

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5950909

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
HUNTSMAN PETROCHEMICAL LLC	01/02/2020
RECEIVING PARTY DATA	
Name:	INDORAMA VENTURES OXIDES LLC
Street Address:	24 WATERWAY AVENUE
Internal Address:	SUITE 1100
City:	THE WOODLANDS
State/Country:	TEXAS
Postal Code:	77380
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16783937
CORRESPONDENCE DATA	
Fax Number:	(587)887-9998
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	346-365-6106
Email:	edward.korompai@us.indorama.net, pwarchambault@smartbiggar.ca
Correspondent Name:	INDORAMA VENTURES OXIDES LLC
Address Line 1:	24 WATERWAY AVENUE, SUITE 1100
Address Line 4:	THE WOODLANDS, TEXAS 77380
ATTORNEY DOCKET NUMBER:	81790 D1
NAME OF SUBMITTER:	ROBERT HOLTHUS, REG. NO. 50,347
SIGNATURE:	/Robert Holthus/
DATE SIGNED:	02/06/2020
Total Attachments: 60	
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PATENT ASSIGNMENT

THIS PATENT ASSIGNMENT (this "*Assignment*") is made and entered into as of January 3, 2020 (the "*Effective Date*"), by Huntsman Petrochemical LLC, a Delaware limited liability company with an address at 10003 Woodloch Forest Drive, The Woodlands, Texas 77380 ("*Assignor*") in favor of Indorama Ventures Oxides LLC, a Delaware limited liability company with an address at 24 Waterway Avenue, Suite 1100, The Woodlands, Texas 77380 ("*Assignee*").

WHEREAS, Assignor and Assignee are among the parties to that certain Equity and Asset Purchase Agreement, dated as of August 7, 2019 (as amended, supplemented or modified, the "*Purchase Agreement*"); and

WHEREAS, pursuant to the Purchase Agreement, Assignor has sold, conveyed, assigned, and transferred to Assignee, and Assignee has acquired from Assignor, all right, title and interest in, to and under the patents and patent applications set forth on Schedule A and the inventions and improvements described and claimed therein (the "*Patents*"), and the parties wish to record such acquisition in the applicable governmental authorities in any applicable jurisdiction;

NOW, THEREFORE, in consideration of the foregoing and in consideration of the mutual promises, covenants, representations, warranties and agreements contained herein and in the Purchase Agreement and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor hereby agrees as follows:

1. Assignment. Effective as of the Effective Date, Assignor hereby sells, conveys, assigns, and transfers to Assignee, and Assignee accepts, any and all of Assignor's right, title and interest in, to and under the Patents in the United States and throughout the world, the same to be held and enjoyed by Assignee as fully and completely as by Assignor had this Assignment not been made, including, without limitation, (a) any reissues, renewals, revisions, divisionals, substitutions, continuations, continuations-in-part, patent disclosures, extensions and reexaminations, and foreign equivalents thereof, (b) all patents that issue from the patent applications included in the Patents, (c) all rights therein provided by the laws of the United States or any foreign country, multinational treaties or conventions (including, without limitation, the right to claim priority to any of the Patents), (d) all rights to apply for, prosecute and obtain patents and industrial design registrations in respect of any of the inventions to the extent fully supported by the Patents throughout the world, and (e) all other rights in the foregoing (including, without limitation, the right to collect royalties and proceeds in connection therewith), and all rights and remedies (including, without limitation, the right to sue for and recover damages, profits and any other remedy) for past, present or future infringement, misappropriation, or other violation relating to any of the foregoing, together with any priority right that may arise from any of the foregoing.

2. Recording. This Assignment has been executed and delivered by Assignor to Assignee for the purpose of recording this Assignment with any applicable governmental

authorities, and the parties hereby authorize any such governmental authorities to record this Assignment.

3. Further Assurances. From time to time following the date hereof, at the sole expense of Assignee, Assignor shall execute and deliver such other instruments of conveyance, assignment, transfer and delivery or other documents and take or cause to be taken such other actions as Assignee reasonably may request in order to record, perfect or otherwise effectuate the assignment granted hereunder. In the event of any conflict between the terms of this Assignment and the terms of the Purchase Agreement, the terms of the Purchase Agreement shall govern.

4. Successors. This Assignment and all covenants and agreements contained herein and rights, interests or obligations hereunder, by or on behalf of any of the parties hereto, shall bind and inure to the benefit of the respective successors and assigns of the parties hereto whether so expressed or not.

5. Governing Law. All issues and questions concerning the construction, validity, enforcement and interpretation of this Assignment shall be governed by, and construed in accordance with, the laws of the State of Delaware without giving effect to any choice of law or conflict of law rules or provisions (whether of the State of Delaware or any other jurisdiction) that would cause the application of the laws of any jurisdiction other than the State of Delaware. In furtherance of the foregoing, the internal law of the State of Delaware shall control the interpretation and construction of this Assignment, even though under that jurisdiction's choice of law or conflict of law analysis, the substantive law of some other jurisdiction would ordinarily apply.

[Remainder of Page Intentionally Left Blank; Signature Follows]

IN WITNESS WHEREOF, the parties have entered into this Assignment as of the Effective Date.

ASSIGNOR:
Huntsman Petrochemical LLC

ASSIGNEE:
Indorama Ventures Oxides LLC

By: _____
Name: David Stryker
Title: Executive Vice President
General Counsel and Secretary

By: _____
Name: Satyanarayan Mohta
Title: Director

STATE OF Texas)
)SS.
COUNTY OF Montgomery)

On the 2nd day of January, 2020 before me personally appeared David Stryker, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the foregoing instrument, who, being duly sworn, did depose and say that he/she executed the same, and acknowledged the instrument to be for the uses and purposes mentioned in the instrument.

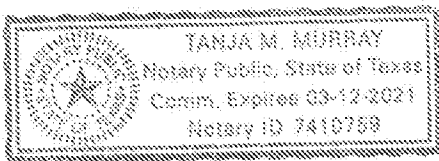
Tanja M. Murray

Notary Public

Tanja M. Murray

Typed, printed or stamped name of Notary Public

My Commission Expires: 03/12/2021



IN WITNESS WHEREOF, the parties have entered into this Assignment as of the Effective Date.

ASSIGNOR:
Huntsman Petrochemical LLC

ASSIGNEE:
Indorama Ventures Oxides LLC

By: _____
Name: _____
Title: _____

By: Mohita
Name: Satyanarayan Mohta
Title: Director

STATE OF North Carolina)
) SS.
COUNTY OF Mecklenburg)

On the 31st day of December, 2019, before me personally appeared Satyanarayan mohta, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the foregoing instrument, who, being duly sworn, did depose and say that he/she executed the same, and acknowledged the instrument to be for the uses and purposes mentioned in the instrument.

Melody A. Heller

Notary Public

Melody A. Heller

Typed, printed or stamped name of Notary Public

My Commission Expires:

MELODY A. HELLER
NOTARY PUBLIC
CATAWBA COUNTY
NORTH CAROLINA
MY COMMISSION EXPIRES 2/28/2021

Schedule A

Docket No.	Country	Status	Case Type	App. Date	App. No.	Grant Date	Patent No.	Title
81486-1	AR - (Argentina)	Granted - (G)	REGULAR CASE TYPE - (REG)	8/18/2000	P000104313	2/29/2008	AR027841	PHOSPHATE ESTER BASED SURFACTANT ADJUVANTS AND COMPOSITIONS THEREOF
81486-1	AU - (Australia)	Granted - (G)	REGULAR CASE TYPE - (REG)	8/17/2000	2000069127	11/25/2004	775699	PHOSPHATE ESTER BASED SURFACTANT ADJUVANTS AND COMPOSITIONS THEREOF
81486-1	CA - (Canada)	Granted - (G)	REGULAR CASE TYPE - (REG)	8/17/2000	2379402	3/31/2009	2379402	PHOSPHATE ESTER BASED SURFACTANT ADJUVANTS AND COMPOSITIONS THEREOF
81486-1	VE - (Venezuela)	Filed - (F)	REGULAR CASE TYPE - (REG)	8/18/2000	1829-00			PHOSPHATE ESTER BASED SURFACTANT ADJUVANTS AND COMPOSITIONS THEREOF
81486-6	AR - (Argentina)	Granted - (G)	REGULAR CASE TYPE - (REG)	8/18/2000	000104314	3/29/2007	028633	POLYETHER DIAMINE BASED SURFACTANT ADJUVANTS AND COMPOSITIONS THEREOF
81486-6	CA - (Canada)	Granted - (G)	REGULAR CASE TYPE - (REG)	8/17/2000	2379318	12/23/2008	2379318	POLYETHER DIAMINE BASED SURFACTANT ADJUVANTS AND COMPOSITIONS THEREOF
81486-6	US - (United States)	Granted - (G)	REGULAR CASE TYPE - (REG)	8/17/2000	09/641228	7/16/2002	6420311	POLYETHER DIAMINE BASED SURFACTANT ADJUVANTS AND COMPOSITIONS THEREOF

81486-6	VE - (Venezuela)	Filed - (F)	REGULAR CASE TYPE - (REG)	8/18/2000	1824-00			POLYETHER DIAMINE BASED SURFACTANT ADJUVANTS AND COMPOSITIONS THEREOF
81522	US - (United States)	Granted - (G)	REGULAR CASE TYPE - (REG)	6/18/1999	09/335597	12/12/2000	6159915	PAINT AND COATING REMOVER
81527	IT - (Italy)	Granted - (G)	REGULAR CASE TYPE - (REG)	8/3/2000	502003901145158	6/25/2003	EP1216093	ADVANCES IN DEHYDROGENATION CATALYSIS
81527	US - (United States)	Granted - (G)	REGULAR CASE TYPE - (REG)	3/22/2000	09/533278	7/9/2002	6417135	ADVANCES IN DEHYDROGENATION CATALYSIS
81527 DIV	US - (United States)	Granted - (G)	REGULAR CASE TYPE - (REG)	5/7/2002	10/140178	3/2/2004	6700028	ADVANCES IN DEHYDROGENATION CATALYSIS
81534- C1	US - (United States)	Granted - (G)	REGULAR CASE TYPE - (REG)	6/18/2002	10/175535	5/3/2005	6887830	SURFACTANT ADJUVANTS USEFUL IN HERBICIDE COMPOSITIONS
81539	US - (United States)	Granted - (G)	REGULAR CASE TYPE - (REG)	4/26/2000	09/559841	5/13/2003	6562776	SOLID ALKYL BENZENE SULFONATES AND CLEANING COMPOSITIONS HAVING ENHANCED WATER HARDNESS TOLERANCE

81566	US - (United States)	Granted - (G)	REGULAR CASE TYPE - (REG)	9/25/2000	09/668961	7/22/2003	6596677	CLEANING COMPOSITIONS FOR HARD SURFACES (Amended)
81587	MX - (Mexico)	Granted - (G)	REGULAR CASE TYPE - (REG)	5/31/2002	PA/A/2003/010872	8/30/2007	248521	ADJUVANT COMPOSITIONS AND PESTICIDES
81587 DIV	CN - (China P.R.)	Granted - (G)	REGULAR CASE TYPE - (REG)	6/14/2005	200510078117.2	5/13/2009	CN100486432C	ADJUVANT COMPOSITIONS AND PESTICIDES
81611	US - (United States)	Granted - (G)	REGULAR CASE TYPE - (REG)	10/3/2002	10/263547	3/7/2006	7008914	ALKYLBENZENE DETERGENTS WITH HIGH 2-ISOMER CONTENT
81645	US - (United States)	Granted - (G)	REGULAR CASE TYPE - (REG)	1/25/2005	10/586803	6/22/2010	7741264	Surface Active Polymers as Detergents
81648	BR - (Brazil)	Filed - (F)	REGULAR CASE TYPE - (REG)	3/3/2005	PI0507820-2			Crop Oil Concentrate Adjuvants containing Amine Surfactants
81648	CA - (Canada)	Granted - (G)	REGULAR CASE TYPE - (REG)	3/3/2005	2557192	6/25/2013	2557192	Crop Oil Concentrate Adjuvants containing Amine Surfactants

81648	MX - (Mexico)	Granted - (G)	REGULAR CASE TYPE - (REG)	3/3/2005	PA/a/2006/009888	12/6/2011	293204	Crop Oil Concentrate Adjuvants containing Amine Surfactants
81648	US - (United States)	Granted - (G)	REGULAR CASE TYPE - (REG)	3/3/2005	10/591266	7/1/2014	8765637	Crop Oil Concentrate Adjuvants containing Amine Surfactants
81648 DIV	AU - (Australia)	Granted - (G)	REGULAR CASE TYPE - (REG)	6/23/2011	2011203046	4/5/2012	2011203046	Crop Oil Concentrate Adjuvants containing Amine Surfactants
81648 DIV	US - (United States)	Granted - (G)	REGULAR CASE TYPE - (REG)	5/15/2014	14/278058	9/6/2016	9433208	Crop Oil Concentrate Adjuvants containing Amine Surfactants
81653	BR - (Brazil)	Granted - (G)	REGULAR CASE TYPE - (REG)	8/11/2004	PI0418061-5	1/22/2019	PI0418061-5	Novel Acyllalkylisethionate Esters and Applications in Consumer Products
81653	CA - (Canada)	Granted - (G)	REGULAR CASE TYPE - (REG)	8/11/2004	2552869	5/14/2013	2552869	Novel Acyllalkylisethionate Esters and Applications in Consumer Products
81653	CN - (China P.R.)	Granted - (G)	REGULAR CASE TYPE - (REG)	8/11/2004	200480040682.3	1/6/2016	ZL200480040682.3	Novel Acyllalkylisethionate Esters and Applications in Consumer Products

81653	DE - (Germany)	Granted - (G)	REGULAR CASE TYPE - (REG)	8/11/2004	04780752.4	1/10/2018	602004052276.7	Novel Acylalkylisethionate Esters and Applications in Consumer Products
81653	ES - (Spain)	Granted - (G)	REGULAR CASE TYPE - (REG)	8/11/2004	04780752.4	1/10/2018	1706476	Novel Acylalkylisethionate Esters and Applications in Consumer Products
81653	FR - (France)	Granted - (G)	REGULAR CASE TYPE - (REG)	8/11/2004	04780752.4	1/10/2018	1706476	Novel Acylalkylisethionate Esters and Applications in Consumer Products
81653	GB - (Great Britain)	Granted - (G)	REGULAR CASE TYPE - (REG)	8/11/2004	04780752.4	1/10/2018	1706476	Novel Acylalkylisethionate Esters and Applications in Consumer Products
81653	ID - (Indonesia)	Granted - (G)	REGULAR CASE TYPE - (REG)	8/11/2004	W-00200602021	12/30/2013	IDP000035274	Novel Acylalkylisethionate Esters and Applications in Consumer Products
81653	IT - (Italy)	Granted - (G)	REGULAR CASE TYPE - (REG)	8/11/2004	502018000009188	1/10/2018	1706476	Novel Acylalkylisethionate Esters and Applications in Consumer Products
81653	JP - (Japan)	Granted - (G)	REGULAR CASE TYPE - (REG)	8/11/2004	2006-549230	11/16/2012	5132154	Novel Acylalkylisethionate Esters and Applications in Consumer Products

81653	MX - (Mexico)	Granted - (G)	REGULAR CASE TYPE - (REG)	8/11/2004	PA/a/2006/008178	6/17/2010	276691	Novel Acylalkylisethionate Esters and Applications in Consumer Products
81653	NZ - (New Zealand)	Granted - (G)	REGULAR CASE TYPE - (REG)	8/11/2004	548386	3/11/2010	548386	Novel Acylalkylisethionate Esters and Applications in Consumer Products
81653	US - (United States)	Granted - (G)	REGULAR CASE TYPE - (REG)	8/11/2004	10/586027	8/30/2011	8008239	Novel Acylalkylisethionate Esters and Applications in Consumer Products
81653	VN - (Vietnam)	Granted - (G)	REGULAR CASE TYPE - (REG)	8/11/2004	1-2006-01325	11/4/2013	11984	Novel Acylalkylisethionate Esters and Applications in Consumer Products
81653 DIV	SG - (Singapore)	Granted - (G)	REGULAR CASE TYPE - (REG)	1/20/2009	200900410-2	6/29/2012	149866	Novel Acylalkylisethionate Esters and Applications in Consumer Products
81653 DIV	US - (United States)	Granted - (G)	REGULAR CASE TYPE - (REG)	6/28/2011	13/171039	3/21/2017	9598358	Novel Acylalkylisethionate Esters and Applications in Consumer Products
81653 DIV2	SG - (Singapore)	Granted - (G)	REGULAR CASE TYPE - (REG)	5/18/2012	201203663-8	10/7/2015	181370	Novel Acylalkylisethionate Esters and Applications in Consumer Products

81657	AU - (Australia)	Granted - (G)	REGULAR CASE TYPE - (REG)	5/31/2005	2005280592	2/1/2012	2005280592	Alkaline Earth Based Alkoxylation Catalysts
81657	CA - (Canada)	Granted - (G)	REGULAR CASE TYPE - (REG)	5/31/2005	2577935	2/12/2013	2577935	Alkaline Earth Based Alkoxylation Catalysts
81657	CN - (China P.R.)	Granted - (G)	REGULAR CASE TYPE - (REG)	5/31/2005	200580033555.5	1/9/2013	ZL200580033555.5	Alkaline Earth Based Alkoxylation Catalysts
81657	DE - (Germany)	Granted - (G)	REGULAR CASE TYPE - (REG)	5/31/2005	05754938.8	8/29/2018	602005054509.3	Alkaline Earth Based Alkoxylation Catalysts
81657	GB - (Great Britain)	Granted - (G)	REGULAR CASE TYPE - (REG)	5/31/2005	05754938.8	8/29/2018	1778397	Alkaline Earth Based Alkoxylation Catalysts
81657	IN - (India)	Granted - (G)	REGULAR CASE TYPE - (REG)	5/31/2005	791/CHENP/2007	1/22/2014	258573	Alkaline Earth Based Alkoxylation Catalysts
81657	JP - (Japan)	Granted - (G)	REGULAR CASE TYPE - (REG)	5/31/2005	529827/07	4/20/2012	4977609	Alkaline Earth Based Alkoxylation Catalysts

81657	KR - (South Korea)	Granted - (G)	REGULAR CASE TYPE - (REG)	5/31/2005	2007-7004415	11/29/2012	1208742	Alkaline Earth Based Alkoxylation Catalysts
81657	MX - (Mexico)	Granted - (G)	REGULAR CASE TYPE - (REG)	5/31/2005	MX/a/2007/002333	5/4/2010	275686	Alkaline Earth Based Alkoxylation Catalysts
81657	SG - (Singapor e)	Granted - (G)	REGULAR CASE TYPE - (REG)	5/31/2005	200701288-3	12/31/2007	131157	Alkaline Earth Based Alkoxylation Catalysts
81657	US - (United States)	Granted - (G)	REGULAR CASE TYPE - (REG)	5/31/2005	11/661064	12/8/2009	7629487	Alkaline Earth Based Alkoxylation Catalysts
81659	AU - (Australia)	Granted - (G)	REGULAR CASE TYPE - (REG)	9/29/2005	2005294595	5/3/2012	2005294595	High Load Glyphosate Formulations
81659	CA - (Canada)	Granted - (G)	REGULAR CASE TYPE - (REG)	9/29/2005	2583124	6/2/2015	2583124	High Load Glyphosate Formulations
81659	IN - (India)	Filed - (F)	REGULAR CASE TYPE - (REG)	9/29/2005	1359/CHENP/2007			High Load Glyphosate Formulations

81659	MX - (Mexico)	Granted - (G)	REGULAR CASE TYPE - (REG)	9/29/2005	MX/a/2007/004054	8/3/2012	301967	High Load Glyphosate Formulations
81659	US - (United States)	Granted - (G)	REGULAR CASE TYPE - (REG)	9/29/2005	11/664457	5/7/2013	8435927	High Load Glyphosate Formulations
81659 DIV	JP - (Japan)	Granted - (G)	REGULAR CASE TYPE - (REG)	7/20/2012	2012-161417	12/11/2015	5852936	High Load Glyphosate Formulations
81664	US - (United States)	Granted - (G)	REGULAR CASE TYPE - (REG)	3/10/2006	11/372501	12/23/2008	7467633	Enhanced Solubilization using Extended Chain Surfactants
81672	AU - (Australia)	Granted - (G)	REGULAR CASE TYPE - (REG)	3/15/2007	2007227608	2/29/2012	2007227608	Comb Polymer Derivatives of Polyetheramines Useful as Agricultural Dispersants
81672	CA - (Canada)	Granted - (G)	REGULAR CASE TYPE - (REG)	3/15/2007	2644698	6/3/2014	2644698	Comb Polymer Derivatives of Polyetheramines Useful as Agricultural Dispersants
81672	CN - (China P.R.)	Granted - (G)	REGULAR CASE TYPE - (REG)	3/15/2007	200780015276.5	11/28/2012	ZL200780015276.5	Comb Polymer Derivatives of Polyetheramines Useful as Agricultural Dispersants

81672	DE - (Germany)	Granted - (G)	REGULAR CASE TYPE - (REG)	3/15/2007	07753091.3	8/22/2018	602007055849.2	Comb Polymer Derivatives of Polyetheramines Useful as Agricultural Dispersants
81672	ES - (Spain)	Granted - (G)	REGULAR CASE TYPE - (REG)	3/15/2007	07753091.3	8/22/2018	1996024	Comb Polymer Derivatives of Polyetheramines Useful as Agricultural Dispersants
81672	FR - (France)	Granted - (G)	REGULAR CASE TYPE - (REG)	3/15/2007	07753091.3	8/22/2018	1996024	Comb Polymer Derivatives of Polyetheramines Useful as Agricultural Dispersants
81672	GB - (Great Britain)	Granted - (G)	REGULAR CASE TYPE - (REG)	3/15/2007	07753091.3	8/22/2018	1996024	Comb Polymer Derivatives of Polyetheramines Useful as Agricultural Dispersants
81672	IT - (Italy)	Granted - (G)	REGULAR CASE TYPE - (REG)	3/15/2007	502018000034250	8/22/2018	EP1996024	Comb Polymer Derivatives of Polyetheramines Useful as Agricultural Dispersants
81672	JP - (Japan)	Granted - (G)	REGULAR CASE TYPE - (REG)	3/15/2007	500459/09	7/12/2013	5315231	Comb Polymer Derivatives of Polyetheramines Useful as Agricultural Dispersants
81672	MX - (Mexico)	Granted - (G)	REGULAR CASE TYPE - (REG)	3/15/2007	MX/a/2008/011697	6/20/2013	310672	Comb Polymer Derivatives of Polyetheramines Useful as Agricultural Dispersants

81672	PL - (Poland)	Granted - (G)	REGULAR CASE TYPE - (REG)	3/15/2007	07753091.3	8/22/2018	1996024	Comb Polymer Derivatives of Polyetheramines Useful as Agricultural Dispersants
81672	US - (United States)	Granted - (G)	REGULAR CASE TYPE - (REG)	3/15/2007	11/726200	8/21/2012	8247353	Comb Polymer Derivatives of Polyetheramines Useful as Agricultural Dispersants
81672 DIV	MX - (Mexico)	Granted - (G)	REGULAR CASE TYPE - (REG)	5/7/2013	MX/a/2013/005097	7/31/2014	322453	Comb Polymer Derivatives of Polyetheramines Useful as Agricultural Dispersants
81672 DIV	US - (United States)	Granted - (G)	REGULAR CASE TYPE - (REG)	6/22/2012	13/530379	4/16/2013	8420573	Comb Polymer Derivatives of Polyetheramines Useful as Agricultural Dispersants
81679	AU - (Australia)	Granted - (G)	REGULAR CASE TYPE - (REG)	5/25/2007	2007267026	9/13/2012	2007267026	Low Odor, Low Volatility Solvent for Agricultural Chemicals
81679	BR - (Brazil)	Granted - (G)	REGULAR CASE TYPE - (REG)	5/25/2007	PI0711219-0	7/5/2016	PI0711219-0	Low Odor, Low Volatility Solvent for Agricultural Chemicals
81679	CA - (Canada)	Granted - (G)	REGULAR CASE TYPE - (REG)	5/25/2007	2651743	8/16/2016	2651743	Low Odor, Low Volatility Solvent for Agricultural Chemicals

81679	CN - (China P.R.)	Granted - (G)	REGULAR CASE TYPE - (REG)	5/25/2007	200780019408.1	10/30/2013	ZL200780019408.1	Low Odor, Low Volatility Solvent for Agricultural Chemicals
81679	DE - (Germany)	Granted - (G)	REGULAR CASE TYPE - (REG)	5/25/2007	07784162.5	8/22/2018	602007055856.5	Low Odor, Low Volatility Solvent for Agricultural Chemicals
81679	ES - (Spain)	Granted - (G)	REGULAR CASE TYPE - (REG)	5/25/2007	07784162.5	8/22/2018	2031966	Low Odor, Low Volatility Solvent for Agricultural Chemicals
81679	FR - (France)	Granted - (G)	REGULAR CASE TYPE - (REG)	5/25/2007	07784162.5	8/22/2018	2031966	Low Odor, Low Volatility Solvent for Agricultural Chemicals
81679	GB - (Great Britain)	Granted - (G)	REGULAR CASE TYPE - (REG)	5/25/2007	07784162.5	8/22/2018	2031966	Low Odor, Low Volatility Solvent for Agricultural Chemicals
81679	IT - (Italy)	Granted - (G)	REGULAR CASE TYPE - (REG)	5/25/2007	502018000034241	8/22/2018	2031966	Low Odor, Low Volatility Solvent for Agricultural Chemicals
81679	US - (United States)	Granted - (G)	REGULAR CASE TYPE - (REG)	5/25/2007	12/300482	10/30/2012	8298992	Low Odor, Low Volatility Solvent for Agricultural Chemicals

81684	CA - (Canada)	Granted - (G)	REGULAR CASE TYPE - (REG)	5/1/2007	2649624	1/6/2015	2649624	Process Compositions and Production of Acyl Alkylisethionate Compositions
81684	CN - (China P.R.)	Granted - (G)	REGULAR CASE TYPE - (REG)	5/1/2007	200780021328.X	5/1/2013	ZL200780021328.X	Process Compositions and Production of Acyl Alkylisethionate Compositions
81684	DE - (Germany)	Granted - (G)	REGULAR CASE TYPE - (REG)	5/1/2007	07794447.8	10/2/2013	602007033145.5	Process Compositions and Production of Acyl Alkylisethionate Compositions
81684	ES - (Spain)	Granted - (G)	REGULAR CASE TYPE - (REG)	5/1/2007	07794447.8	10/2/2013	2021445	Process Compositions and Production of Acyl Alkylisethionate Compositions
81684	FR - (France)	Granted - (G)	REGULAR CASE TYPE - (REG)	5/1/2007	07794447.8	10/2/2013	2021445	Process Compositions and Production of Acyl Alkylisethionate Compositions
81684	GB - (Great Britain)	Granted - (G)	REGULAR CASE TYPE - (REG)	5/1/2007	07794447.8	10/2/2013	2021445	Process Compositions and Production of Acyl Alkylisethionate Compositions
81684	IN - (India)	Granted - (G)	REGULAR CASE TYPE - (REG)	5/1/2007	5932/CHENP/2008	10/26/2015	269488	Process Compositions and Production of Acyl Alkylisethionate Compositions

81684	IT - (Italy)	Granted - (G)	REGULAR CASE TYPE - (REG)	5/1/2007	502013902220994	10/2/2013	2021445	Process Compositions and Production of Acyl Alkylisethionate Compositions
81684	MX - (Mexico)	Granted - (G)	REGULAR CASE TYPE - (REG)	5/1/2007	MX/a/2008/013861	3/15/2013	307908	Process Compositions and Production of Acyl Alkylisethionate Compositions
81684	NL - (Netherland)	Granted - (G)	REGULAR CASE TYPE - (REG)	5/1/2007	07794447.8	10/2/2013	2021445	Process Compositions and Production of Acyl Alkylisethionate Compositions
81684	PL - (Poland)	Granted - (G)	REGULAR CASE TYPE - (REG)	5/1/2007	07794447.8	10/2/2013	2021445	Process Compositions and Production of Acyl Alkylisethionate Compositions
81684	TR - (Turkey)	Granted - (G)	REGULAR CASE TYPE - (REG)	5/1/2007	07794447.8	10/2/2013	TR201314286T4	Process Compositions and Production of Acyl Alkylisethionate Compositions
81684	US - (United States)	Granted - (G)	REGULAR CASE TYPE - (REG)	5/1/2007	12/298635	1/31/2012	8105993	Process Compositions and Production of Acyl Alkylisethionate Compositions
81684 DIV	CN - (China P.R.)	Granted - (G)	REGULAR CASE TYPE - (REG)	2/8/2013	201310049959.X	11/18/2015	ZL201310049959.X	Process Compositions and Production of Acyl Alkylisethionate Compositions

81684 DIV	MX - (Mexico)	Granted - (G)	REGULAR CASE TYPE - (REG)	1/18/2013	MX/a/2013/000746	6/24/2015	331010	Process Compositions and Production of Acyl Alkylisethionate Compositions
81684 DIV	SG - (Singapore)	Granted - (G)	REGULAR CASE TYPE - (REG)	5/3/2011	201103122-6	5/23/2014	185165	Process Compositions and Production of Acyl Alkylisethionate Compositions
81684 DIV	US - (United States)	Granted - (G)	REGULAR CASE TYPE - (REG)	12/20/2011	13/330782	11/12/2013	8580723	Process Compositions and Production of Acyl Alkylisethionate Compositions
81684 DIV2	SG - (Singapore)	Granted - (G)	REGULAR CASE TYPE - (REG)	2/20/2014	2014012785	6/5/2015	201401278-5	Process Compositions and Production of Acyl Alkylisethionate Compositions
81688	CA - (Canada)	Granted - (G)	REGULAR CASE TYPE - (REG)	9/20/2007	2663446	5/26/2015	2663446	Pesticide Formulations with Streaming Birefringence
81688	MX - (Mexico)	Granted - (G)	REGULAR CASE TYPE - (REG)	9/20/2007	MX/A/2009/003015	9/20/2016	341805	Pesticide Formulations with Streaming Birefringence
81688- C1	US - (United States)	Granted - (G)	REGULAR CASE TYPE - (REG)	2/2/2012	13/364774	8/30/2016	9426987	Pesticide Formulations with Streaming Birefringence

81689	AR - (Argentina)	Granted - (G)	REGULAR CASE TYPE - (REG)	9/24/2007	P070104199	10/17/2017	AR062952B1	Ostwald Ripening Inhibition in Suspension Concentrates
81689	BR - (Brazil)	Filed - (F)	REGULAR CASE TYPE - (REG)	9/21/2007	PI0715292-2			Ostwald Ripening Inhibition in Chemical Formulations
81689	CA - (Canada)	Granted - (G)	REGULAR CASE TYPE - (REG)	9/21/2007	2663225	8/19/2014	2663225	Ostwald Ripening Inhibition in Chemical Formulations
81689	DE - (Germany)	Granted - (G)	REGULAR CASE TYPE - (REG)	9/21/2007	07853586.1	9/5/2018	602007056074.8	Ostwald Ripening Inhibition in Chemical Formulations
81689	ES - (Spain)	Granted - (G)	REGULAR CASE TYPE - (REG)	9/21/2007	07853586.1	9/5/2018	2104422	Ostwald Ripening Inhibition in Chemical Formulations
81689	FR - (France)	Granted - (G)	REGULAR CASE TYPE - (REG)	9/21/2007	07853586.1	9/5/2018	2104422	Ostwald Ripening Inhibition in Chemical Formulations
81689	GB - (Great Britain)	Granted - (G)	REGULAR CASE TYPE - (REG)	9/21/2007	07853586.1	9/5/2018	2104422	Ostwald Ripening Inhibition in Chemical Formulations

81689	IT - (Italy)	Granted - (G)	REGULAR CASE TYPE - (REG)	9/21/2007	502018000035308	9/5/2018	2104422	Ostwald Ripening Inhibition in Chemical Formulations
81689	MX - (Mexico)	Granted - (G)	REGULAR CASE TYPE - (REG)	9/21/2007	MX/a/2009/002889	7/18/2013	311485	Ostwald Ripening Inhibition in Chemical Formulations
81689	PL - (Poland)	Granted - (G)	REGULAR CASE TYPE - (REG)	9/21/2007	07853586.1	9/5/2018	2104422	Ostwald Ripening Inhibition in Chemical Formulations
81689	US - (United States)	Filed - (F)	REGULAR CASE TYPE - (REG)	9/21/2007	12/441844			Ostwald Ripening Inhibition in Chemical Formulations
81691	AR - (Argentina)	Granted - (G)	REGULAR CASE TYPE - (REG)	10/9/2007	P070104451	6/29/2016	AR063174B1	Liquid Crystal Pesticide Formulations
81691	BR - (Brazil)	Filed - (F)	REGULAR CASE TYPE - (REG)	10/9/2007	PI0715316-3			Liquid Crystal Pesticide Formulations
81691	CA - (Canada)	Granted - (G)	REGULAR CASE TYPE - (REG)	10/9/2007	2665144	6/3/2014	2665144	Liquid Crystal Pesticide Formulations

81691	MX - (Mexico)	Granted - (G)	REGULAR CASE TYPE - (REG)	10/9/2007	MX/a/2009/003777	11/13/2013	315287	Liquid Crystal Pesticide Formulations
81691	US - (United States)	Granted - (G)	REGULAR CASE TYPE - (REG)	10/9/2007	12/444477	10/16/2012	8288317	Liquid CrystalAgrochemical Formulations
81703	AR - (Argentin a)	Granted - (G)	REGULAR CASE TYPE - (REG)	12/22/2008	P080105657	5/31/2017	AR071743B1	Method of Preparing Amidoamine Alkoxylates and Compositions Thereof
81703	BR - (Brazil)	Granted - (G)	REGULAR CASE TYPE - (REG)	12/19/2008	PI0819516-1	6/18/2019	PI0819516-1	Method of Preparing Amidoamine Alkoxylates and Compositions Thereof
81703	CA - (Canada)	Granted - (G)	REGULAR CASE TYPE - (REG)	12/19/2008	2709534	6/28/2016	2709534	Method of Preparing Amidoamine Alkoxylates and Compositions Thereof
81703	DE - (Germany)	Granted - (G)	REGULAR CASE TYPE - (REG)	12/19/2008	08864455.4	7/4/2018	602008055889.4	Method of Preparing Amidoamine Alkoxylates and Compositions Thereof
81703	ES - (Spain)	Granted - (G)	REGULAR CASE TYPE - (REG)	12/19/2008	08864455.4	7/4/2018	2235134	Method of Preparing Amidoamine Alkoxylates and Compositions Thereof

81703	FR - (France)	Granted - (G)	REGULAR CASE TYPE - (REG)	12/19/2008	08864455.4	7/4/2018	2235134	Method of Preparing Amidoamine Alkoxylates and Compositions Thereof
81703	GB - (Great Britain)	Granted - (G)	REGULAR CASE TYPE - (REG)	12/19/2008	08864455.4	7/4/2018	2235134	Method of Preparing Amidoamine Alkoxylates and Compositions Thereof
81703	IT - (Italy)	Granted - (G)	REGULAR CASE TYPE - (REG)	12/19/2008	502018000024704	7/4/2018	2235134	Method of Preparing Amidoamine Alkoxylates and Compositions Thereof
81703	MX - (Mexico)	Granted - (G)	REGULAR CASE TYPE - (REG)	12/19/2008	MX/a/2010/006733	2/28/2017	345962	Method of Preparing Amidoamine Alkoxylates and Compositions Thereof
81703	PL - (Poland)	Granted - (G)	REGULAR CASE TYPE - (REG)	12/19/2008	08864455.4	7/4/2018	2235134	Method of Preparing Amidoamine Alkoxylates and Compositions Thereof
81703 C1	US - (United States)	Filed - (F)	REGULAR CASE TYPE - (REG)	6/15/2018	16/009,702			Method of Preparing Amidoamine Alkoxylates and Compositions Thereof
81703 DIV	BR - (Brazil)	Filed - (F)	REGULAR CASE TYPE - (REG)	12/21/2018	BR 12 2018 076834 7			Method of Preparing Amidoamine Alkoxylates and Compositions Thereof

81703 DIV	CA - (Canada)	Filed - (F)	REGULAR CASE TYPE - (REG)	3/31/2016	2925709			Method of Preparing Amidoamine Alkoxylates and Compositions Thereof
81703 DIV	JP - (Japan)	Granted - (G)	REGULAR CASE TYPE - (REG)	1/21/2014	008389/14	9/11/2015	5806345	Method of Preparing Amidoamine Alkoxylates and Compositions Thereof
81703 DIV	US - (United States)	Filed - (F)	REGULAR CASE TYPE - (REG)	9/17/2015	14/857507			Method of Preparing Amidoamine Alkoxylates and Compositions Thereof
81703 DIV2	AU - (Australia)	Granted - (G)	REGULAR CASE TYPE - (REG)	5/6/2015	2015202443	6/30/2016	2015202443	Method of Preparing Amidoamine Alkoxylates and Compositions Thereof
81703 DIV2	JP - (Japan)	Granted - (G)	REGULAR CASE TYPE - (REG)	7/7/2015	2015-135907	3/3/2017	6099217	Method of Preparing Amidoamine Alkoxylates
81728	AU - (Australia)	Granted - (G)	REGULAR CASE TYPE - (REG)	4/23/2010	2010238686	2/5/2015	2010238686	Nitrogen Containing Isethionic Acid Salts in Field Ready Spray and Tank Mixes
81728	AU - (Australia)	Granted - (G)	REGULAR CASE TYPE - (REG)	4/23/2010	2010238687	2/25/2016	2010238687	Nitrogen Containing Isethionic Acid Salt in Registerable, Stable Agricultural Formulations

81728	BR - (Brazil)	Filed - (F)	REGULAR CASE TYPE - (REG)	4/23/2010	PI1014594-0			Nitrogen Containing Isethionic Acid Salt in Registerable, Stable Agricultural Formulations
81728	BR - (Brazil)	Filed - (F)	REGULAR CASE TYPE - (REG)	4/23/2010	PI1015337-3			Nitrogen Containing Isethionic Acid Salts in Field Ready Spray and Tank Mixes
81728	CA - (Canada)	Granted - (G)	REGULAR CASE TYPE - (REG)	4/23/2010	2759702	9/26/2017	2759702	Nitrogen Containing Isethionic Acid Salt in Registerable, Stable Agricultural Formulations
81728	CA - (Canada)	Granted - (G)	REGULAR CASE TYPE - (REG)	4/23/2010	2759265	11/29/2016	2759265	Nitrogen Containing Isethionic Acid Salts in Field Ready Spray and Tank Mixes
81728	CN - (China P.R.)	Granted - (G)	REGULAR CASE TYPE - (REG)	4/23/2010	201080017822.0	6/22/2016	ZL201080017822.0	Nitrogen Containing Isethionic Acid Salts in Field Ready Spray and Tank Mixes
81728	CN - (China P.R.)	Granted - (G)	REGULAR CASE TYPE - (REG)	4/23/2010	201080017821.6	1/6/2016	ZL201080017821.6	Nitrogen Containing Isethionic Acid Salt in Registerable, Stable Agricultural Formulations
81728	DE - (Germany)	Granted - (G)	REGULAR CASE TYPE - (REG)	4/23/2010	10767807.0	8/24/2016	602010035822.4	Nitrogen Containing Isethionic Acid Salts in Field Ready Spray and Tank Mixes

81728	DE - (Germany)	Granted - (G)	REGULAR CASE TYPE - (REG)	4/23/2010	10767808.8	7/26/2017	602010043901.1	Nitrogen Containing Isethionic Acid Salt in Registerable, Stable Agricultural Formulations
81728	ES - (Spain)	Granted - (G)	REGULAR CASE TYPE - (REG)	4/23/2010	10767808.8	7/26/2017	2421821	Nitrogen Containing Isethionic Acid Salt in Registerable, Stable Agricultural Formulations
81728	ES - (Spain)	Granted - (G)	REGULAR CASE TYPE - (REG)	4/23/2010	10767807.0	8/24/2016	2421365	Nitrogen Containing Isethionic Acid Salts in Field Ready Spray and Tank Mixes
81728	FR - (France)	Granted - (G)	REGULAR CASE TYPE - (REG)	4/23/2010	10767808.8	7/26/2017	2421821	Nitrogen Containing Isethionic Acid Salt in Registerable, Stable Agricultural Formulations
81728	FR - (France)	Granted - (G)	REGULAR CASE TYPE - (REG)	4/23/2010	10767807.0	8/24/2016	2421365	Nitrogen Containing Isethionic Acid Salts in Field Ready Spray and Tank Mixes
81728	GB - (Great Britain)	Granted - (G)	REGULAR CASE TYPE - (REG)	4/23/2010	10767808.8	7/26/2017	2421821	Nitrogen Containing Isethionic Acid Salt in Registerable, Stable Agricultural Formulations
81728	GB - (Great Britain)	Granted - (G)	REGULAR CASE TYPE - (REG)	4/23/2010	10767807.0	8/24/2016	2421365	Nitrogen Containing Isethionic Acid Salts in Field Ready Spray and Tank Mixes

81728	IT - (Italy)	Granted - (G)	REGULAR CASE TYPE - (REG)	4/23/2010	502017000109692	7/26/2017	2421821	Nitrogen Containing Isethionic Acid Salt in Registerable, Stable Agricultural Formulations
81728	IT - (Italy)	Granted - (G)	REGULAR CASE TYPE - (REG)	4/23/2010	502016000117856	8/24/2016	2421365	Nitrogen Containing Isethionic Acid Salts in Field Ready Spray and Tank Mixes
81728	JP - (Japan)	Granted - (G)	REGULAR CASE TYPE - (REG)	4/23/2010	507404/12	8/29/2014	5602834	Nitrogen Containing Isethionic Acid Salt in Registerable, Stable Agricultural Formulations
81728	JP - (Japan)	Granted - (G)	REGULAR CASE TYPE - (REG)	4/23/2010	2012-507403	7/11/2014	5576475	Nitrogen Containing Isethionic Acid Salts in Field Ready Spray and Tank Mixes
81728	MX - (Mexico)	Granted - (G)	REGULAR CASE TYPE - (REG)	4/23/2010	MX/a/2011/011203	2/6/2015	327604	Nitrogen Containing Isethionic Acid Salt in Registerable, Stable Agricultural Formulations
81728	MX - (Mexico)	Granted - (G)	REGULAR CASE TYPE - (REG)	4/23/2010	MX/a/2011/011120	9/30/2016	342473	Nitrogen Containing Isethionic Acid Salts in Field Ready Spray and Tank Mixes
81728	US - (United States)	Granted - (G)	REGULAR CASE TYPE - (REG)	4/23/2010	13/264465	10/14/2014	8859464	Nitrogen Containing Isethionic Acid Salts in Field Ready Spray and Tank Mixes

81728	US - (United States)	Granted - (G)	REGULAR CASE TYPE - (REG)	4/23/2010	13/264470	11/11/2014	8883685	Nitrogen Containing Isethionic Acid Salt in Registerable, Stable Agricultural Formulations
81728	US - (United States)	Granted - (G)	REGULAR CASE TYPE - (REG)	9/16/2014	14/487755	3/1/2016	9271488	Nitrogen Containing Isethionic Acid Salts in Field Ready Spray and Tank Mixes
81746	AR - (Argentina)	Filed - (F)	REGULAR CASE TYPE - (REG)	12/1/2011	P110104467			Low toxicity, low odor, low volatility solvent for agricultural formulations
81746	AU - (Australia)	Granted - (G)	REGULAR CASE TYPE - (REG)	11/29/2011	2011336820	9/24/2015	2011336820	Low toxicity, low odor, low volatility solvent for agricultural formulations
81746	BR - (Brazil)	Filed - (F)	REGULAR CASE TYPE - (REG)	11/29/2011	BR1120130123664			Low toxicity, low odor, low volatility solvent for agricultural formulations
81746	CA - (Canada)	Granted - (G)	REGULAR CASE TYPE - (REG)	11/29/2011	2818425	4/9/2019	2818425	Low toxicity, low odor, low volatility solvent for agricultural formulations
81746	MX - (Mexico)	Granted - (G)	REGULAR CASE TYPE - (REG)	11/29/2011	MX/a/2013/006000	6/10/2019	365626	Low toxicity, low odor, low volatility solvent for agricultural formulations

81746	US - (United States)	Filed - (F)	REGULAR CASE TYPE - (REG)	11/29/2011	13/989,115			Low Toxicity, Low Odor, Low Volatility Solvent for Agricultural Formulations
81752	BR - (Brazil)	Filed - (F)	REGULAR CASE TYPE - (REG)	9/19/2011	BR1120130071249			Surface Active Agents Derived from Biodiesel-based Alkylated Aromatic Compounds
81752	CA - (Canada)	Filed - (F)	REGULAR CASE TYPE - (REG)	9/19/2011	2812053			Surface Active Agents Derived from Biodiesel-based Alkylated Aromatic Compounds
81752	CN - (China P.R.)	Granted - (G)	REGULAR CASE TYPE - (REG)	9/19/2011	201180046677.3	12/24/2014	ZL201180046677.3	Surface Active Agents Derived from Biodiesel-based Alkylated Aromatic Compounds
81752	DE - (Germany)	Granted - (G)	REGULAR CASE TYPE - (REG)	9/19/2011	11832956.4	11/15/2017	602011043461.6	Surface Active Agents Derived from Biodiesel-based Alkylated Aromatic Compounds
81752	GB - (Great Britain)	Granted - (G)	REGULAR CASE TYPE - (REG)	9/19/2011	11832956.4	11/15/2017	2622008	Surface Active Agents Derived from Biodiesel-based Alkylated Aromatic Compounds
81752	IN - (India)	Granted - (G)	REGULAR CASE TYPE - (REG)	9/19/2011	2384/CHENP/2013	2/28/2019	308331	Surface Active Agents Derived from Biodiesel-based Alkylated Aromatic Compounds

81752	JP - (Japan)	Granted - (G)	REGULAR CASE TYPE - (REG)	7/13/2016	2016-138388	1/5/2018	6267752	Surface Active Agents Derived from Biodiesel-based Alkylated Aromatic Compounds
81752	KR - (South Korea)	Granted - (G)	REGULAR CASE TYPE - (REG)	9/19/2011	10-2013-7009732	7/2/2018	10-1875376	Surface Active Agents Derived from Biodiesel-based Alkylated Aromatic Compounds
81752	MX - (Mexico)	Granted - (G)	REGULAR CASE TYPE - (REG)	9/19/2011	MX/a/2013/003315	1/5/2016	335954	Surface Active Agents Derived from Biodiesel-based Alkylated Aromatic Compounds
81752	US - (United States)	Granted - (G)	REGULAR CASE TYPE - (REG)	9/19/2011	13/823022	10/27/2015	9169202	Surface Active Agents Derived from Biodiesel-based Alkylated Aromatic Compounds
81752 DIV	SG - (Singapor e)	Granted - (G)	REGULAR CASE TYPE - (REG)	9/29/2015	10201508079Q	2/27/2017	10201508079Q	Surface Active Agents Derived from Biodiesel-based Alkylated Aromatic Compounds
81752 DIV1	AU - (Australia)	Granted - (G)	REGULAR CASE TYPE - (REG)	1/13/2016	2016200200	11/30/2017	2016200200	Surface Active Agents Derived from Biodiesel-based Alkylated Aromatic Compounds
81752 DIV2	AU - (Australia)	Granted - (G)	REGULAR CASE TYPE - (REG)	8/9/2017	2017232088	12/13/2018	2017232088	Surface Active Agents Derived from Biodiesel-based Alkylated Aromatic Compounds

81752 DIV2	SG - (Singapore)	Granted - (G)	REGULAR CASE TYPE - (REG)	2/8/2017	10201700977Q	4/28/2018	10201700977Q	Surface Active Agents Derived from Biodiesel-based Alkylated Aromatic Compounds
81752 DIV2	US - (United States)	Granted - (G)	REGULAR CASE TYPE - (REG)	12/9/2016	15/374491	1/23/2018	9873664	Surface Active Agents Derived from Biodiesel-based Alkylated Aromatic Compounds
81759	AR - (Argentina)	Filed - (F)	REGULAR CASE TYPE - (REG)	4/18/2012	P120101321			Spray Drift Reduction Agents Comprising Low Hydrophilic- Lipophilic Balance Surfactants
81759	AU - (Australia)	Granted - (G)	REGULAR CASE TYPE - (REG)	4/5/2012	2012245869	3/17/2016	2012245869	Spray Drift Reduction Agents Comprising Low Hydrophilic- Lipophilic Balance Surfactants
81759	BR - (Brazil)	Filed - (F)	REGULAR CASE TYPE - (REG)	4/5/2012	BR1120130240830			Spray Drift Reduction Agents Comprising Low Hydrophilic- Lipophilic Balance Surfactants
81759	CA - (Canada)	Granted - (G)	REGULAR CASE TYPE - (REG)	4/5/2012	2830518	7/16/2019	2830518	Spray Drift Reduction Agents Comprising Low Hydrophilic- Lipophilic Balance Surfactants
81759	CN - (China P.R.)	Granted - (G)	REGULAR CASE TYPE - (REG)	4/5/2012	201280013357.2	3/22/2017	ZL201280013357.2	Spray Drift Reduction Agents Comprising Low Hydrophilic- Lipophilic Balance Surfactants

81759	DE - (Germany)	Granted - (G)	REGULAR CASE TYPE - (REG)	4/5/2012	12773871.4	9/4/2019	602012063661.0	Spray Drift Reduction Agents Comprising Low Hydrophilic- Lipophilic Balance Surfactants
81759	ES - (Spain)	Granted - (G)	REGULAR CASE TYPE - (REG)	4/5/2012	12773871.4	9/4/2019	2699089	Spray Drift Reduction Agents Comprising Low Hydrophilic- Lipophilic Balance Surfactants
81759	FR - (France)	Granted - (G)	REGULAR CASE TYPE - (REG)	4/5/2012	12773871.4	9/4/2019	2699089	Spray Drift Reduction Agents Comprising Low Hydrophilic- Lipophilic Balance Surfactants
81759	GB - (Great Britain)	Granted - (G)	REGULAR CASE TYPE - (REG)	4/5/2012	12773871.4	9/4/2019	2699089	Spray Drift Reduction Agents Comprising Low Hydrophilic- Lipophilic Balance Surfactants
81759	IT - (Italy)	Granted - (G)	REGULAR CASE TYPE - (REG)	4/5/2012	502019000091120	9/4/2019	2699089	Spray Drift Reduction Agents Comprising Low Hydrophilic- Lipophilic Balance Surfactants
81759	JP - (Japan)	Granted - (G)	REGULAR CASE TYPE - (REG)	4/5/2012	2014-506438	10/20/2017	6227524	Spray Drift Reduction Agents Comprising Low Hydrophilic- Lipophilic Balance Surfactants
81759	MX - (Mexico)	Granted - (G)	REGULAR CASE TYPE - (REG)	4/5/2012	MX/a/2013/011447	11/27/2017	352462	Spray Drift Reduction Agents Comprising Low Hydrophilic- Lipophilic Balance Surfactants

81759 DIV	JP - (Japan)	Granted - (G)	REGULAR CASE TYPE - (REG)	9/16/2016	2016-173434	10/27/2017	6230671	Spray Drift Reduction Agents Comprising Low Hydrophilic- Lipophilic Balance Surfactants
81759 DIV	US - (United States)	Granted - (G)	REGULAR CASE TYPE - (REG)	1/4/2016	14/987,126	11/13/2018	10,123,532	Spray Drift Reduction Agents Comprising Low Hydrophilic- Lipophilic Balance Surfactants
81781	AR - (Argentin a)	Filed - (F)	REGULAR CASE TYPE - (REG)	10/31/2013	P130103967			Polyamide and Polyimide Sticker Adjuvants
81781	AU - (Australia)	Granted - (G)	REGULAR CASE TYPE - (REG)	11/6/2013	2013338432	6/1/2017	2013338432	Polyamide and Polyimide Sticker Adjuvants
81781	BR - (Brazil)	Filed - (F)	REGULAR CASE TYPE - (REG)	11/6/2013	BR112015002986-8			Polyamide and Polyimide Sticker Adjuvants
81781	CA - (Canada)	Filed - (F)	REGULAR CASE TYPE - (REG)	11/6/2013	2879805			Polyamide and Polyimide Sticker Adjuvants
81781	CN - (China P.R.)	Granted - (G)	REGULAR CASE TYPE - (REG)	11/6/2013	201380043384.9	8/28/2018	ZL201380043384.9	Polyamide and Polyimide Sticker Adjuvants

81781	DE - (Germany)	Granted - (G)	REGULAR CASE TYPE - (REG)	11/6/2013	13851873.3	7/18/2018	602013040613.8	Polyamide and Polyimide Sticker Adjuvants
81781	ES - (Spain)	Granted - (G)	REGULAR CASE TYPE - (REG)	11/6/2013	13851873.3	7/18/2018	2914106	Polyamide and Polyimide Sticker Adjuvants
81781	FR - (France)	Granted - (G)	REGULAR CASE TYPE - (REG)	11/6/2013	13851873.3	7/18/2018	2914106	Polyamide and Polyimide Sticker Adjuvants
81781	GB - (Great Britain)	Granted - (G)	REGULAR CASE TYPE - (REG)	11/6/2013	13851873.3	7/18/2018	2914106	Polyamide and Polyimide Sticker Adjuvants
81781	IT - (Italy)	Granted - (G)	REGULAR CASE TYPE - (REG)	11/6/2013	502018000030066	7/18/2018	2914106	Polyamide and Polyimide Sticker Adjuvants
81781	JP - (Japan)	Granted - (G)	REGULAR CASE TYPE - (REG)	11/6/2013	2015-539657	1/19/2018	6275732	Polyamide and Polyimide Sticker Adjuvants
81781	MX - (Mexico)	Granted - (G)	REGULAR CASE TYPE - (REG)	11/6/2013	MX/a/2015/001876	10/10/2018	359760	Polyamide and Polyimide Sticker Adjuvants

81781	US - (United States)	Granted - (G)	REGULAR CASE TYPE - (REG)	11/6/2013	14/420916	6/6/2017	9668472	Polyamide and Polyimide Sticker Adjuvants
81781 DIV	MX - (Mexico)	Filed - (F)	REGULAR CASE TYPE - (REG)	9/7/2018	MX/a/2018/010880			Polyamide and Polyimide Sticker Adjuvants
81781 DIV	US - (United States)	Granted - (G)	REGULAR CASE TYPE - (REG)	12/8/2016	15/372461	7/10/2018	10015960	Polyamide and Polyimide Sticker Adjuvants
81783	CA - (Canada)	Filed - (F)	REGULAR CASE TYPE - (REG)	9/16/2013	2869502			Biodegradable chelating agents for enhanced oil recovery
81783	ID - (Indonesia)	Filed - (F)	REGULAR CASE TYPE - (REG)	9/16/2013	P-00201406250			Biodegradable chelating agents for enhanced oil recovery
81784	AR - (Argentina)	Granted - (G)	REGULAR CASE TYPE - (REG)	9/30/2013	P130103527	5/31/2019	AR092740B1	Surfactant formulation for release of underground fossil fluids
81784	AT - (Austria)	Granted - (G)	REGULAR CASE TYPE - (REG)	9/12/2013	13844058.1	2/13/2019	2903950	Cost performance ratio optimization of chemical enhanced oil recovery using a booster molecule, a co-surfactant and a co-solvent

81784	AU - (Australia)	Granted - (G)	REGULAR CASE TYPE - (REG)	9/12/2013	2013325154	1/12/2017	2013325154	Cost performance ratio optimization of chemical enhanced oil recovery using a booster molecule, a co-surfactant and a co-solvent
81784	BE - (Belgium)	Granted - (G)	REGULAR CASE TYPE - (REG)	9/12/2013	13844058.1	2/13/2019	2903950	Cost performance ratio optimization of chemical enhanced oil recovery using a booster molecule, a co-surfactant and a co-solvent
81784	BR - (Brazil)	Filed - (F)	REGULAR CASE TYPE - (REG)	9/12/2013	BR1120140255091			Cost performance ratio optimization of chemical enhanced oil recovery using a booster molecule, a co-surfactant and a co-solvent
81784	CA - (Canada)	Filed - (F)	REGULAR CASE TYPE - (REG)	9/12/2013	2869500			Cost performance ratio optimization of chemical enhanced oil recovery using a booster molecule, a co-surfactant and a co-solvent
81784	CN - (China P.R.)	Granted - (G)	REGULAR CASE TYPE - (REG)	9/12/2013	201380020002.0	11/9/2018	ZL201380020002.0	Cost performance ratio optimization of chemical enhanced oil recovery using a booster molecule, a co-surfactant and a co-solvent
81784	CO - (Colombia)	Granted - (G)	REGULAR CASE TYPE - (REG)	9/12/2013	14225911	6/18/2018	42503	Cost performance ratio optimization of chemical enhanced oil recovery using a booster molecule, a co-surfactant and a co-solvent
81784	DE - (Germany)	Granted - (G)	REGULAR CASE TYPE - (REG)	9/12/2013	13844058.1	2/13/2019	602013050830.5	Cost performance ratio optimization of chemical enhanced oil recovery using a booster molecule, a co-surfactant and a co-solvent

81784	ES - (Spain)	Granted - (G)	REGULAR CASE TYPE - (REG)	9/12/2013	13844058.1	2/13/2019	2903950	Cost performance ratio optimization of chemical enhanced oil recovery using a booster molecule, a co-surfactant and a co-solvent
81784	FR - (France)	Granted - (G)	REGULAR CASE TYPE - (REG)	9/12/2013	13844058.1	2/13/2019	2903950	Cost performance ratio optimization of chemical enhanced oil recovery using a booster molecule, a co-surfactant and a co-solvent
81784	GB - (Great Britain)	Granted - (G)	REGULAR CASE TYPE - (REG)	9/12/2013	13844058.1	2/13/2019	2903950	Cost performance ratio optimization of chemical enhanced oil recovery using a booster molecule, a co-surfactant and a co-solvent
81784	HU - (Hungary)	Granted - (G)	REGULAR CASE TYPE - (REG)	9/12/2013	13844058.1	2/13/2019	E041922	Cost performance ratio optimization of chemical enhanced oil recovery using a booster molecule, a co-surfactant and a co-solvent
81784	ID - (Indonesia)	Granted - (G)	REGULAR CASE TYPE - (REG)	9/12/2013	P-00201406200	3/6/2019	IDP000056991	Surfactant formulation for release of underground fossil fluids
81784	IN - (India)	Granted - (G)	REGULAR CASE TYPE - (REG)	9/12/2013	7605/CHENP/2014	6/28/2019	315104	Cost performance ratio optimization of chemical enhanced oil recovery using a booster molecule, a co-surfactant and a co-solvent
81784	IT - (Italy)	Granted - (G)	REGULAR CASE TYPE - (REG)	9/12/2013	502019000025307	2/13/2019	2903950	Cost performance ratio optimization of chemical enhanced oil recovery using a booster molecule, a co-surfactant and a co-solvent

81784	JP - (Japan)	Granted - (G)	REGULAR CASE TYPE - (REG)	9/12/2013	2015-534527	1/5/2018	6266628	Cost performance ratio optimization of chemical enhanced oil recovery using a booster molecule, a co-surfactant and a co-solvent
81784	MX - (Mexico)	Granted - (G)	REGULAR CASE TYPE - (REG)	9/12/2013	MX/a/2014/012133	3/8/2018	354494	Cost performance ratio optimization of chemical enhanced oil recovery using a booster molecule, a co-surfactant and a co-solvent
81784	MY - (Malaysia)	Granted - (G)	REGULAR CASE TYPE - (REG)	9/12/2013	PI2014002866	6/27/2018	MY-166469-A	Cost performance ratio optimization of chemical enhanced oil recovery using a booster molecule, a co-surfactant and a co-solvent
81784	NL - (Netherla nd)	Granted - (G)	REGULAR CASE TYPE - (REG)	9/12/2013	13844058.1	2/13/2019	2903950	Cost performance ratio optimization of chemical enhanced oil recovery using a booster molecule, a co-surfactant and a co-solvent
81784	NO - (Norway)	Granted - (G)	REGULAR CASE TYPE - (REG)	9/12/2013	13844058.1	2/13/2019	2903950	Cost performance ratio optimization of chemical enhanced oil recovery using a booster molecule, a co-surfactant and a co-solvent
81784	OM - (Oman)	Granted - (G)	REGULAR CASE TYPE - (REG)	9/12/2013	OM/P/2014/00219	10/29/2018	000154	Cost performance ratio optimization of chemical enhanced oil recovery using a booster molecule, a co-surfactant and a co-solvent
81784	RU - (Russian Federatio n)	Granted - (G)	REGULAR CASE TYPE - (REG)	9/12/2013	2014141374	10/18/2017	2633842	Cost performance ratio optimization of chemical enhanced oil recovery using a booster molecule, a co-surfactant and a co-solvent

81784	SG - (Singapore)	Granted - (G)	REGULAR CASE TYPE - (REG)	9/12/2013	11201406610V	6/30/2017	11201406610V	Cost performance ratio optimization of chemical enhanced oil recovery using a booster molecule, a co-surfactant and a co-solvent
81784	US - (United States)	Granted - (G)	REGULAR CASE TYPE - (REG)	9/12/2013	14/399417	6/5/2018	9988571	Surfactant Formulation For Release Of Underground Fossil Fluids
81784 DIV	JP - (Japan)	Granted - (G)	REGULAR CASE TYPE - (REG)	11/22/2017	2017-219828	2/15/2019	6479143	Cost performance ratio optimization of chemical enhanced oil recovery using a booster molecule, a co-surfactant and a co-solvent
81790	AR - (Argentina)	Filed - (F)	REGULAR CASE TYPE - (REG)	5/27/2014	P140102086			Use of glycolic acid salts in surfactant based enhanced oil recovery formulations and techniques
81790	AU - (Australia)	Granted - (G)	REGULAR CASE TYPE - (REG)	5/22/2014	2014274461	1/3/2018	2014274461	Use of glycolic acid salts in surfactant based enhanced oil recovery formulations and techniques
81790	BR - (Brazil)	Filed - (F)	REGULAR CASE TYPE - (REG)	5/22/2014	BR1120150152066			Use of glycolic acid salts in surfactant based enhanced oil recovery formulations and techniques
81790	CA - (Canada)	Filed - (F)	REGULAR CASE TYPE - (REG)	5/22/2014	2895540			Use of glycolic acid salts in surfactant based enhanced oil recovery formulations and techniques

81790	CN - (China P.R.)	Filed - (F)	REGULAR CASE TYPE - (REG)	5/22/2014	201480003799.8			Use of glycolic acid salts in surfactant based enhanced oil recovery formulations and techniques
81790	CO - (Colombia)	Granted - (G)	REGULAR CASE TYPE - (REG)	5/22/2014	15177238	3/29/2019	3984	Use of glycolic acid salts in surfactant based enhanced oil recovery formulations and techniques
81790	EP - (European Patent Conventio n)	Filed - (F)	REGULAR CASE TYPE - (REG)	5/22/2014	14804483.7			Use Of Organic Acids Or A Salt Thereof In Surfactant-Based Enhanced Oil Recovery Formulations And Techniques
81790	ID - (Indonesia)	Filed - (F)	REGULAR CASE TYPE - (REG)	5/22/2014	P-00201503956			Use of glycolic acid salts in surfactant based enhanced oil recovery formulations and techniques
81790	IN - (India)	Filed - (F)	REGULAR CASE TYPE - (REG)	5/22/2014	5429/DELNP/2015			Use of glycolic acid salts in surfactant based enhanced oil recovery formulations and techniques
81790	MX - (Mexico)	Filed - (F)	REGULAR CASE TYPE - (REG)	5/22/2014	MX/a/2015/008331			Use of glycolic acid salts in surfactant based enhanced oil recovery formulations and techniques
81790	MY - (Malaysia)	Granted - (G)	REGULAR CASE TYPE - (REG)	5/22/2014	PI2015001550	6/18/2019	MY-169942-A	Use of glycolic acid salts in surfactant based enhanced oil recovery formulations and techniques

81790	OA - (O.A.P.I)	Granted - (G)	REGULAR CASE TYPE - (REG)	5/22/2014	1201500292	12/22/2016	17447	Use of glycolic acid salts in surfactant based enhanced oil recovery formulations and techniques
81790	OM - (Oman)	Filed - (F)	REGULAR CASE TYPE - (REG)	5/22/2014	OM/P/2015/00257			Use of glycolic acid salts in surfactant based enhanced oil recovery formulations and techniques
81790	RU - (Russian Federatio n)	Granted - (G)	REGULAR CASE TYPE - (REG)	5/22/2014	2015125914	5/25/2018	2655344	Use of glycolic acid salts in surfactant based enhanced oil recovery formulations and techniques
81790	SA - (Saudi Arabia)	Filed - (F)	REGULAR CASE TYPE - (REG)	5/22/2014	515361241			Use of glycolic acid salts in surfactant based enhanced oil recovery formulations and techniques
81790	SG - (Singapor e)	Granted - (G)	REGULAR CASE TYPE - (REG)	5/22/2014	11201504613R	1/29/2018	11201504613R	Use of glycolic acid salts in surfactant based enhanced oil recovery formulations and techniques
81790	US - (United States)	Filed - (F)	REGULAR CASE TYPE - (REG)	5/22/2014	14/758607			Use of glycolic acid salts in surfactant based enhanced oil recovery formulations and techniques
81804	AU - (Australia)	Filed - (F)	REGULAR CASE TYPE - (REG)	12/1/2015	2015363165			Ultra high salinity surfactant formulation

81804	BR - (Brazil)	Filed - (F)	REGULAR CASE TYPE - (REG)	12/1/2015	BR1120170076217			Ultra high salinity surfactant formulation
81804	CA - (Canada)	Filed - (F)	REGULAR CASE TYPE - (REG)	12/1/2015	PCT/US15/63065			Ultra high salinity surfactant formulation
81804	CN - (China P.R.)	Filed - (F)	REGULAR CASE TYPE - (REG)	12/1/2015	201580055476.8			Ultra high salinity surfactant formulation
81804	CO - (Colombia)	Filed - (F)	REGULAR CASE TYPE - (REG)	12/1/2015	NC2017/0002315			Ultra high salinity surfactant formulation
81804	ID - (Indonesia)	Filed - (F)	REGULAR CASE TYPE - (REG)	12/1/2015	P-00201702324			Ultra high salinity surfactant formulation
81804	IN - (India)	Filed - (F)	REGULAR CASE TYPE - (REG)	12/1/2015	201717008271			Ultra high salinity surfactant formulation
81804	MX - (Mexico)	Filed - (F)	REGULAR CASE TYPE - (REG)	12/1/2015	MX/a/2017/004725			Ultra high salinity surfactant formulation

81804	MY - (Malaysia)	Filed - (F)	REGULAR CASE TYPE - (REG)	12/1/2015	PI2017000388			Ultra high salinity surfactant formulation
81804	OA - (O.A.P.I)	Granted - (G)	REGULAR CASE TYPE - (REG)	12/1/2015	1201700132	5/31/2018	18259	Ultra high salinity surfactant formulation
81804	OM - (Oman)	Filed - (F)	REGULAR CASE TYPE - (REG)	12/1/2015	OM/P/2017/00104			Ultra high salinity surfactant formulation
81804	SA - (Saudi Arabia)	Filed - (F)	REGULAR CASE TYPE - (REG)	12/1/2015	517381307			Ultra high salinity surfactant formulation
81804	SG - (Singapor e)	Filed - (F)	REGULAR CASE TYPE - (REG)	12/1/2015	11201701917Y			Ultra high salinity surfactant formulation
81804	US - (United States)	Filed - (F)	REGULAR CASE TYPE - (REG)	12/1/2015	15/510459			Ultra high salinity surfactant formulation
81804 DIV	SG - (Singapor e)	Filed - (F)	REGULAR CASE TYPE - (REG)	6/6/2019	10201905156X			Ultra high salinity surfactant formulation

81810	AR - (Argentina)	Filed - (F)	REGULAR CASE TYPE - (REG)	10/8/2015	P150103247			Amine sulfate water conditioners
81810	AU - (Australia)	Granted - (G)	REGULAR CASE TYPE - (REG)	9/16/2015	2015328621	11/14/2019	2015328621	Amine sulfate water conditioners
81810	BR - (Brazil)	Filed - (F)	REGULAR CASE TYPE - (REG)	9/16/2015	BR112016023737.4			Amine sulfate water conditioners
81810	CA - (Canada)	Filed - (F)	REGULAR CASE TYPE - (REG)	9/16/2015	2944034			Amine sulfate water conditioners
81810	CN - (China P.R.)	Filed - (F)	REGULAR CASE TYPE - (REG)	9/16/2015	201580019692.7			Amine sulfate water conditioners
81810	DE - (Germany)	Granted - (G)	REGULAR CASE TYPE - (REG)	9/16/2015	15848869.2	9/4/2019	602015037459.2	ALKANOLAMINE SULFATE WATER CONDITIONERS
81810	EP - (European Patent Convention)	Filed - (F)	REGULAR CASE TYPE - (REG)	9/16/2015	15848869.2	9/4/2019	3203839	ALKANOLAMINE SULFATE WATER CONDITIONERS

81810	ES - (Spain)	Granted - (G)	REGULAR CASE TYPE - (REG)	9/16/2015	15848869.2	9/4/2019	3203839	ALKANOLAMINE SULFATE WATER CONDITIONERS
81810	FR - (France)	Granted - (G)	REGULAR CASE TYPE - (REG)	9/16/2015	15848869.2	9/4/2019	3203839	ALKANOLAMINE SULFATE WATER CONDITIONERS
81810	GB - (Great Britain)	Granted - (G)	REGULAR CASE TYPE - (REG)	9/16/2015	15848869.2	9/4/2019	3203839	ALKANOLAMINE SULFATE WATER CONDITIONERS
81810	IT - (Italy)	Granted - (G)	REGULAR CASE TYPE - (REG)	9/16/2015	502019000091102	9/4/2019	3203839	ALKANOLAMINE SULFATE WATER CONDITIONERS
81810	JP - (Japan)	Filed - (F)	REGULAR CASE TYPE - (REG)	9/16/2015	2016-561714			Amine sulfate water conditioners
81810	MX - (Mexico)	Filed - (F)	REGULAR CASE TYPE - (REG)	9/16/2015	MX/a/2016/013287			Amine sulfate water conditioners
81810	US - (United States)	Filed - (F)	REGULAR CASE TYPE - (REG)	9/16/2015	15/305124			Amine sulfate water conditioners

81812	BR - (Brazil)	Filed - (F)	REGULAR CASE TYPE - (REG)	3/17/2016	BR1120170202506			Maleated Natural Oil Derivatives as Agrochemical Inert Ingredients
81812	CA - (Canada)	Filed - (F)	REGULAR CASE TYPE - (REG)	3/17/2016	2979539			Maleated Natural Oil Derivatives as Agrochemical Inert Ingredients
81812	CN - (China P.R.)	Filed - (F)	REGULAR CASE TYPE - (REG)	3/17/2016	201680017951.7			Maleated Natural Oil Derivatives as Agrochemical Inert Ingredients
81812	EP - (European Patent Conventio n)	Filed - (F)	REGULAR CASE TYPE - (REG)	3/17/2016	16769367.0			Maleated Natural Oil Derivatives as Agrochemical Inert Ingredients
81812	JP - (Japan)	Filed - (F)	REGULAR CASE TYPE - (REG)	3/17/2016	2017549412			Maleated Natural Oil Derivatives as Agrochemical Inert Ingredients
81812	MX - (Mexico)	Filed - (F)	REGULAR CASE TYPE - (REG)	3/17/2016	MX/a/2017/012207			Maleated Natural Oil Derivatives as Agrochemical Inert Ingredients
81812	US - (United States)	Filed - (F)	REGULAR CASE TYPE - (REG)	3/16/2016	15/559,227			Maleated Natural Oil Derivatives as Agrochemical Inert Ingredients

81815	AR - (Argentina)	Filed - (F)	REGULAR CASE TYPE - (REG)	9/20/2018	P18 01 02687			A Process for the Production of Alkylaromatics
81815	WO - (Patent Cooperation Treaty)	Filed - (F)	REGULAR CASE TYPE - (REG)	7/23/2018	PCT/US18/43212			A Process for the Production of Alkylaromatics
81816	AR - (Argentina)	Filed - (F)	REGULAR CASE TYPE - (REG)	9/15/2016	P160102808			Improved Poly(N-Vinyl caprolactam) kinetic gas hydrate inhibitor and method for preparing same
81816	AU - (Australia)	Filed - (F)	REGULAR CASE TYPE - (REG)	8/12/2016	2016322891			Improved Poly(N-Vinyl caprolactam) kinetic gas hydrate inhibitor and method for preparing same
81816	BR - (Brazil)	Filed - (F)	REGULAR CASE TYPE - (REG)	8/12/2016	BR112017020844.0			Improved Poly(N-Vinyl caprolactam) kinetic gas hydrate inhibitor and method for preparing same
81816	CA - (Canada)	Filed - (F)	REGULAR CASE TYPE - (REG)	8/12/2016	2980007			Improved Poly(N-Vinyl caprolactam) kinetic gas hydrate inhibitor and method for preparing same
81816	CN - (China P.R.)	Filed - (F)	REGULAR CASE TYPE - (REG)	8/12/2016	201680019200.9			Improved Poly(N-Vinyl caprolactam) kinetic gas hydrate inhibitor and method for preparing same

81816	EP - (European Patent Conventio n)	Filed - (F)	REGULAR CASE TYPE - (REG)	8/12/2016	16847020.1			Improved Poly(N-Vinyl caprolactam) kinetic gas hydrate inhibitor and method for preparing same
81816	IN - (India)	Filed - (F)	REGULAR CASE TYPE - (REG)	8/12/2016	201717033138			Improved Poly(N-Vinyl caprolactam) kinetic gas hydrate inhibitor and method for preparing same
81816	MX - (Mexico)	Filed - (F)	REGULAR CASE TYPE - (REG)	8/12/2016	MX/a/2017/012497			Improved Poly(N-Vinyl caprolactam) kinetic gas hydrate inhibitor and method for preparing same
81816	MY - (Malaysia)	Filed - (F)	REGULAR CASE TYPE - (REG)	8/12/2016	PI2017001381			Improved Poly(N-Vinyl caprolactam) kinetic gas hydrate inhibitor and method for preparing same
81816	RU - (Russian Federatio n)	Filed - (F)	REGULAR CASE TYPE - (REG)	8/12/2016	2017133954			Improved Poly(N-Vinyl caprolactam) kinetic gas hydrate inhibitor and method for preparing same
81816	SA - (Saudi Arabia)	Filed - (F)	REGULAR CASE TYPE - (REG)	8/12/2016	517390065			Improved Poly(N-Vinyl caprolactam) kinetic gas hydrate inhibitor and method for preparing same
81816	US - (United States)	Filed - (F)	REGULAR CASE TYPE - (REG)	8/12/2016	15/559852			Improved Poly(N-Vinyl caprolactam) kinetic gas hydrate inhibitor and method for preparing same

81821	AR - (Argentina)	Filed - (F)	REGULAR CASE TYPE - (REG)	3/28/2017	P170100754			Enhanced Solubilization using a Combination of Extended Chain Surfactants
81821	AU - (Australia)	Filed - (F)	REGULAR CASE TYPE - (REG)	3/9/2017	2017240417			Enhanced Solubilization using a Combination of Extended Chain Surfactants
81821	CA - (Canada)	Filed - (F)	REGULAR CASE TYPE - (REG)	3/9/2017	3,006,623			Enhanced Solubilization using a Combination of Extended Chain Surfactants
81821	CN - (China P.R.)	Filed - (F)	REGULAR CASE TYPE - (REG)	3/9/2017	201780005193.1			Enhanced Solubilization using a Combination of Extended Chain Surfactants
81821	EP - (European Patent Convention)	Filed - (F)	REGULAR CASE TYPE - (REG)	3/9/2017	17776275.4			Enhanced Solubilization using a Combination of Extended Chain Surfactants
81821	JP - (Japan)	Filed - (F)	REGULAR CASE TYPE - (REG)	3/9/2017	2018-529565			Enhanced Solubilization using a Combination of Extended Chain Surfactants
81821	MX - (Mexico)	Filed - (F)	REGULAR CASE TYPE - (REG)	3/9/2017	MX/a/2018/008044			Enhanced Solubilization using a Combination of Extended Chain Surfactants

81821	TW - (Taiwan)	Filed - (F)	REGULAR CASE TYPE - (REG)	3/31/2017	106111288			Enhanced Solubilization using a Combination of Extended Chain Surfactants
81821	US - (United States)	Filed - (F)	REGULAR CASE TYPE - (REG)	3/9/2017	15/778,669			Enhanced Solubilization using a Combination of Extended Chain Surfactants
81829	AR - (Argentina)	Filed - (F)	REGULAR CASE TYPE - (REG)	3/6/2017	P170100546			Concentrated Low Viscosity Agricultural Formulations
81829	AU - (Australia)	Filed - (F)	REGULAR CASE TYPE - (REG)	2/22/2017	2017228805			Concentrated Low Viscosity Agricultural Formulations
81829	BR - (Brazil)	Filed - (F)	REGULAR CASE TYPE - (REG)	2/22/2017	BR 11 2018 006338 0			Concentrated Low Viscosity Agricultural Formulations
81829	CA - (Canada)	Filed - (F)	REGULAR CASE TYPE - (REG)	2/22/2017	2998194			Concentrated Low Viscosity Agricultural Formulations
81829	CN - (China P.R.)	Filed - (F)	REGULAR CASE TYPE - (REG)	2/22/2017	201780003337.X			Concentrated Low Viscosity Agricultural Formulations

81829	EP - (European Patent Conventio n)	Filed - (F)	REGULAR CASE TYPE - (REG)	2/22/2017	17763735.2			Concentrated Low Viscosity Agricultural Formulations
81829	IN - (India)	Filed - (F)	REGULAR CASE TYPE - (REG)	2/22/2017	201817006915			Concentrated Low Viscosity Agricultural Formulations
81829	JP - (Japan)	Filed - (F)	REGULAR CASE TYPE - (REG)	2/22/2017	2018-513667			Concentrated Low Viscosity Agricultural Formulations
81829	MX - (Mexico)	Filed - (F)	REGULAR CASE TYPE - (REG)	2/22/2017	MX/a/2018/003734			Concentrated Low Viscosity Agricultural Formulations
81829	US - (United States)	Filed - (F)	REGULAR CASE TYPE - (REG)	2/22/2017	15/761,946			Concentrated Low Viscosity Agricultural Formulations
81830	AR - (Argentin a)	Filed - (F)	REGULAR CASE TYPE - (REG)	8/17/2017	P170102298			Oil-soluble plant micronutrients
81830	AU - (Australia)	Filed - (F)	REGULAR CASE TYPE - (REG)	8/4/2017	2017312474			Oil-soluble plant micronutrients

81830	BR - (Brazil)	Filed - (F)	REGULAR CASE TYPE - (REG)	8/4/2017	BR 11 2018 068495 3			Oil-soluble plant micronutrients
81830	CA - (Canada)	Filed - (F)	REGULAR CASE TYPE - (REG)	8/4/2017	3014499			Oil-soluble plant micronutrients
81830	CN - (China P.R.)	Filed - (F)	REGULAR CASE TYPE - (REG)	8/4/2017	201780018135.2			Oil-soluble plant micronutrients
81830	EP - (European Patent Conventio n)	Filed - (F)	REGULAR CASE TYPE - (REG)	8/4/2017	17841852.1			Oil-soluble plant micronutrients
81830	JP - (Japan)	Filed - (F)	REGULAR CASE TYPE - (REG)	8/4/2017	2018-551099			Oil-soluble plant micronutrients
81830	MX - (Mexico)	Filed - (F)	REGULAR CASE TYPE - (REG)	8/4/2017	MX/a/2018/012004			Oil-soluble plant micronutrients
81830	US - (United States)	Filed - (F)	REGULAR CASE TYPE - (REG)	8/4/2017	16/078,205			Oil-soluble plant micronutrients

81832	US - (United States)	Filed - (F)	REGULAR CASE TYPE - (REG)	6/14/2019	16/469,839			Improved vegetable oil alkoxyates using transesterification of vegetable oil with alkoxyated glycerin
81832	WO - (Patent Cooperati on Treaty)	Filed - (F)	REGULAR CASE TYPE - (REG)	12/11/2017	PCT/US2017/65536			Improved vegetable oil alkoxyates using transesterification of vegetable oil with alkoxyated glycerin
81834	AU - (Australia)	Filed - (F)	REGULAR CASE TYPE - (REG)	4/24/2018	2018258211			Novel Water-in-Oil Hydraulic Fracturing Fluid and Method of using such
81834	BR - (Brazil)	Filed - (F)	REGULAR CASE TYPE - (REG)	4/24/2018	BR1120190186727			Novel Water-in-Oil Hydraulic Fracturing Fluid and Method of using such
81834	CA - (Canada)	Filed - (F)	REGULAR CASE TYPE - (REG)	4/24/2018	3053489			Novel Water-in-Oil Hydraulic Fracturing Fluid and Method of using such
81834	CN - (China P.R.)	Filed - (F)	REGULAR CASE TYPE - (REG)	4/24/2018	201880017848.1			Novel Water-in-Oil Hydraulic Fracturing Fluid and Method of using such
81834	EP - (European Patent Conventio n)	Filed - (F)	REGULAR CASE TYPE - (REG)	4/24/2018	18790331.5			Novel Water-in-Oil Hydraulic Fracturing Fluid and Method of using such

81834	IN - (India)	Filed - (F)	REGULAR CASE TYPE - (REG)	4/24/2018	201917036196			Novel Water-in-Oil Hydraulic Fracturing Fluid and Method of using such
81834	MX - (Mexico)	Filed - (F)	REGULAR CASE TYPE - (REG)	4/24/2018	MX/a/2019/010814			Novel Water-in-Oil Hydraulic Fracturing Fluid and Method of using such
81834	MY - (Malaysia)	Filed - (F)	REGULAR CASE TYPE - (REG)	4/24/2018	PI2019004688			Novel Water-in-Oil Hydraulic Fracturing Fluid and Method of using such
81834	US - (United States)	Filed - (F)	REGULAR CASE TYPE - (REG)	4/24/2018	16/499633			Novel Water-in-Oil Hydraulic Fracturing Fluid and Method of using such
81835	AR - (Argentina)	Filed - (F)	REGULAR CASE TYPE - (REG)	11/17/2017	P17 01 03201			Oil-based Defoliant Compositions
81837	AU - (Australia)	Filed - (F)	REGULAR CASE TYPE - (REG)	10/23/2017	2017355295			Improved vegetable oil alkoxyates using transesterification of vegetable oil with alkoxyated glycerin
81837	CA - (Canada)	Filed - (F)	REGULAR CASE TYPE - (REG)	10/23/2017	3014686			Improved vegetable oil alkoxyates using transesterification of vegetable oil with alkoxyated glycerin

81837	CN - (China P.R.)	Filed - (F)	REGULAR CASE TYPE - (REG)	10/23/2017	201780017007.6			Improved vegetable oil alkoxyates using transesterification of vegetable oil with alkoxylated glycerin
81837	EP - (European Patent Conventio n)	Filed - (F)	REGULAR CASE TYPE - (REG)	10/23/2017	17867366.1			Improved vegetable oil alkoxyates using transesterification of vegetable oil with alkoxylated glycerin
81837	JP - (Japan)	Filed - (F)	REGULAR CASE TYPE - (REG)	10/23/2017	2018-546861			Improved vegetable oil alkoxyates using transesterification of vegetable oil with alkoxylated glycerin
81837	MX - (Mexico)	Filed - (F)	REGULAR CASE TYPE - (REG)	10/23/2017	MX/a/2018/011089			Improved vegetable oil alkoxyates using transesterification of vegetable oil with alkoxylated glycerin
81837	US - (United States)	Filed - (F)	REGULAR CASE TYPE - (REG)	10/23/2017	16/077,358			Improved vegetable oil alkoxyates using transesterification of vegetable oil with alkoxylated glycerin
81841	AR - (Argentin a)	Filed - (F)	REGULAR CASE TYPE - (REG)	2/23/2018	P180100434			Hydroxyalkylurethane kinetic gas hydrate inhibitors
81841	AU - (Australia)	Filed - (F)	REGULAR CASE TYPE - (REG)	1/30/2018	2018228491			Hydroxyalkylurethane kinetic gas hydrate inhibitors

81841	BR - (Brazil)	Filed - (F)	REGULAR CASE TYPE - (REG)	1/30/2018	BR 11 2019 008566 1			Hydroxyalkylurethane kinetic gas hydrate inhibitors
81841	CA - (Canada)	Filed - (F)	REGULAR CASE TYPE - (REG)	1/30/2018	3039069			Hydroxyalkylurethane kinetic gas hydrate inhibitors
81841	CO - (Colombia)	Filed - (F)	REGULAR CASE TYPE - (REG)	1/30/2018	NC2019/0003885			Hydroxyalkylurethane kinetic gas hydrate inhibitors
81841	EP - (European Patent Conventio n)	Filed - (F)	REGULAR CASE TYPE - (REG)	1/30/2018	18761483.9			Hydroxyalkylurethane kinetic gas hydrate inhibitors
81841	ID - (Indonesia)	Filed - (F)	REGULAR CASE TYPE - (REG)	1/30/2018	PID201903420			Hydroxyalkylurethane kinetic gas hydrate inhibitors
81841	IN - (India)	Filed - (F)	REGULAR CASE TYPE - (REG)	1/30/2018	201917016685			Hydroxyalkylurethane kinetic gas hydrate inhibitors
81841	MX - (Mexico)	Filed - (F)	REGULAR CASE TYPE - (REG)	1/30/2018	MX/a/2019/005017			Hydroxyalkylurethane kinetic gas hydrate inhibitors

81841	OM - (Oman)	Filed - (F)	REGULAR CASE TYPE - (REG)	1/30/2018	OM/P/2019/00174			Hydroxyalkylurethane kinetic gas hydrate inhibitors
81841	SA - (Saudi Arabia)	Filed - (F)	REGULAR CASE TYPE - (REG)	1/30/2018	519401696			Hydroxyalkylurethane kinetic gas hydrate inhibitors
81841	SG - (Singapor e)	Filed - (F)	REGULAR CASE TYPE - (REG)	1/30/2018	11201902785Y			Hydroxyalkylurethane kinetic gas hydrate inhibitors
81841	US - (United States)	Filed - (F)	REGULAR CASE TYPE - (REG)	1/30/2018	16/340,699			Hydroxyalkylurethane kinetic gas hydrate inhibitors
81842	AR - (Argentin a)	Filed - (F)	REGULAR CASE TYPE - (REG)	6/6/2018	P180101512			Polyphenylmethanol surfactants
81842	AU - (Australia)	Filed - (F)	REGULAR CASE TYPE - (REG)	5/29/2018	2018281994			Polyphenylmethanol surfactants
81842	BR - (Brazil)	Filed - (F)	REGULAR CASE TYPE - (REG)	5/29/2018	BR1120190219862			Polyphenylmethanol surfactants

81842	CA - (Canada)	Filed - (F)	REGULAR CASE TYPE - (REG)	5/29/2018	n/a			Polyphenylmethanol surfactants
81842	CN - (China P.R.)	Filed - (F)	REGULAR CASE TYPE - (REG)	5/29/2018	n/a			Polyphenylmethanol surfactants
81842	EP - (European Patent Conventio n)	Filed - (F)	REGULAR CASE TYPE - (REG)	5/29/2018	18813698.0			Polyphenylmethanol surfactants
81842	JP - (Japan)	Filed - (F)	REGULAR CASE TYPE - (REG)	5/29/2018	n/a			Polyphenylmethanol surfactants
81842	MX - (Mexico)	Filed - (F)	REGULAR CASE TYPE - (REG)	5/29/2018	MX/a/2019/012494			Polyphenylmethanol surfactants
81842	US - (United States)	Filed - (F)	REGULAR CASE TYPE - (REG)	5/29/2018	16/611,714			Polyphenylmethanol surfactants
81842	WO - (Patent Cooperati on Treaty)	Filed - (F)	REGULAR CASE TYPE - (REG)	3/29/2018	PCT/US2018/034844			Polyphenylmethanol surfactants

81843	AU - (Australia)	Filed - (F)	REGULAR CASE TYPE - (REG)	1/16/2018	2018207689			Oligomeric surfactants by electrostatic interactions
81843	CA - (Canada)	Filed - (F)	REGULAR CASE TYPE - (REG)	1/16/2018	3037559			Oligomeric surfactants by electrostatic interactions
81843	CN - (China P.R.)	Filed - (F)	REGULAR CASE TYPE - (REG)	1/16/2018	201880003857.5			Oligomeric surfactants by electrostatic interactions
81843	EP - (European Patent Convention)	Filed - (F)	REGULAR CASE TYPE - (REG)	1/16/2018	18738930.9			GEMINI-LIKE AND OLIGOMERIC-LIKE SURFACTANT COMPOSITIONS
81843	JP - (Japan)	Filed - (F)	REGULAR CASE TYPE - (REG)	1/16/2018	2019-518944			Oligomeric surfactants by electrostatic interactions
81843	MX - (Mexico)	Filed - (F)	REGULAR CASE TYPE - (REG)	1/16/2018	MX/a/2019/004163			Oligomeric surfactants by electrostatic interactions
81843	US - (United States)	Filed - (F)	REGULAR CASE TYPE - (REG)	1/16/2018	16/340,416			Oligomeric surfactants by electrostatic interactions

81849	AR - (Argentina)	Filed - (F)	REGULAR CASE TYPE - (REG)	6/13/2019	P190101633			AGROCHEMICAL DISPERSANTS
81849	US - (United States)	Filed - (F)	PROVISIO NAL FILING - (L)	6/14/2018	62/684,885			AGROCHEMICAL DISPERSANTS
81849	WO - (Patent Cooperati on Treaty)	Filed - (F)	REGULAR CASE TYPE - (REG)	6/12/2019	PCT/US19/36663			AGROCHEMICAL DISPERSANTS
81861	US - (United States)	Filed - (F)	PROVISIO NAL FILING - (L)	12/18/2018	62/780,979			Benzhydrylated Aromatic Surfactants
81861	WO - (Patent Cooperati on Treaty)	Filed - (F)	REGULAR CASE TYPE - (REG)	10/15/2019	PCT/US2019/056219			Benzhydrylated Aromatic Surfactants
81861 WO2	WO - (Patent Cooperati on Treaty)	Filed - (F)	REGULAR CASE TYPE - (REG)	11/8/2019	PCT/US2019/060525			Benzhydrylated Aromatic Surfactants
81861	AR - (Argentina)	Filed - (F)		12/05/2019	P190103553			Benzhydrylated Aromatic Surfactants