07/2018 10040704
	POLYMERS OF INTRINSIC	THE DOW CHEMICAL
77184-CN-PCT China	MICROPOROSITY	COMPANY 02/26/2016 201680014117.2 107406591
Furancan	POLYMERS OF	THE DOWN CHEMICAL
European 77184-EP-EPT Procedure (Patents)	INTRINSIC MICROPOROSITY	THE DOW CHEMICAL COMPANY 02/26/2016 16709638.7 3271414
	POLYMERS OF	THE SALL AND LINE
United States Of 77184-US-PCT America	INTRINSIC MICROPOROSITY	THE DOW CHEMICAL COMPANY 02/26/2016 15/543348 2017-0369652 03/20/2018 9920168
	POLYMERS OF	
International 77184-WO-PCT Procedure	INTRINSIC MICROPOROSITY	THE DOW CHEMICAL COMPANY 02/26/2016 PCT/US16/019723 WO/2016/148869
	CHROMATOGRAPHIC	
	SEPARATION OF SACCHARIDES USING	
	POLYMERIC	
	MACROPOROUS ALKYLENE-BRIDGED	THE DOW CHEMICAL
77334-CN-PCT China	RESIN	COMPANY 02/26/2016 201680014002.3 107427741

SEPAR	MATOGRAPHIC RATION OF		
POLYN			
European ALKYLI	OPOROUS ENE-BRIDGED THE DOW CHEMICAL	02/26/2016 16709577 0	2200404
	MATOGRAPHIC	02/26/2016 16708577.8	3268101
SACCH	AATION OF HARIDES USING		
	OPOROUS		
77334-US-PCT America RESIN		02/26/2016 15/542128	US-2018-0257003-A1
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77353-CA-PCT Canada MECH.	ONING THE DOW CHEMICAL ANISM COMPANY	11/24/2015 2971175	
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77353-CN-PCT China MECH	ONING THE DOW CHEMICAL ANISM COMPANY	11/24/2015 201580066489:5	106999814
SCREE	DRICAL FILTER		
77353-EP-EPT Procedure (Patents) MECH.		11/24/2015 15816935.9	3233236
SCREE	DRICAL FILTER IN WITH		
77353-US-PCT America MECH	ONING THE DOW CHEMICAL ANISM COMPANY	11/24/2015 15525535	2017-0368481
77354-CN-PCT China AQUE	INSIONS IN THE DOW CHEMICAL OUS MEDIA COMPANY	12/15/2015 201580066491.2	
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77366-RU-PCT	Russian Federation	AQUEOUS MEDIA	COMPANY 12/15/2015 2017123625
	United States Of	SUSPENSIONS IN	THE DOW CHEMICAL
77366-US-PCT	America	AQUEOUS MEDIA	COMPANY 12/15/2015 15/537441 2018-0002465 04/17/2018 9944737
	International	SUSPENSIONS IN	THE DOW CHEMICAL
77366-WO-PCT	Procedure	AQUEOUS MEDIA	COMPANY 12/15/2015 PCT/US15/065654 WO/2016/106006
		SEPARATION OF	
		NITROGEN FROM	
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		USING PYROLYZED	
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77402-CA-PCT	Canada	EXCHANGE RESIN	COMPANY 01/06/2016 2974946
77402-CA-PC1	Callaud	EXCHANGE RESIN	CONTENTS 01/00/2010 23/4340
		SEPARATION OF	
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77402-EA-EAT	Eurasian Procedure	EXCHANGE RESIN	COMPANY 01/06/2016 201791685
		SEPARATION OF	
		NITROGEN FROM	
		HYDROCARBON GAS USING PYROLYZED	
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77402-US-PCT	America	EXCHANGE RESIN	COMPANY 01/06/2016 15/535434 2017-0368493
		METHOD OF	THE DOW CHEMICAL
77510-CN-PCT	China	PURIFYING WATER	COMPANY 09/14/2016 201680050305.0

	European	METHOD OF	THE DOW CHEMICAL
77510-EP-EPT	Procedure (Patents)		COMPANY 09/14/2016 16770622.5 3350129
	India	METHOD OF	THE DOW CHEMICAL
77510-IN-PCT			
		PURIFYING WATER	COMPANY 09/14/2016 201817012497 THE DOWN CHEMICAL
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77510-JP-PCT	Japan		
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77510-JP-PCT	Japan Russian Federation	METHOD OF PURIFYING WATER METHOD OF PURIFYING WATER METHOD OF PURIFYING WATER	THE DOW CHEMICAL COMPANY 09/14/2016 2018-510046 THE DOW CHEMICAL COMPANY 09/14/2016 2018111434 THE DOW CHEMICAL COMPANY 09/14/2016 15/757052 US-2018-0244544-A1
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77510-JP-PCT 77510-RU-PCT 77510-US-PCT 77512-CN-PCT 77512-EP-EPT 77512-JP-PCT 77512-JP-PCT 77512-US-PCT 77513-CN-PCT 77513-EP-EPT 77513-IN-PCT	Japan Russian Federation United States Of America China European Procedure (Patents) India Japan Russian Federation United States Of America China European Procedure (Patents) India Japan Russian Federation United States Of America	METHOD OF PURIFYING WATER	THE DOW CHEMICAL COMPANY O9/14/2016 2018-510046 THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY O9/14/2016 15/757052 US-2018-0244544-A1 THE DOW CHEMICAL COMPANY O9/14/2016 201830050309.9 THE DOW CHEMICAL COMPANY O9/14/2016 16770178.8 3350127 THE DOW CHEMICAL COMPANY O9/14/2016 201817012692 THE DOW CHEMICAL COMPANY O9/14/2016 2018-510053 THE DOW CHEMICAL COMPANY O9/14/2016 2018111435 THE DOW CHEMICAL COMPANY O9/14/2016 2018111435 THE DOW CHEMICAL COMPANY O9/14/2016 15/757045 THE DOW CHEMICAL COMPANY O9/14/2016 201680050055.0 THE DOW CHEMICAL COMPANY O9/14/2016 16770179.6 3350128 THE DOW CHEMICAL COMPANY O9/14/2016 201817012690 THE DOW CHEMICAL COMPANY O9/14/2016 201817012690 THE DOW CHEMICAL COMPANY O9/14/2016 2018-513451
77510-JP-PCT 77510-RU-PCT 77510-RU-PCT 77512-CN-PCT 77512-EP-EPT 77512-IN-PCT 77512-RU-PCT 77512-RU-PCT 77513-CN-PCT 77513-IN-PCT 77513-JP-PCT 77513-RU-PCT	Japan Russian Federation United States Of America China European Procedure (Patents) India Japan Russian Federation United States Of America China European Procedure (Patents) India Japan Russian Federation United States Of	METHOD OF PURIFYING WATER METHOD OF	THE DOW CHEMICAL COMPANY O9/14/2016 2018-510046 THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY O9/14/2016 15/757052 US-2018-0244544-A1 THE DOW CHEMICAL COMPANY O9/14/2016 201680050309.9 THE DOW CHEMICAL COMPANY O9/14/2016 16770178.8 3350127 THE DOW CHEMICAL COMPANY O9/14/2016 201817012692 THE DOW CHEMICAL COMPANY O9/14/2016 2018-510053 THE DOW CHEMICAL COMPANY O9/14/2016 2018-111435 THE DOW CHEMICAL COMPANY O9/14/2016 2018111435 THE DOW CHEMICAL COMPANY O9/14/2016 201810050055.0 THE DOW CHEMICAL COMPANY O9/14/2016 201680050055.0 THE DOW CHEMICAL COMPANY O9/14/2016 201817012690 THE DOW CHEMICAL COMPANY O9/14/2016 2018-513451 THE DOW CHEMICAL COMPANY O9/14/2016 2018111438 THE DOW CHEMICAL COMPANY O9/14/2016 2018111438 THE DOW CHEMICAL COMPANY O9/14/2016 2018111438
77510-JP-PCT 77510-RU-PCT 77510-US-PCT 77512-CN-PCT 77512-EP-EPT 77512-IN-PCT 77512-RU-PCT 77512-RU-PCT 77513-CN-PCT 77513-EP-EPT 77513-IN-PCT 77513-JP-PCT	Japan Russian Federation United States Of America China European Procedure (Patents) India Japan Russian Federation United States Of America China European Procedure (Patents) India Japan Russian Federation United States Of America	METHOD OF PURIFYING WATER	THE DOW CHEMICAL COMPANY O9/14/2016 2018-510046 THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY O9/14/2016 15/757052 US-2018-0244544-A1 THE DOW CHEMICAL COMPANY O9/14/2016 201830050309.9 THE DOW CHEMICAL COMPANY O9/14/2016 16770178.8 3350127 THE DOW CHEMICAL COMPANY O9/14/2016 201817012692 THE DOW CHEMICAL COMPANY O9/14/2016 2018-510053 THE DOW CHEMICAL COMPANY O9/14/2016 2018111435 THE DOW CHEMICAL COMPANY O9/14/2016 2018111435 THE DOW CHEMICAL COMPANY O9/14/2016 15/757045 THE DOW CHEMICAL COMPANY O9/14/2016 201680050055.0 THE DOW CHEMICAL COMPANY O9/14/2016 16770179.6 3350128 THE DOW CHEMICAL COMPANY O9/14/2016 201817012690 THE DOW CHEMICAL COMPANY O9/14/2016 201817012690 THE DOW CHEMICAL COMPANY O9/14/2016 2018-513451
77510-JP-PCT 77510-RU-PCT 77510-RU-PCT 77512-CN-PCT 77512-EP-EPT 77512-IN-PCT 77512-RU-PCT 77512-RU-PCT 77513-CN-PCT 77513-IN-PCT 77513-JP-PCT 77513-RU-PCT	Japan Russian Federation United States Of America China European Procedure (Patents) India Japan Russian Federation United States Of America China European Procedure (Patents) India Japan Russian Federation United States Of	METHOD OF PURIFYING WATER SUBMERGED	THE DOW CHEMICAL COMPANY O9/14/2016 2018-510046 THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY O9/14/2016 15/757052 US-2018-0244544-A1 THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY O9/14/2016 201680050309.9 THE DOW CHEMICAL COMPANY O9/14/2016 16770178.8 3350127 THE DOW CHEMICAL COMPANY O9/14/2016 201817012692 THE DOW CHEMICAL COMPANY O9/14/2016 2018-510053 THE DOW CHEMICAL COMPANY O9/14/2016 2018111435 THE DOW CHEMICAL COMPANY O9/14/2016 15/757045 THE DOW CHEMICAL COMPANY O9/14/2016 201680050055.0 THE DOW CHEMICAL COMPANY O9/14/2016 201817012690 THE DOW CHEMICAL COMPANY O9/14/2016 2018-513451 THE DOW CHEMICAL COMPANY O9/14/2016 15/757050
77510-JP-PCT 77510-RU-PCT 77510-US-PCT 77512-CN-PCT 77512-IN-PCT 77512-JP-PCT 77512-US-PCT 77513-CN-PCT 77513-IN-PCT 77513-IN-PCT 77513-IN-PCT 77513-IN-PCT 77513-IN-PCT 77513-IN-PCT 77513-IN-PCT	Japan Russian Federation United States Of America China European Procedure (Patents) India Japan Russian Federation United States Of America China European Procedure (Patents) India Japan Russian Federation United States Of America	METHOD OF PURIFYING WATER SUBMERGED HYPERFILTRATION	THE DOW CHEMICAL COMPANY O9/14/2016 2018-510046 THE DOW CHEMICAL COMPANY O9/14/2016 15/757052 US-2018-0244544-A1 THE DOW CHEMICAL COMPANY O9/14/2016 15/757052 US-2018-0244544-A1 THE DOW CHEMICAL COMPANY O9/14/2016 201680050309.9 THE DOW CHEMICAL COMPANY O9/14/2016 16770178.8 3350127 THE DOW CHEMICAL COMPANY O9/14/2016 201817012692 THE DOW CHEMICAL COMPANY O9/14/2016 2018-510053 THE DOW CHEMICAL COMPANY O9/14/2016 2018111435 THE DOW CHEMICAL COMPANY O9/14/2016 15/757045 THE DOW CHEMICAL COMPANY O9/14/2016 201680050055.0 THE DOW CHEMICAL COMPANY O9/14/2016 201817012699 THE DOW CHEMICAL COMPANY O9/14/2016 201817012690 THE DOW CHEMICAL COMPANY O9/14/2016 2018-513451 THE DOW CHEMICAL COMPANY O9/14/2016 2018111438 THE DOW CHEMICAL COMPANY O9/14/2016 15/757050
77510-JP-PCT 77510-RU-PCT 77510-RU-PCT 77512-CN-PCT 77512-EP-EPT 77512-IN-PCT 77512-RU-PCT 77512-RU-PCT 77513-CN-PCT 77513-IN-PCT 77513-JP-PCT 77513-RU-PCT	Japan Russian Federation United States Of America China European Procedure (Patents) India Japan Russian Federation United States Of America China European Procedure (Patents) India Japan Russian Federation United States Of	METHOD OF PURIFYING WATER SUBMERGED	THE DOW CHEMICAL COMPANY O9/14/2016 2018-510046 THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY O9/14/2016 15/757052 US-2018-0244544-A1 THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY O9/14/2016 201680050309.9 THE DOW CHEMICAL COMPANY O9/14/2016 16770178.8 3350127 THE DOW CHEMICAL COMPANY O9/14/2016 201817012692 THE DOW CHEMICAL COMPANY O9/14/2016 2018-510053 THE DOW CHEMICAL COMPANY O9/14/2016 2018111435 THE DOW CHEMICAL COMPANY O9/14/2016 15/757045 THE DOW CHEMICAL COMPANY O9/14/2016 201680050055.0 THE DOW CHEMICAL COMPANY O9/14/2016 201817012690 THE DOW CHEMICAL COMPANY O9/14/2016 2018-513451 THE DOW CHEMICAL COMPANY O9/14/2016 15/757050

77533-BR-PCT Brazil United States Of	SYSTEM COI SUBMERGED HYPERFILTRATION THE	DOW CHEMICAL	/20/2016 112017016351-9	
77533-US-PCT America 77587-CN-PCT China 77587-DE-PCT Germany	ISATIN COPOLYMERS HAVING INTRINSIC MICROPOROSITY COI ISATIN COPOLYMERS HAVING INTRINSIC THE	DOW CHEMICAL MPANY 06 DOW CHEMICAL	5/24/2015 201580080880.0	2018-0001263 107636051 112015006647.0
United States Of 77587-US-PCT America International 77587-WO-PCT Procedure	ISATIN COPOLYMERS HAVING INTRINSIC MICROPOROSITY COP ISATIN COPOLYMERS HAVING INTRINSIC THE	DOW CHEMICAL MPANY 06 DOW CHEMICAL	s/24/2015 15/563976	2018-0142065 WO/2016/206008
	CHROMATOGRAPHIC SEPARATION OF SACCHARIDES USING STRONG ACID EXCHANGE RESIN INCORPORATING	DOW CHEMICAL		
77623-DE-EPT Germany			/26/2016 16711061.8	3268102
European 77623-EP-EPT Procedure (Patents	COP CHROMATOGRAPHIC SEPARATION OF SACCHARIDES USING STRONG ACID EXCHANGE RESIN	DOW CHEMICAL MPANY 02	/26/2016 16711061. 8	3268102
77623-FR-EPT France 77623-GB-EPT United Kingdom International 77632-WO-PCT Procedure International 77634-WO-PCT Procedure	INCORPORATING PRECIPITATED BARIUM SULFATE COR CHROMATOGRAPHIC SEPARATION OF SACCHARIDES USING STRONG ACID EXCHANGE RESIN INCORPORATING PRECIPITATED THE BARIUM SULFATE COR TREATING VINYL AROMATIC RESIN VINYL AROMATIC THE	DOW CHEMICAL MPANY 02 DOW CHEMICAL MPANY 06 DOW CHEMICAL MPANY 06	:/26/2016 16711061.8 :/19/2017 PCT/US17/038123	3268102 3268102 WO/2017/222978 WO/2017/222980
	VESSELS COI	ИPANY 09	/22/2015 201580078787.6	

European 77/679-EP-EPT Procedure (Patents	VESSELS FILTRATION ASSEMBLY INCLUDING SPIRAL WOUND BIOREACTORS AND MEMBRANE MODULES POSITIONED IN	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	.09/22/2015 15774815.3	3283197
77679-IN-PCT India	VESSELS	COMPANY	09/22/2015 201717038307	201717038307
77073-114-FC HIUId	FILTRATION	www.rant	U9/22/2013 ZU1/1/U383U/	Z01/1/U303U/
United States Of 77679-US-PCT America	ASSEMBLY INCLUDING SPIRAL WOUND BIOREACTORS AND MEMBRANE MODULES POSITIONED IN	THE DOW CHEMICAL COMPANY	09/22/2015 15/552447	2018-0043309
	POSITIONED IN			
International	SEPARATE PRESSURE	THE DOW CHEMICAL		
77679-WO-PCT Procedure	VESSELS	COMPANY	09/22/2015 PCT/US15/051297	WO/2016/167831
	FILTRATION			
777769-CN-PCT China	ASSEMBLY INCLUDING SPIRAL WOUND BIOREACTORS AND HYPERFILTRATION MEMBRANE MODULES	THE DOW CHEMICAL COMPANY		
		COMPANI	09/22/2015 201580078867.1	107531526
	FILTRATION	COMPAN	09/22/2015 201580078867.1	107531526
European 77769-EP-EPT Procedure (Patents	ASSEMBLY INCLUDING SPIRAL WOUND BIOREACTORS AND HYPERFILTRATION MEMBRANE	THE DOW CHEMICAL COMPANY	09/22/2015 201580078867.1 09/22/2015 15778106.3	107531526 3283198
•	ASSEMBLY INCLUDING SPIRAL WOUND BIOREACTORS AND HYPERFILTRATION MEMBRANE MODULES FILTRATION	THE DOW CHEMICAL		
•	ASSEMBLY INCLUDING SPIRAL WOUND BIOREACTORS AND HYPERFILTRATION MEMBRANE MODULES FILTRATION ASSEMBLY	THE DOW CHEMICAL		
•	ASSEMBLY INCLUDING SPIRAL WOUND BIOREACTORS AND HYPERFILTRATION MEMBRANE MODULES FILTRATION ASSEMBLY INCLUDING SPIRAL	THE DOW CHEMICAL		
•	ASSEMBLY INCLUDING SPIRAL WOUND BIOREACTORS AND HYPERFILTRATION MEMBRANE MODULES FILTRATION ASSEMBLY	THE DOW CHEMICAL		
•	ASSEMBLY INCLUDING SPIRAL WOUND BIOREACTORS AND HYPERFILTRATION MEMBRANE MODULES FILTRATION ASSEMBLY INCLUDING SPIRAL WOUND BIOREACTORS AND HYPERFILTRATION	THE DOW CHEMICAL COMPANY		
77769-EP-EPT Procedure (Patents	ASSEMBLY INCLUDING SPIRAL WOUND BIOREACTORS AND HYPERFILTRATION MEMBRANE MODULES FILTRATION ASSEMBLY INCLUDING SPIRAL WOUND BIOREACTORS AND HYPERFILTRATION MEMBRANE	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	09/22/2015 15778106.3	3283198
•	ASSEMBLY INCLUDING SPIRAL WOUND BIOREACTORS AND HYPERFILTRATION MEMBRANE MODULES FILTRATION ASSEMBLY INCLUDING SPIRAL WOUND BIOREACTORS AND HYPERFILTRATION	THE DOW CHEMICAL COMPANY		
77769-EP-EPT Procedure (Patents	ASSEMBLY INCLUDING SPIRAL WOUND BIOREACTORS AND HYPERFILTRATION MEMBRANE MODULES FILTRATION ASSEMBLY INCLUDING SPIRAL WOUND BIOREACTORS AND HYPERFILTRATION MEMBRANE MODULES FILTRATION ASSEMBLY	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	09/22/2015 15778106.3	3283198
77769-EP-EPT Procedure (Patents	ASSEMBLY INCLUDING SPIRAL WOUND BIOREACTORS AND HYPERFILTRATION MEMBRANE MODULES FILTRATION ASSEMBLY INCLUDING SPIRAL WOUND BIOREACTORS AND HYPERFILTRATION MEMBRANE MODULES FILTRATION ASSEMBLY INCLUDING SPIRAL WOUND MEMBRANE MODULES FILTRATION ASSEMBLY INCLUDING SPIRAL	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	09/22/2015 15778106.3	3283198
77769-EP-EPT Procedure (Patents	ASSEMBLY INCLUDING SPIRAL WOUND BIOREACTORS AND HYPERFILTRATION MEMBRANE MODULES FILTRATION ASSEMBLY INCLUDING SPIRAL WOUND BIOREACTORS AND HYPERFILTRATION MEMBRANE MODULES FILTRATION ASSEMBLY	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	09/22/2015 15778106.3	3283198
77769-EP-EPT Procedure (Patents:	ASSEMBLY INCLUDING SPIRAL WOUND BIOREACTORS AND HYPERFILTRATION MEMBRANE MODULES FILTRATION ASSEMBLY INCLUDING SPIRAL WOUND BIOREACTORS AND HYPERFILTRATION MEMBRANE MODULES FILTRATION ASSEMBLY INCLUDING SPIRAL WOUND BIOREACTORS AND HYPERFILTRATION MEMBRANE MODULES FILTRATION ASSEMBLY INCLUDING SPIRAL WOUND BIOREACTORS AND HYPERFILTRATION	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	09/22/2015 15778106.3	3283198
77769-EP-EPT Procedure (Patents	ASSEMBLY INCLUDING SPIRAL WOUND BIOREACTORS AND HYPERFILTRATION MEMBRANE MODULES FILTRATION ASSEMBLY INCLUDING SPIRAL WOUND BIOREACTORS AND HYPERFILTRATION MEMBRANE MODULES FILTRATION ASSEMBLY INCLUDING SPIRAL WOUND SSEMBLY INCLUDING SPIRAL WOUND BIOREACTORS AND HYPERFILTRATION ASSEMBLY INCLUDING SPIRAL WOUND BIOREACTORS AND	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL	09/22/2015 15778106.3	3283198

		FILTRATION ASSEMBLY INCLUDING SPIRAL WOUND BIOREACTORS AND					
77769-WO-PCT	International Procedure	HYPERFILTRATION MEMBRANE MODULES	THE DOW CHEMICAL COMPANY	09/22/2015	PCT/US15/051298	WO/2016/167832	
77826-CN-PCT	China	ISATIN COPOLYMERS HAVING INTRINSIC MICROPOROSITY	THE DOW CHEMICAL COMPANY	05/16/2016	201680028121.4	107646040	
77826-DE-PCT	Germany	ISATIN COPOLYMERS HAVING INTRINSIC MICROPOROSITY	THE DOW CHEMICAL COMPANY	05/16/2016	112016002429.0	112016002429.0	
	United States Of	ISATIN COPOLYMERS HAVING INTRINSIC	THE DOW CHEMICAL				
77826-US-PCT	America	MICROPOROSITY	COMPANY	05/16/2016	15/558449	2018-0066103	
77826-WO-PCT	International Procedure	ISATIN COPOLYMERS HAVING INTRINSIC MICROPOROSITY	THE DOW CHEMICAL COMPANY	05/16/2016	PCT/US16/032624	WO/2016/195977	
			THE DOW CHEMICAL	07/44/2040			
78137-CN-PCT	China	SEAL FILTER ASSEMBLY INCLUDING SPIRAL WOUND MEMBRANE	COMPANY	07/11/2016	201680041877.2	107847871	
78137-EP-EPT	European Procedure (Patents	MODULE AND BRINE	THE DOW CHEMICAL COMPANY	07/11/2016	16739382.6	3328524	
		INCLUDING SPIRAL WOUND MEMBRANE					
78137-IN-PCT	India	MODULE AND BRINE SEAL	THE DOW CHEMICAL COMPANY	07/11/2016	201817004872	201817004872	
78137-JP-PCT	Japan	SEAL	THE DOW CHEMICAL COMPANY	07/11/2016	2018-503512	2018-520869	
		FILTER ASSEMBLY INCLUDING SPIRAL WOUND MEMBRANE					
78137-KR-PCT	SOUTH KOREA		THE DOW CHEMICAL COMPANY	07/11/2016	10-2018-7004210		
78137-US-PCT	United States Of America	FILTER ASSEMBLY INCLUDING SPIRAL WOUND MEMBRANE MODULE AND BRINE SEAL		07/11/2016		2018-0141005	
		HOLLOW FIBER MEMBRANE MODULE INCLUDING CONCENTRATE	THE DOW CHEMICAL				
78298-CN-PCT	China	DISTRIBUTOR	COMPANY	10/08/2015	201580083266.X	108136291	
78298-EP-EPT	European Procedure (Patents	HOLLOW FIBER MEMBRANE MODULE INCLUDING CONCENTRATE DISTRIBUTOR	THE DOW CHEMICAL COMPANY	10/08/2015	15905666.2	3359272	

	HOLLOW FIBER	
	MEMBRANE MODULE INCLUDING	
78298-KR-PCT SOUTH KOREA	CONCENTRATE DISTRIBUTOR	THE DOW CHEMICAL COMPANY 10/08/2015 10-2018-7010818
78238-RN-FC1 300111 ROREA		10/60/2013 10-2010-7010010
	HOLLOW FIBER MEMBRANE	
	MODULE INCLUDING CONCENTRATE	THE DOW CHEMICAL
78298-SG-PCT Singapore	DISTRIBUTOR	COMPANY 10/08/2015 11201801291R
	RESIN WITH PROMOTER AND	THE DOW CHEMICAL
78404-TW-NP Taiwan	ANTIOXIDANT RESIN WITH	COMPANY 12/11/2017 106143360
International 78404-WO-PCT Procedure	PROMOTER AND ANTIOXIDANT	THE DOW CHEMICAL COMPANY 12/30/2016 PCT/CN16/113515 WO 2018/120024
	MEMBRANE	
	TREATMENT OF AMMONIA-	
78451-CN-PCT China	CONTAINING WASTE WATER	THE DOW CHEMICAL COMPANY 10/30/2015 201580083865.1 108137348
	MEMBRANE TREATMENT OF	
	AMMONIA-	
European 78451-EP-EPT Procedure (Patent:		THE DOW CHEMICAL COMPANY 10/30/2015 15906990.5 3368482
	MEMBRANE TREATMENT OF	
	AMMONIA-	THE DOW CHEMICAL
78451-IN-PCT India	WATER	COMPANY 10/30/2015 201817018055
	MEMBRANE TREATMENT OF	
United States Of	AMMONIA- CONTAINING WASTE	THE DOW CHEMICAL
78451-US-PCT America	WATER FILTER ASSEMBLY	COMPANY 10/30/2015 15/758552 US-2018-0257965-A1
	INCLUDING SPIRAL	
	WOUND MODULE, BRINE SEAL AND END	THE DOW CHEMICAL
78470-CN-PCT China	CAP FILTER ASSEMBLY	COMPANY 09/12/2016 201680053219.5
	INCLUDING SPIRAL WOUND MODULE,	
European	BRINE SEAL AND END	O THE DOW CHEMICAL
78470-EP-EPT Procedure (Patent:	FILTER ASSEMBLY	COMPANY 09/12/2016 16775024.9 3356020
	INCLUDING SPIRAL WOUND MODULE,	
78470-IN-PCT India	BRINE SEAL AND END	OTHE DOW CHEMICAL COMPANY 09/12/2016 201817013548 201817013548
	FILTER ASSEMBLY	
	INCLUDING SPIRAL WOUND MODULE,	
78470-JP-PCT Japan	BRINE SEAL AND END CAP	THE DOW CHEMICAL COMPANY 09/12/2016 2018-514793
	FILTER ASSEMBLY INCLUDING SPIRAL	
	WOUND MODULE,	THE COLUMN (ALPLANCE)
78470-KR-PCT SOUTH KOREA	CAP	THE DOW CHEMICAL 09/12/2016 10-2018-7010389 10-2018-0052729
	FILTER ASSEMBLY INCLUDING SPIRAL	
United States Of	WOUND MODULE, BRINE SEAL AND END	O THE DOW CHEMICAL
78470-US-PCT America	CAP	COMPANY 09/12/2016 15/750752 US-2018-0250637-A1
78605-CN-PCT China	SEPARATING CARBOXYLIC ACIDS	THE DOW CHEMICAL COMPANY 03/13/2018 201680061830.2 108137471
United States Of 78605-US-PCT America	SEPARATING CARBOXYLIC ACIDS	THE DOW CHEMICAL COMPANY 11/01/2016 15/769568
International 78605-WO-PCT Procedure	SEPARATING CARBOXYLIC ACIDS	THE DOW CHEMICAL COMPANY 11/01/2016 PCT/US16/059894 WO/2017/079151

SE OI U! M 78688-BR-PCT Brazil AI CI SE		THE DOW CHEMICAL COMPANY	11/22/2016	112018010803-0		
M		THE DOW CHEMICAL	11 122 12016	2045200524425	100257212	
q	DSORBENT HROMATOGRAPHIC EPARATION OF	COMPANY	11/22/2016	201680069448.6	108367212	
O	RGANIC ACIDS					
M		THE DOW CHEMICAL	11/23/2016	201817021189		
Ci	HROMATOGRAPHIC	CONFANT	11/22/2016	201017021103		
O	EPARATION OF RGANIC ACIDS					
International M		THE DOW CHEMICAL	44/22/2046	DOT 11 154 5 10 53330	11/0/2017/005507	
q	HROMATOGRAPHIC	COMPANY	11/22/2016	PCT/US16/063220	WO/2017/095687	
PF	EPARATION OF ROPIONIC ACID					
Al		THE DOW CHEMICAL				
Ci	HROMATOGRAPHIC	COMPANY	11/22/2016	112018011184-8		
PF	EPARATION OF ROPIONIC ACID					
Al		THE DOW CHEMICAL				
q	HROMATOGRAPHIC	COMPANY	11/22/2016	3006439		
PI	EPARATION OF ROPIONIC ACID					
Al		THE DOW CHEMICAL				
Ci	HROMATOGRAPHIC	COMPANY	11/22/2016	201680072411.9	108367213	
	EPARATION OF ROPIONIC ACID					
European Al	SING STRONG BASE NION EXCHANGE	THE DOW CHEMICAL				
78703-EP-EPT Procedure (Patents) Ri	esin Hromatographic	COMPANY	11/22/2016	16816482.0	3383516	
	EPARATION OF ROPIONIC ACID					
	SING STRONG BASE NION EXCHANGE	THE DOW CHEMICAL				
	esin Hromatographic	COMPANY	11/22/2016	15/776838		
	EPARATION OF ROPIONIC ACID					
	SING STRONG BASE NION EXCHANGE	THE DOW CHEMICAL				
	esin Iatrices	COMPANY	11/22/2016	PCT/US16/063214	WO/2017/095685	
	Ontaining Thium	THE DOW CHEMICAL				
78721-WO-PCT Procedure Al	ennennennennennennennennennennen	COMPANY THE DOW CHEMICAL	03/21/2017	PCT/CN17/077440		
78832-AU-PCT Australia UI	RANIUM RECOVERY	COMPANY THE DOW CHEMICAL	03/15/2017	PCT/US17/022399		
78832-CA-PCT Canada UI	RANIUM RECOVERY	COMPANY THE DOW CHEMICAL	03/15/2017	PCT/US17/022399		
78832-IN-PCT India UI	RANIUM RECOVERY	COMPANY THE DOW CHEMICAL	03/15/2017	PCT/US17/022399		
78832-RU-PCT Russian Federation UI United States Of		COMPANY THE DOW CHEMICAL	03/15/2017	PCT/US17/022399		
78832-US-PCT America U	RANIUM RECOVERY	COMPANY	03/15/2017	16/085009		

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70033 NO DCE	International	LIDANIUMA DECOVERY	THE DOW CHEMICAL	03/4F 12047 DCT N/C42/022200 HIQ/2047/200024
78832-WO-PCT	Procedure	URANIUM RECOVERY	THE DOW CHEMICAL	03/15/2017 PCT/US17/022399 WO/2017/209828
78832-ZA-PCT	South Africa	URANIUM RECOVERY		03/15/2017 PCT/US17/022399
70052 271101		BIOREACTOR	THE DOW CHEMICAL	33/13/2017 1 31/331/1012333
79156-CA-PCT	Canada	ASSEMBLY	COMPANY	03/01/2017 PCT/US17/020065
		BIOREACTOR	THE DOW CHEMICAL	
79156-CN-PCT	China	ASSEMBLY	COMPANY	03/01/2017 PCT/US17/020065
	European	BIOREACTOR	THE DOW CHEMICAL	
79156-EP-EPT	Procedure (Patents)	BIOREACTOR	COMPANY THE DOW CHEMICAL	03/01/2017 17711424.6
79156-JP-PCT	Japan	ASSEMBLY	COMPANY	03/01/2017 2018-545606
7515031 101	United States Of	BIOREACTOR	THE DOW CHEMICAL	03/01/2017 2010 345000
79156-US-PCT	America	ASSEMBLY	COMPANY	03/01/2017 15/066606
	International	BIOREACTOR	THE DOW CHEMICAL	
79156-WO-PCT	Procedure	ASSEMBLY	COMPANY	03/01/2017 PCT/US17/020065 WO/2017/165091
		CONTROLLED		
	International	PARTICLE SIZE	THE DOW CHEMICAL	44 (AC (ACA) - ACT A CAN (ACCA) ACCA ACCA ACCA ACCA ACCA ACCA AC
79212-WO-PCT	Procedure	DISTRIBUTION REMOVING	COMPANY	11/06/2017 PCT/US17/060138 WO/2018/089296
		COLLOIDAL COBALT		
	International		THE DOW CHEMICAL	
79287-WO-PCT	Procedure	COMPOSITION	COMPANY	06/19/2017 PCT/US17/038128 WO/2017/222981
		RESIN BEADS AND		
		USE IN PROCESSING		
	International	OF AQUEOUS	THE DOW CHEMICAL	
79321-WO-PCT	Procedure	SOLUTIONS	COMPANY	12/30/2016 PCT/KR16/015591 WO/2018/124350
		RESIN BEADS AND USE IN PROCESSING		
	International	OFAQUEOUS	THE DOW CHEMICAL	
79445-WO-PCT	Procedure	SOLUTIONS	COMPANY	12/30/2016 PCT/KR16/015589 WO/2018/124349
		COMPONENT		
	United States Of	ADDITION	THE DOW CHEMICAL	
79475-US-PSP	America	POLYMERIZATION	COMPANY	11/10/2017 62/584212
70400 7144 115	T-1	METHOD OF	THE DOW CHEMICAL	04/05/0040 407400074
79480-TW-NP	Taiwan International	CLEANING RESINS METHOD OF	COMPANY THE DOW CHEMICAL	01/26/2018 107102851
79480-WO-PCT	Procedure	CLEANING RESINS	COMPANY	02/10/2017 PCT/CN17/073210 WO 2018/145295
		POLYMER		
		INCLUDING		
		TROGER'S BASE AND		
		ISATIN MOIETIES		
	United Characters Of	AND HAVING	THE DOLLICHER WAY	
79535-US-PCT	United States Of America	INTRINSIC MICROPOROSITY	THE DOW CHEMICAL COMPANY	07/31/2017 15/573966
79333-03-FC1	America	POLYMER	COIVIT MIXT	0//31/2017 13/3/3300
		INCLUDING		
		TROGER'S BASE AND		
		ISATIN MOIETIES		
		AND HAVING		
70535 1410 875	International	INTRINSIC	THE DOW CHEMICAL	27/24 2047 DET NOS 2044600
79535-WO-PCT	Procedure	MICROPOROSITY POLYMERS HAVING	COMPANY	07/31/2017 PCT/US17/044602 WO/2018/048515
		INTRINSIC		
		MICROPOROSITY		
		INCLUDING SUB-		
		UNITS WITH		
		TROGER'S BASE AND		
	United States Of	SPIROBISINDANE	THE DOW CHEMICAL	0= 10.4 lb0.4= .4= l==4000
79653-US-PCT	America	MOIETIES POLYMERS HAVING	COMPANY	07/31/2017 15/571080
		INTRINSIC		
		MICROPOROSITY		
		INCLUDING SUB-		
		UNITS WITH		
		TROGER'S BASE AND		
	International	SPIROBISINDANE	THE DOW CHEMICAL	And the bear appropriate to the second secon
79653-WO-PCT	Procedure	MOIETIES	COMPANY	07/31/2017 PCT/US17/044605 WO/2018/057119

	SPIRAL WOUND MODULE ASSEMBLY	
	INCLUDING INTEGRATED	
International	PERMEATE	THE DOW CHEMICAL
79733-WO-PCT Procedure	MONITORING TROGER'S BASE	COMPANY 07/18/2017 PCT/US17/042530 WO/2018/044407
	POLYMER HAVING	
79904-CN-PCT China	INTRINSIC MICROPOROSITY	THE DOW CHEMICAL COMPANY 11/10/2016 201680068457.3 108291026
79904-CN-PCT China	TROGER'S BASE	COMPANY 11/10/2016 201680068457.3 108291026
	POLYMER HAVING INTRINSIC	THE DOW CHEMICAL
79904-DE-PCT Germany	MICROPOROSITY	COMPANY 11/10/2016 112016005378.9 112016005378
	TROGER'S BASE POLYMER HAVING	
	INTRINSIC	THE DOW CHEMICAL
79904-SA-PCT Saudi Arabia	MICROPOROSITY TROGER'S BASE	COMPANY 11/10/2016 518391655
	POLYMER HAVING	
United States Of 79904-US-PCT America	INTRINSIC MICROPOROSITY	THE DOW CHEMICAL COMPANY 11/10/2016 15/773594
73304-03-FC) America	TROGER'S BASE	CONNECTOR 11/10/2010 13/7/3354
International	POLYMER HAVING INTRINSIC	THE DOW CHEMICAL
79904-WO-PCT Procedure	MICROPOROSITY	COMPANY 11/10/2016 PCT/US16/061214 WO/2017/091357
International	CONTROLLED PARTICLE SIZE	THE DOW CHEMICAL
79925-WO-PCT Procedure	DISTRIBUTION	COMPANY 11/06/2017 PCT/US17/060129 WO/2018/089294
	THIN FILM COMPOSITE	
	MEMBRANE	
	INCLUDING CROSSLINKED	
International	TROGER'S BASE	THE DOW CHEMICAL
80065-WO-PCT Procedure	POLYMER SPIRAL WOUND	COMPANY 03/20/2018: PCT/US18/023216
	FILTER ASSEMBLY	
	INCLUDING AXIALLY OFFSET PERMEATE	THE DOW CHEMICAL
80108-SA-NP Saudi Arabia	TRANSFER PIPES	COMPANY 03/19/2017 117380503
International 80318-WO-PCT Procedure	FUNCTIONAL RESIN PARTICLES	THE DOW CHEMICAL COMPANY 04/25/2018 PCT/US18/029278
International	TREATMENT OF	THE DOW CHEMICAL
80319-WO-PCT Procedure International	SUGAR SOLUTIONS FUNCTIONAL RESIN	COMPANY 04/25/2018 PCT/US18/029281 THE DOW CHEMICAL
80417-WO-PCT Procedure	PARTICLES	COMPANY 04/25/2018 PCT/U518/029287
International 80418-WO-PCT Procedure	TREATMENT OF SUGAR SOLUTIONS	THE DOW CHEMICAL COMPANY 04/25/2018 PCT/US18/029291
	SPIRAL WOUND	
	MODULE ASSEMBLY INCLUDING	
	INTEGRATED	
International 80570-WO-PCT Procedure	PRESSURE MONITORING	THE DOW CHEMICAL COMPANY 03/20/2018 PCT/U518/023215
International	TREATMENT OF	THE DOW CHEMICAL
80629-WO-PCT Procedure	SUGAR SOLUTIONS ACETOACETOXYETHY	COMPANY 04/25/2018 PCT/US18/029293
	LOR	
International	ACETOACETAMIDE FUNCTIONAL	THE DOW CHEMICAL
80672-WO-PCT Procedure	POLYLMERIC BEADS	COMPANY 05/31/2017 PCT/CN17/086596 THE DOW CHEMICAL
International 80675-WO-PCT Procedure	RECOVERY OF URANIUM	COMPANY 05/18/2018 PCT/US18/033398
	SPIRAL WOUND	
	MEMBRANE	
	MODULE INCLUDING INTEGRATED	
	DIFFERENTIAL	
International 80890-WO-PCT Procedure	PRESSURE MONITORING	THE DOW CHEMICAL COMPANY 06/20/2018 PCT/US18/038400
United States Of		THE DOW CHEMICAL
81118-US-PSP America	POLYMERIC BEADS	COMPANY 11/10/2017 62/584216

	United States Of	PURIFICATION OF	THE DOW CHEMICAL			
81119-US-PSP	America	WATER	COMPANY	11/10/2017 62/584217		
	United States Of	METHOD OF	THE DOW CHEMICAL			
81120-US-PSP	America	CATALYSIS	COMPANY	11/10/2017 62/584218		
		POLYMERIZATION PROCESS INVOLVING				
		ADDITION OF				
	United States Of	MONOFUNCTIONAL	THE DOW CHEMICAL			
81121-US-PSP	America	VINYL MONOMER	COMPANY	11/10/2017 62/584219		
	United States Of	MAKING LOW-	THE DOW CHEMICAL			
81263-US-PSP	America United States Of	SODIUM RESIN	COMPANY	10/25/2017 62/576677		
81560-US-PSP	America	POLYMERIC BEADS	THE DOW CHEMICAL COMPANY	12/06/2017 62/595241		
	United States Of	TREATMENT OF	THE DOW CHEMICAL			
81561-US-PSP	America	WATER	COMPANY	12/06/2017 62/595246		
		SPIRAL WOUND				
		ASSEMBLY WITH INTEGRATED FLOW				
	United States Of	RESTRICTOR AND	THE DOW CHEMICAL			
81653-US-PSP	America	SENSOR	COMPANY	01/15/2018 62/617372		
01701 55 554	European Procedure (Patente	AAATED TREATSAESIT	THE DOW CHEMICAL	OE/01/2019 19292202 0		
81781-EP-EPA	United States Of	WATER TREATMENT	COMPANY THE DOW CHEMICAL	05/01/2018 18382302.0		
81850-US-PSP	America	GRIT BLASTING	COMPANY	03/29/2018 62/649894		
		FILTER SCREEN CONFIGURATION				
		FOR HIGH REJECTION	L			
	United States Of	FILTRATION	THE DOW CHEMICAL			
82032-US-PSP	America	APPLICATIONS	COMPANY	07/27/2018 62/711178		
		DISINFECTANT				
		FORMULATIONS SUITABLE FOR USE				
		AT LOW	THE DOW CHEMICAL			
69493-AR-NP	Argentina	TEMPERATURE	COMPANY	11/29/2010 100104397	079434	
		DISINFECTANT				
		FORMULATIONS				
		SUITABLE FOR USE AT LOW	THE DOW CHEMICAL			
69493-AU-NP	Australia	TEMPERATURE	COMPANY	12/03/2010 2010249177		01/07/2016 2010249177
		DISINFECTANT				
		FORMULATIONS				
		SUITABLE FOR USE AT LOW	THE DOW CHEMICAL			
69493-BR-NP	Brazil	TEMPERATURE	COMPANY	12/15/2010 PI1005561.4	PI1005561.4	08/22/2017 PI1005561.4
		DISINFECTANT				
		FORMULATIONS				
		SUITABLE FOR USE AT LOW	THE DOW CHEMICAL			
69493-CA-NP	Canada	TEMPERATURE	COMPANY	11/15/2010 2721290		01/06/2015 2721290
		DISINFECTANT				
		FORMULATIONS				
		SUITABLE FOR USE AT LOW	THE DOW CHEMICAL			
69493-CN-NP	China	TEMPERATURE	COMPANY	12/17/2010 201010616449.2	102100226	11/12/2014 201010616449.2
		DISINFECTANT				
		FORMULATIONS				
		SUITABLE FOR USE	THE DOWNERS ACAI			
69493-DE-EPA[2]	l Germany	AT LOW TEMPERATURE	THE DOW CHEMICAL COMPANY	11/22/2010 10192064.3	2338329	07/20/2016 602010034805.9
33-33 DE-CI M[Z		. LIVII LIVII OILL		11,22,2010 10192004.3	230323	5., 20, 2010 002010054805.5
	,,	DISINFECTANT				
	,,	FORMULATIONS				
	,,	FORMULATIONS SUITABLE FOR USE				
60/62 ED-ED-473		FORMULATIONS SUITABLE FOR USE AT LOW	THE DOW CHEMICAL	11/27/2010 10102054 2	2238220	07/20/2016 222020
69493-FR-EPA[2]		FORMULATIONS SUITABLE FOR USE AT LOW TEMPERATURE	THE DOW CHEMICAL COMPANY	11/22/2010 10192064 3	2338329	07/20/2016 2338329
69493-FR-EPA(2)		FORMULATIONS SUITABLE FOR USE AT LOW		11/22/2010 10192064.3	2338329	07/20/2016 2338329
69493-FR-EPA[2]		FORMULATIONS SUITABLE FOR USE AT LOW TEMPERATURE DISINFECTANT FORMULATIONS SUITABLE FOR USE	COMPANY	11/22/2010 10192064.3	2338329	07/20/2016 2338329
		FORMULATIONS SUITABLE FOR USE AT LOW TEMPERATURE DISINFECTANT FORMULATIONS		11/22/2010 10192064.3 11/22/2010 10192064.3	2338329 2338329	07/20/2016 2338329 07/20/2016 2338329

69493-JP-NP	Japan	DISINFECTANT FORMULATIONS SUITABLE FOR USE AT LOW TEMPERATURE DISINFECTANT	THE DOW CHEMICAL COMPANY	11/08/2010	2010-249585	2011-126866	12/13/2013	5431291
69493-RU-NP 69493-US-NP	Russian Federation United States Of America	FORMULATIONS SUITABLE FOR USE AT LOW TEMPERATURE DISINFECTANT FORMULATIONS SUITABLE FOR USE AT LOW TEMPERATURE	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL COMPANY	12/16/2010	2010 151 599 12/967663	2011-0152378	06/10/2015	2552077
69494-AR-NP	Argentina	DISINFECTANT FORMULATIONS THAT REMAIN LIQUID AT LOW TEMPERATURE DISINFECTANT FORMULATIONS THAT REMAIN	THE DOW CHEMICAL COMPANY	11/29/2010	100104398	080569		
69494-AU-NP	Australia	LIQUID AT LOW TEMPERATURE DISINFECTANT FORMULATIONS THAT REMAIN LIQUID AT LOW	THE DOW CHEMICAL COMPANY THE DOW CHEMICAL		2010249180			2010249180
69494-CA-NP	China	TEMPERATURE DISINFECTANT FORMULATIONS THAT REMAIN LIQUID AT LOW TEMPERATURE DISINFECTANT FORMULATIONS	COMPANY THE DOW CHEMICAL COMPANY	11/15/2010		102100227A	06/10/2014	z/21284
69494-JP-NP	Japan	THAT REMAIN LIQUID AT LOW TEMPERATURE	THE DOW CHEMICAL	11/08/2010	2010-249591	2011-126867	12/13/2013	5431292
60546-BE-EPT	Belgium	CROSSOVER- RESISTANT PLURAL COMPONENT MIXING NOZZLE	THE DOW CHEMICAL	2/24/1999	1060026	4/12/2006	1060026	
60546-CA-PCT	Canada	CROSSOVER- RESISTANT PLURAL COMPONENT MIXING NOZZLE	THE DOW CHEMICAL	2/24/1999	2323055	9/8/2009	2323055	
60546-CH-EPT	Switzerland	CROSSOVER- RESISTANT PLURAL COMPONENT MIXING NOZZLE	THE DOW CHEMICAL	2/24/1999	1060026	4/12/2006	1060026	
60546-DE-EPT	Germany	CROSSOVER- RESISTANT PLURAL COMPONENT MIXING NOZZLE	THE DOW CHEMICAL	2/24/1999	1060026	4/12/2006	69930838	
60546-ES-EPT	European Procedure	CROSSOVER- RESISTANT	THE DOW CHEMICAL	2/24/1999	1060026	4/12/2006	1060026	
60546-FR-EPT	Spain	CROSSOVER- RESISTANT PLURAL COMPONENT MIXING NOZZLE	THE DOW CHEMICAL	2/24/1999	1060026	4/12/2006	1060026	
60546-GB-EPT	France	CROSSOVER- RESISTANT PLURAL COMPONENT MIXING NOZZLE	THE DOW CHEMICAL COMPANY	2/24/1999	1060026	4/12/2006	1060026	

60546-IT-EPT	United Kingdom	CROSSOVER- RESISTANT PLURAL COMPONENT MIXING NOZZLE	THE DOW CHEMICAL	2/24/1999	1060026	4/12/2006	1060026
60546-JP-PCT	Italy	CROSSOVER- RESISTANT PLURAL COMPONENT MIXING NOZZLE	THE DOW CHEMICAL COMPANY	2/24/1999	1060026	4/12/2006	1060026
60546-MX-PCT	Japan	CROSSOVER- RESISTANT PLURAL COMPONENT MIXING NOZZLE	THE DOW CHEMICAL	2/24/1999		2/12/2010	4454853
60546-NL-EPT	Mexico	CROSSOVER- RESISTANT PLURAL COMPONENT MIXING NOZZLE	THE DOW CHEMICAL	2/24/1999		3/16/2005	226752
60546-SE-EPT	Netherlands	CROSSOVER- RESISTANT PLURAL COMPONENT MIXING NOZZLE	THE DOW CHEMICAL	2/24/1999	1060026	4/12/2006	1060026
60585-US-NP	Sweden	CROSSOVER- RESISTANT PLURAL COMPONENT MIXING NOZZLE	THE DOW CHEMICAL	2/24/1999	1060026	4/12/2006	1060026
60586-CA-PCT	International Proced	CROSSOVER- RESISTANT PLURAL COMPONENT MIXING NOZZLE	THE DOW CHEMICAL COMPANY	2/24/1999	99/44749		
60586-MX-PCT	United States Of An	HANDLE FOR FROTH-PAK KIT	THE DOW CHEMICAL	11/14/2000		3/25/2003	6536820
60586-US- CNT[1]	Canada	DISPENSER WITH TEMPERATURE INDICATING MEANS	THE DOW CHEMICAL COMPANY	5/2/2000	2372161	12/29/2009	2372161
60586-US-NP	Mexico	DISPENSER WITH TEMPERATURE INDICATING MEANS	THE DOW CHEMICAL	5/2/2000		8/29/2006	239865
60587-CA-PCT	United States Of An	INDICATING MEANS	THE DOW CHEMICAL COMPANY	12/18/2000		10/2/2001	6296146
60587A-US- CNT[1]	United States Of An	DISPENSER WITH TEMPERATURE INDICATING MEANS	THE DOW CHEMICAL COMPANY	5/4/1999		12/19/2000	6161725
62827-US-NP	International Proced	DISPENSER WITH TEMPERATURE INDICATING MEANS	THE DOW CHEMICAL	5/2/2000	00/66483		
CASEREFEREN CE	Canada	MULTI- COMPONENT FOAM DISPENSER WITH IMPROVED FLOW METERING MEANS	THE DOW CHEMICAL	10/26/2001		5/22/2012	2428087
60546-BE-EPT	European Procedure	MULTI- COMPONENT FOAM DISPENSER WITH IMPROVED FLOW METERING MEANS	THE DOW CHEMICAL COMPANY	10/26/2001	1334308	9/20/2006	1334308

60546-CA-PCT	International Proced	WITH IMPROVED	THE DOW CHEMICAL COMPANY	10/26/2001	WO/2002/075210		
60546-CH-EPT	United States Of Am	WITH IMPROVED	THE DOW CHEMICAL COMPANY	12/13/2002	2003-0116647	1/31/2006	6991185
60546-DE-EPT	United States Of Am	CARTON FOR FOAM DISPENSING SYSTEM	THE DOW CHEMICAL COMPANY	11/2/2001	2003/0085241	5/20/2003	6564973

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