

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6421593

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DUPONT INDUSTRIAL BIOSCIENCES USA, LLC	07/01/2020

RECEIVING PARTY DATA

Name:	NUTRITION & BIOSCIENCES USA 4, INC.
Street Address:	3490 WINTON PLACE
City:	ROCHESTER
State/Country:	NEW YORK
Postal Code:	14623

PROPERTY NUMBERS Total: 108

Property Type	Number
Application Number:	15313321
Application Number:	16282571
Application Number:	14967659
Application Number:	12053991
Application Number:	10680286
Application Number:	16462994
Application Number:	16461097
Application Number:	16401166
Application Number:	16791030
Application Number:	15765545
Application Number:	15952401
Application Number:	16549092
Application Number:	15756659
Application Number:	16663830
Application Number:	16607944
Application Number:	16007641
Application Number:	14782123
Application Number:	16244699
Application Number:	14782148
Application Number:	16681226

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Property Type	Number
Application Number:	16645671
Application Number:	13606400
Application Number:	13606373
Application Number:	13645570
Application Number:	13770068
Application Number:	13333263
Application Number:	14315387
Application Number:	15058406
Application Number:	14136226
Application Number:	13333501
Application Number:	13723759
Application Number:	14688801
Application Number:	13479990
Application Number:	16163701
Application Number:	14490703
Application Number:	14490706
Application Number:	14490747
Application Number:	14490754
Application Number:	14490791
Application Number:	14490828
Application Number:	14490844
Application Number:	14490869
Application Number:	14036049
Application Number:	14107067
Application Number:	16007287
Application Number:	15103664
Application Number:	14861366
Application Number:	15172625
Application Number:	14476790
Application Number:	15945819
Application Number:	16408540
Application Number:	15103682
Application Number:	15611081
Application Number:	14641567
Application Number:	15985831
Application Number:	15313347
Application Number:	14589165
Application Number:	15976246

Property Type	Number
Application Number:	14631931
Application Number:	16127288
Application Number:	15110272
Application Number:	15933534
Application Number:	16382695
Application Number:	14619193
Application Number:	15988349
Application Number:	14631962
Application Number:	15638703
Application Number:	14666443
Application Number:	15679361
Application Number:	16247750
Application Number:	14741769
Application Number:	15638808
Application Number:	14741813
Application Number:	15765538
Application Number:	15765558
Application Number:	16111514
Application Number:	14933128
Application Number:	14965961
Application Number:	15548916
Application Number:	15013279
Application Number:	16485312
Application Number:	15533414
Application Number:	16191483
Application Number:	15532550
Application Number:	15702893
Application Number:	15532635
Application Number:	15572257
Application Number:	15550883
Application Number:	15550833
Application Number:	16190231
Application Number:	15572223
Application Number:	15955923
Application Number:	15182778
Application Number:	15765522
Application Number:	15756681
Application Number:	15763965

Property Type	Number
Application Number:	15767689
Application Number:	15373547
Application Number:	16465385
Application Number:	16308021
Application Number:	16308029
Application Number:	16642574
Application Number:	16218518
Application Number:	16623232
Application Number:	16295423
Application Number:	16774040
Application Number:	16158327
Application Number:	16127293

CORRESPONDENCE DATA

Fax Number: (703)739-2815

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.

Email: iprecordals@cpaglobal.com

Correspondent Name: CPA GLOBAL LIMITED

Address Line 1: LIBERATION HOUSE

Address Line 2: CASTLE STREET

Address Line 4: ST HELIER, JERSEY JE1 1BL

NAME OF SUBMITTER:	HELEN BIRRELL
SIGNATURE:	/IPR/Dupont N&B 123-DUPONINDBIO/AG108PT/
DATE SIGNED:	11/28/2020

Total Attachments: 170

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PATENT ASSIGNMENT

This PATENT ASSIGNMENT (this “Assignment”), dated as of July 1, 2020 (the “Effective Date”), is by and between DUPONT INDUSTRIAL BIOSCIENCES USA, LLC, a Delaware limited liability company, with address of 974 Centre Road, Wilmington, DE 19805 (“Assignor”) and NUTRITION & BIOSCIENCES USA 4, INC., a Delaware corporation, with address of 3490 Winton Place, Rochester, NY 14623 (“Assignee”), (each a “Party” and collectively, the “Parties”).

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

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

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

1. Conveyance. Assignor hereby assigns, transfers and conveys to Assignee all of Assignor’s right, title and interest in and to the Assigned Patents, together with any and all (a) related continuations, continuations-in-part, divisionals, reissues, reexaminations, substitutions, statutory invention registrations, extensions, utility models, designs, inventor certificates, supplementary protection certificates, substantively identical patent specifications, abandoned equivalents 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 (Paris Convention), Patent Cooperation Treaty and any other rights provided under applicable treaties, conventions or the laws of any jurisdiction, including rights in any and all provisional applications, together with all rights and remedies throughout the world (i) against past, present, and future infringement or other violation thereof, including the right to enforce the foregoing and to sue for and recover profits, other damages, injunctions and obtain other equitable relief for any and all infringements or violations thereof, whether past, present or future, (ii) to collect future royalties and other payments thereunder, (iii) to file, claim priority to, prosecute, maintain, amend, abandon, publish, keep confidential, assign, license or otherwise transfer the above-referenced patent applications and patents under the laws of any jurisdiction and/or international conventions or treaties and (iv) to prosecute, register, maintain and defend the above mentioned patent applications and patents before any public or private agency, office or registrar; for each of the foregoing clauses (i) through (iv), to the full end of the term or terms

for which said patents may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor without this Assignment (the rights transferred under this Section 1 cumulatively, the “Assigned Rights”).

2. Recordation; Further Assurances. Assignor and Assignee shall each take any and all additional actions as may be reasonably necessary to effect the transactions contemplated hereby, including Assignor’s execution of individual assignment documentation for filing by Assignee with the applicable authorities of an applicable country. In the event an Assigned Patent registration or application is not properly recorded in the name of the Assignor as of the Effective Date, then, at the request of Assignee the Parties shall reasonably cooperate to make the necessary corrective filings and records of the documents. Assignor authorizes Assignee and its representatives to record and/or modify this Assignment as may be desirable or necessary to support the transfer from Assignor to Assignee, filing, prosecution, maintenance, defense, ownership, enforcement or collection of infringement damages in connection with Assigned Rights, and further authorizes the Assignee and its representatives to translate this Assignment into any language necessary or desirable for such purposes. The Assignor also requests that all patents included in the Assigned Rights be issued in the name of Assignee.

3. Disclaimer of Representations and Warranties. The Parties acknowledge and agree that, except as expressly set forth in this Assignment or another written agreement between the parties, all of the Assigned Patents and other assigned rights are to be provided as-is, where-is and on an “with all faults” basis and Assignee assumes all risk and liability arising from or relating to its use thereof and reliance thereon. EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT OR ANOTHER WRITTEN AGREEMENT BETWEEN THE PARTIES, EACH PARTY MAKES NO, AND HEREBY EXPRESSLY DISCLAIMS ALL, REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, WITH RESPECT 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.

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

5. Counterparts. This Assignment may be executed and delivered (including by facsimile or other means of electronic transmission, such as by electronic mail in “pdf” form) in more than one counterpart, all of which shall be considered one

and the same agreement, each of which when executed shall be deemed to be an original, 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.

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

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

[Signature Page Follows]

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

ASSIGNOR:

DUPONT INDUSTRIAL BIOSCIENCES USA, LLC

By: 
Name: Michael Heffernan
Title: President

Acknowledged and Accepted:

ASSIGNEE:

NUTRITION & BIOSCIENCES USA 4, INC.

By: _____
Name: Amber Trumbull
Title: Vice President

Signature Page to Patent Assignments 2501 to 6000

PATENT
REEL: 055028 FRAME: 0507

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

ASSIGNOR:

DUPONT INDUSTRIAL BIOSCIENCES USA, LLC

By: _____

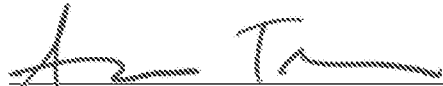
Name: Michael Heffernan

Title: President

Acknowledged and Accepted:

ASSIGNEE:

NUTRITION & BIOSCIENCES USA 4, INC.

By:  _____

Name: Amber Trumbull

Title: Vice President

Signature Page to Patent Assignment 9501 to 8020

PATENT
REEL: 055028 FRAME: 0508

SCHEDULE A TO PATENT ASSIGNMENT

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
AD8165-EP-EPT	European Procedure (Patents)	EPT	Publication of Application	04 Dec 2017	17818700.1			POLYAMIDE COMPOSITIONS
AD8165-JP-PCT	Japan	PCT	Local filing	04 Dec 2017	2019-518378			POLYAMIDE COMPOSITIONS
AD8165-KR-PCT	South Korea / Republic of Korea	PCT	Local filing	04 Dec 2017	10-2019-7014378			POLYAMIDE COMPOSITIONS
AD8165-US-PCT	United States Of America	PCT	Publication of Application	04 Dec 2017	16/462994			POLYAMIDE COMPOSITIONS
AD8165-US-PSP	United States Of America	PSP	Expiry Date	05 Dec 2016	62/429901			POLYAMIDE COMPOSITIONS
AD8165-WO-PCT	International Procedure	PCT	Expiry Date	04 Dec 2017	PCT/US17/64442			POLYAMIDE COMPOSITIONS
AD8170-AU-PCT	Australia	PCT	Local filing	20 Nov 2017	2017366583			POLYALPHA-1,3-GLUCAN ESTERS AND ARTICLES MADE THEREFROM

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal title
AD8170-BR-PCT	Brazil	PCT	Local filing	20 Nov 2017	1120190102086			POLYALPHA-1,3-GLUCAN ESTERS AND ARTICLES MADE THEREFROM
AD8170-CN-PCT	China	PCT	Publication of Application	20 Nov 2017	201780084094.7			POLYALPHA-1,3-GLUCAN ESTERS AND ARTICLES MADE THEREFROM
AD8170-EP-EPT	European Procedure (Patents)	EPT	Publication of Application	20 Nov 2017	17809424.9			POLYALPHA-1,3-GLUCAN ESTERS AND ARTICLES MADE THEREFROM
AD8170-IN-PCT	India	PCT	Local filing	20 Nov 2017	201917019365			POLYALPHA-1,3-GLUCAN ESTERS AND ARTICLES MADE THEREFROM
AD8170-JP-PCT	Japan	PCT	Local filing	20 Nov 2017	2019-527492			POLYALPHA-1,3-GLUCAN ESTERS AND ARTICLES MADE THEREFROM
AD8170-KR-PCT	South Korea / Republic of Korea	PCT	Local filing	20 Nov 2017	10-2019-7017426			POLYALPHA-1,3-GLUCAN ESTERS AND ARTICLES MADE THEREFROM
AD8170-US-PCT	United States Of America	PCT	Filing	20 Nov 2017	16/461097			POLYALPHA-1,3-GLUCAN ESTERS AND ARTICLES MADE THEREFROM

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal title
AD8170-US-PSP	United States Of America	PSP	Expiry Date	22 Nov 2016	62/425247			POLYALPHA-1,3-GLUCAN ESTERS AND ARTICLES MADE THEREFROM
AD8170-WO-PCT	International Procedure	PCT	Expiry Date	20 Nov 2017	PCT/US17/62508			POLYALPHA-1,3-GLUCAN ESTERS AND ARTICLES MADE THEREFROM
AD8185-AU-PCT	Australia	PCT	Local filing	30 Aug 2018	2018329559			POLY ALPHA-1,3-GLUCAN COMPOUNDS
AD8185-CN-PCT	China	PCT	Local filing	30 Aug 2018	201880058635.3			POLY ALPHA-1,3-GLUCAN COMPOUNDS
AD8185-EP-EPT	European Procedure (Patents)	EPT	Local filing	30 Aug 2018	18766547.6			POLY ALPHA-1,3-GLUCAN COMPOUNDS
AD8185-JP-PCT	Japan	PCT	Local filing	30 Aug 2018	PCT/US18/48683			POLY ALPHA-1,3-GLUCAN COMPOUNDS
AD8185-KR-PCT	South Korea / Republic of Korea	PCT	Local filing	30 Aug 2018	10-2020-7007922			POLY ALPHA-1,3-GLUCAN COMPOUNDS

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
AD8185-US-PCT	United States Of America	PCT	Filing	30 Aug 2018	16/645671			POLY ALPHA-1,3-GLUCAN COMPOUNDS
AD8185-US-PSP	United States Of America	PSP	Expiry Date	11 Sep 2017	62/556623			POLY ALPHA-1,3-GLUCAN COMPOUNDS
AD8185-WO-PCT	International Procedure	PCT	Expiry Date	30 Aug 2018	PCT/US18/48683			POLY ALPHA-1,3-GLUCAN COMPOUNDS
AD8209-US-PSP	United States Of America	PSP	Expiry Date	26 Feb 2018	62/634969			BLENDS OF POLYESTERS AND POLYSACCHARIDES
AD8209-WO-PCT	International Procedure	PCT	Publication of Application	07 Feb 2019	PCT/US19/16979			BLENDS OF POLYESTERS AND POLYSACCHARIDES
CL5252-AU-PCT	Australia	PCT	Abandoned	10 Sep 2012	2012305709			HIGH TITER PRODUCTION OF POLY (ALPHA 1,3 GLUCAN)
CL5252-BR-PCT	Brazil	PCT	Abandoned	10 Sep 2012	1120140053227			HIGH TITER PRODUCTION OF POLY (ALPHA 1,3 GLUCAN)

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal title
CL5252-CA-PCT	Canada	PCT	Abandoned	10 Sep 2012	2847883			HIGH TITER PRODUCTION OF POLY (ALPHA 1,3 GLUCAN)
CL5252-CL-PCT	Chile	PCT	Abandoned	10 Sep 2012	0572/14			HIGH TITER PRODUCTION OF POLY (ALPHA 1,3 GLUCAN)
CL5252-CN-PCT	China	PCT	Abandoned	10 Sep 2012	201280043600.5			HIGH TITER PRODUCTION OF POLY (ALPHA 1,3 GLUCAN)
CL5252-EP-EPT	European Procedure (Patents)	EPT	Abandoned	10 Sep 2012	12758732.7			HIGH TITER PRODUCTION OF POLY (ALPHA 1,3 GLUCAN)
CL5252-HK-FPR	Hong Kong	FPR	Abandoned					HIGH TITER PRODUCTION OF POLY (ALPHA 1,3 GLUCAN)
CL5252-IL-PCT	Israel	PCT	Abandoned	10 Sep 2012	231088			HIGH TITER PRODUCTION OF POLY (ALPHA 1,3 GLUCAN)
CL5252-IN-PCT	India	PCT	Abandoned	10 Sep 2012	1360/DELNP/2014			HIGH TITER PRODUCTION OF POLY (ALPHA 1,3 GLUCAN)

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL5252-JP-PCT	Japan	PCT	Abandoned	10 Sep 2012	2014-529959			HIGH TITER PRODUCTION OF POLY (ALPHA 1,3 GLUCAN)
CL5252-KR-PCT	South Korea / Republic of Korea	PCT	Abandoned	10 Sep 2012	10-2014-7008980			HIGH TITER PRODUCTION OF POLY (ALPHA 1,3 GLUCAN)
CL5252-MX-PCT	Mexico	PCT	Abandoned	10 Sep 2012	MX/A/2014/002760			HIGH TITER PRODUCTION OF POLY (ALPHA 1,3 GLUCAN)
CL5252-MY-PCT	Malaysia	PCT	Abandoned	10 Sep 2012	PI2014000473			HIGH TITER PRODUCTION OF POLY (ALPHA 1,3 GLUCAN)
CL5252-NZ-PCT	New Zealand	PCT	Abandoned	10 Sep 2012	621504			HIGH TITER PRODUCTION OF POLY (ALPHA 1,3 GLUCAN)
CL5252-PH-PCT	Philippines	PCT	Abandoned	04 Mar 2014	1-2014-500532			HIGH TITER PRODUCTION OF POLY (ALPHA 1,3 GLUCAN)
CL5252-RU-PCT	Russian Federation	PCT	Abandoned	10 Sep 2012	PCT/US12/54521			HIGH TITER PRODUCTION OF POLY (ALPHA 1,3 GLUCAN)

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL5252-SG-PCT	Singapore	PCT	Abandoned	10 Sep 2012	11201400440Y	14 Aug 2015	11201400440Y	HIGH TITER PRODUCTION OF POLY (ALPHA 1,3 GLUCAN)
CL5252-TH-PCT	Thailand	PCT	Abandoned	10 Sep 2012	1401001220			HIGH TITER PRODUCTION OF POLY (ALPHA 1,3 GLUCAN)
CL5252-US-NP	United States Of America	NP	Grant	07 Sep 2012	13/606400	14 Jul 2015	9080195	HIGH TITER PRODUCTION OF POLY (ALPHA 1,3 GLUCAN)
CL5252-US-PSP	United States Of America	PSP	Expiry Date	09 Sep 2011	61/532714			HIGH TITER PRODUCTION OF POLY (ALPHA 1,3 GLUCAN)
CL5252-WO-PCT	International Procedure	PCT	Expiry Date	10 Sep 2012	PCT/US12/54521			HIGH TITER PRODUCTION OF POLY (ALPHA 1,3 GLUCAN)
CL5252-ZA-PCT	South Africa	PCT	Abandoned	10 Sep 2012	2014/01375			HIGH TITER PRODUCTION OF POLY (ALPHA 1,3 GLUCAN)
CL5383-US-NP	United States Of America	NP	Grant	07 Sep 2012	13/606373	04 Feb 2014	8642757	HIGH TITER PRODUCTION OF HIGHLY LINEAR POLY (ALPHA 1,3 GLUCAN)

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal title
CL5383-US-PSP	United States Of America	PSP	Expiry Date	09 Sep 2011	61/532723			HIGH TITER PRODUCTION OF HIGHLY LINEAR POLY (ALPHA 1,3 GLUCAN)
CL5383-WO-PCT	International Procedure	PCT	Abandoned	10 Sep 2012	PCT/US12/54435			HIGH TITER PRODUCTION OF HIGHLY LINEAR POLY (ALPHA 1,3 GLUCAN)
CL5408-AT-EPT	Austria	EPT	Grant	05 Oct 2012	12773473.9	23 May 2018	2764145	NOVEL COMPOSITION FOR PREPARING POLYSACCHARIDE FIBERS
CL5408-AU-PCT	Australia	PCT	Grant	05 Oct 2012	2012318526	28 Sep 2017	2012318526	NOVEL COMPOSITION FOR PREPARING POLYSACCHARIDE FIBERS
CL5408-CA-PCT	Canada	PCT	Abandoned	05 Oct 2012	2851312			NOVEL COMPOSITION FOR PREPARING POLYSACCHARIDE FIBERS
CL5408-CN-PCT	China	PCT	Grant	05 Oct 2012	201280059899.3	17 Aug 2016	201280059899.3	NOVEL COMPOSITION FOR PREPARING POLYSACCHARIDE FIBERS
CL5408-DE-EPT	Germany	EPT	Grant	05 Oct 2012	12773473.9	23 May 2018	602012046650.2	NOVEL COMPOSITION FOR PREPARING POLYSACCHARIDE FIBERS

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal title
CL5408-EP-EPT	European Procedure (Patents)	EPT	Grant	05 Oct 2012	12773473.9	23 May 2018	2764145	NOVEL COMPOSITION FOR PREPARING POLYSACCHARIDE FIBERS
CL5408-ES-EPT	Spain	EPT	Abandoned					NOVEL COMPOSITION FOR PREPARING POLYSACCHARIDE FIBERS
CL5408-FR-EPT	France	EPT	Grant	05 Oct 2012	12773473.9	23 May 2018	2764145	NOVEL COMPOSITION FOR PREPARING POLYSACCHARIDE FIBERS
CL5408-GB-EPT	United Kingdom	EPT	Grant	05 Oct 2012	12773473.9	23 May 2018	2764145	NOVEL COMPOSITION FOR PREPARING POLYSACCHARIDE FIBERS
CL5408-IL-PCT	Israel	PCT	Abandoned	05 Oct 2012	231855			NOVEL COMPOSITION FOR PREPARING POLYSACCHARIDE FIBERS
CL5408-IN-PCT	India	PCT	Grant	05 Oct 2012	2643/DELNP/2014	29 Aug 2019	319449	NOVEL COMPOSITION FOR PREPARING POLYSACCHARIDE FIBERS
CL5408-IT-EPT	Italy	EPT	Abandoned					NOVEL COMPOSITION FOR PREPARING POLYSACCHARIDE FIBERS

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL5408-JP-PCT	Japan	PCT	Grant	05 Oct 2012	2014-534745	28 Jul 2017	6182148	NOVEL COMPOSITION FOR PREPARING POLYSACCHARIDE FIBERS
CL5408-KR-PCT	South Korea / Republic of Korea	PCT	Abandoned	05 Oct 2012	10-2014-7011790			NOVEL COMPOSITION FOR PREPARING POLYSACCHARIDE FIBERS
CL5408-NZ-PCT	New Zealand	PCT	Abandoned	05 Oct 2012	6233330	27 May 2016	6233330	NOVEL COMPOSITION FOR PREPARING POLYSACCHARIDE FIBERS
CL5408-SG-PCT	Singapore	PCT	Abandoned	05 Oct 2012	11201401290U	19 Apr 2016	11201401290U	NOVEL COMPOSITION FOR PREPARING POLYSACCHARIDE FIBERS
CL5408-TH-PCT	Thailand	PCT	Publication of Application	05 Oct 2012	1401001883			NOVEL COMPOSITION FOR PREPARING POLYSACCHARIDE FIBERS
CL5408-TW-NP	Taiwan	NP	Abandoned	03 Oct 2012	101136471	11 Jan 2017	I565801	NOVEL COMPOSITION FOR PREPARING POLYSACCHARIDE FIBERS
CL5408-US-NP	United States Of America	NP	Grant	05 Oct 2012	13/645570	03 Nov 2015	9175423	NOVEL COMPOSITION FOR PREPARING POLYSACCHARIDE FIBERS

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal title
CL5408-US-PSP	United States Of America	PSP	Expiry Date	05 Oct 2011	61/543423			NOVEL COMPOSITION FOR PREPARING POLYSACCHARIDE FIBERS
CL5408-WO-PCT	International Procedure	PCT	Expiry Date	05 Oct 2012	PCT/US12/58850			NOVEL COMPOSITION FOR PREPARING POLYSACCHARIDE FIBERS
CL5498-US-NP	United States Of America	NP	Abandoned	15 Feb 2013	13/768184			PROCESS FOR THE PRODUCTION OF CARBON FIBERS FROM POLY(ALPHA(1->3) GLUCAN) FIBERS
CL5498-US-NP[2]	United States Of America	NP	Grant	19 Feb 2013	13/770068	04 Aug 2015	9096956	PROCESS FOR THE PRODUCTION OF CARBON FIBERS FROM POLY(ALPHA(1->3) GLUCAN) FIBERS
CL5498-US-PSP	United States Of America	PSP	Expiry Date	17 Feb 2012	61/600338			PROCESS FOR THE PRODUCTION OF CARBON FIBER USING ALPHA-1,3-GLUCAN-BASED FIBERS
CL5499-US-NP	United States Of America	NP	Grant	21 Dec 2011	13/333263	15 Dec 2015	9212301	NOVEL COMPOSITION FOR PREPARING POLYSACCHARIDE FIBERS
CL5606-AU-PCT[2]	Australia	PCT	Grant	26 Jun 2014	2014367230	29 Nov 2018	2014367230	FILMS OF POLY ALPHA-1,3-GLUCAN ESTERS AND METHOD FOR THEIR PREPARATION

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal title
CL5606-BR-PCT[2]	Brazil	PCT	Filing	26 Jun 2014	1120150156096			FILMS OF POLY ALPHA-1,3-GLUCAN ESTERS AND METHOD FOR THEIR PREPARATION
CL5606-CA-PCT[2]	Canada	PCT	Abandoned	26 Jun 2014	2896890			FILMS OF POLY ALPHA-1,3-GLUCAN ESTERS AND METHOD FOR THEIR PREPARATION
CL5606-CL-PCT[2]	Chile	PCT	Abandoned	26 Jun 2014	1852/2015			FILMS OF POLY ALPHA-1,3-GLUCAN ESTERS AND METHOD FOR THEIR PREPARATION
CL5606-CN-PCT[2]	China	PCT	Publication of Application	26 Jun 2014	201480010961.9			FILMS OF POLY ALPHA-1,3-GLUCAN ESTERS AND METHOD FOR THEIR PREPARATION
CL5606-EP-EPT[2]	European Procedure (Patents)	EPT	Abandoned	26 Jun 2014	14745261.9			FILMS OF POLY ALPHA-1,3-GLUCAN ESTERS AND METHOD FOR THEIR PREPARATION
CL5606-ID-PCT[2]	Indonesia	PCT	Abandoned	26 Jun 2014	P00201503925			FILMS OF POLY ALPHA-1,3-GLUCAN ESTERS AND METHOD FOR THEIR PREPARATION
CL5606-IN-PCT[2]	India	PCT	Abandoned	26 Jun 2014	5645/DELNP/2015			FILMS OF POLY ALPHA-1,3-GLUCAN ESTERS AND METHOD FOR THEIR PREPARATION

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal title
CL5606-JP-PCT[2]	Japan	PCT	Grant	26 Jun 2014	2016-560615	22 Feb 2019	6484252	FILMS OF POLY ALPHA-1,3-GLUCAN ESTERS AND METHOD FOR THEIR PREPARATION
CL5606-KR-PCT[2]	South Korea / Republic of Korea	PCT	Filing	26 Jun 2014	10-2015-7017407			FILMS OF POLY ALPHA-1,3-GLUCAN ESTERS AND METHOD FOR THEIR PREPARATION
CL5606-MX-PCT[2]	Mexico	PCT	Abandoned	26 Jun 2014	MX/a/2015/008457			FILMS OF POLY ALPHA-1,3-GLUCAN ESTERS AND METHOD FOR THEIR PREPARATION
CL5606-MY-PCT[2]	Malaysia	PCT	Abandoned	26 Jun 2014	PI2015001650			FILMS OF POLY ALPHA-1,3-GLUCAN ESTERS AND METHOD FOR THEIR PREPARATION
CL5606-NZ-PCT[2]	New Zealand	PCT	Abandoned	26 Jun 2014	709490			FILMS OF POLY ALPHA-1,3-GLUCAN ESTERS AND METHOD FOR THEIR PREPARATION
CL5606-PH-PCT[2]	Philippines	PCT	Abandoned	26 Jun 2014	1-2015-501488			FILMS OF POLY ALPHA-1,3-GLUCAN ESTERS AND METHOD FOR THEIR PREPARATION
CL5606-SG-PCT[2]	Singapore	PCT	Abandoned	26 Jun 2014	11201505127Q	30 Jun 2017	11201505127Q	FILMS OF POLY ALPHA-1,3-GLUCAN ESTERS AND METHOD FOR THEIR PREPARATION

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal title
CL5606-TH-PCT[2]	Thailand	PCT	Abandoned	26 Jun 2014	1501003774			FILMS OF POLY ALPHA-1,3-GLUCAN ESTERS AND METHOD FOR THEIR PREPARATION
CL5606-US-CIP	United States Of America	CIP	Grant	26 Jun 2014	14/315387	02 Aug 2016	9403917	PREPARATION OF POLY ALPHA-1,3-GLUCAN ESTERS AND FILMS THEREFROM
CL5606-US-NP	United States Of America	NP	Abandoned	20 Dec 2013	14/136168			PREPARATION OF POLY ALPHA-1,3-GLUCAN ESTERS AND FILMS THEREFROM
CL5606-US-PSP	United States Of America	PSP	Expiry Date	27 Dec 2012	61/746328			PRODUCTION OF POLY (ALPHA-1,3 GLUCAN) ESTERS
CL5606-WO-PCT	International Procedure	PCT	Withdrawal	20 Dec 2013	PCT/US13/76905			PREPARATION OF POLY ALPHA-1,3-GLUCAN ESTERS AND FILMS MADE THEREFROM
CL5606-WO-PCT[2]	International Procedure	PCT	Expiry Date	26 Jun 2014	PCT/US2014/044281			FILMS OF POLY ALPHA-1,3-GLUCAN ESTERS AND METHOD FOR THEIR PREPARATION
CL5607-AU-PCT	Australia	PCT	Grant	20 Dec 2013	2013370663	09 Nov 2017	2013370663	PREPARATION OF POLY ALPHA-1,3-GLUCAN ESTERS AND FILMS THEREFROM

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal title
CL5607-BR-PCT	Brazil	PCT	Abandoned	20 Dec 2013	1120150155286			PREPARATION OF POLY ALPHA-1,3-GLUCAN ESTERS AND FILMS THEREFROM
CL5607-CA-PCT	Canada	PCT	Abandoned	20 Dec 2013	2895132			PREPARATION OF POLY ALPHA-1,3-GLUCAN ESTERS AND FILMS THEREFROM
CL5607-CL-PCT	Chile	PCT	Abandoned	20 Dec 2013	1853-2015	21 Jul 2017	54965	PREPARATION OF POLY ALPHA-1,3-GLUCAN ESTERS AND FILMS THEREFROM
CL5607-CN-PCT	China	PCT	Abandoned	20 Dec 2013	201380073853.1			PREPARATION OF POLY ALPHA-1,3-GLUCAN ESTERS AND FILMS THEREFROM
CL5607-DE-EPT	Germany	EPT	Grant	20 Dec 2013	13821334.3	01 May 2019	602013054746.7	PREPARATION OF POLY ALPHA-1,3-GLUCAN ESTERS AND FILMS THEREFROM
CL5607-EP-EPT	European Procedure (Patents)	EPT	Grant	20 Dec 2013	13821334.3	01 May 2019	2938639	PREPARATION OF POLY ALPHA-1,3-GLUCAN ESTERS AND FILMS THEREFROM
CL5607-ES-EPT	Spain	EPT	Grant	20 Dec 2013	13821334.3	01 May 2019	2938639	PREPARATION OF POLY ALPHA-1,3-GLUCAN ESTERS AND FILMS THEREFROM

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal title
CL5607-FR-EPT	France	EPT	Grant	20 Dec 2013	13821334.3	01 May 2019	2938639	PREPARATION OF POLY ALPHA-1,3-GLUCAN ESTERS AND FILMS THEREFROM
CL5607-GB-EPT	United Kingdom	EPT	Grant	20 Dec 2013	13821334.3	01 May 2019	2938639	PREPARATION OF POLY ALPHA-1,3-GLUCAN ESTERS AND FILMS THEREFROM
CL5607-ID-PCT	Indonesia	PCT	Abandoned	20 Dec 2013	P00201503848	19 Feb 2019	IDP000056677	PREPARATION OF POLY ALPHA-1,3-GLUCAN ESTERS AND FILMS THEREFROM
CL5607-IN-PCT	India	PCT	Abandoned	20 Dec 2013	4673/DELNP/2015			PREPARATION OF POLY ALPHA-1,3-GLUCAN ESTERS AND FILMS THEREFROM
CL5607-IT-EPT	Italy	EPT	Grant	20 Dec 2013	13821334.3	01 May 2019	502019000057843	PREPARATION OF POLY ALPHA-1,3-GLUCAN ESTERS AND FILMS THEREFROM
CL5607-JP-PCT	Japan	PCT	Grant	20 Dec 2013	2015-550693	22 Dec 2017	6261610	PREPARATION OF POLY ALPHA-1,3-GLUCAN ESTERS AND FILMS THEREFROM
CL5607-KR-PCT	South Korea / Republic of Korea	PCT	Abandoned	20 Dec 2013	10-2015-7017106			PREPARATION OF POLY ALPHA-1,3-GLUCAN ESTERS AND FILMS THEREFROM

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal title
CL5607-MX-PCT	Mexico	PCT	Grant	20 Dec 2013	MX/a/2015/008463	09 Dec 2019	370287	PREPARATION OF POLY ALPHA-1,3-GLUCAN ESTERS AND FILMS THEREFROM
CL5607-MY-PCT	Malaysia	PCT	Abandoned	20 Dec 2013	PI2015701718	06 Jul 2019	MY-170135-A	PREPARATION OF POLY ALPHA-1,3-GLUCAN ESTERS AND FILMS THEREFROM
CL5607-NZ-PCT	New Zealand	PCT	Abandoned	20 Dec 2013	708558	28 Jan 2020	708558	PREPARATION OF POLY ALPHA-1,3-GLUCAN ESTERS AND FILMS THEREFROM
CL5607-PH-PCT	Philippines	PCT	Abandoned	20 Dec 2013	1-2015-501541	05 Apr 2019	1-2015-501541	PREPARATION OF POLY ALPHA-1,3-GLUCAN ESTERS AND FILMS THEREFROM
CL5607-SG-PCT	Singapore	PCT	Abandoned	20 Dec 2013	11201504218X	29 Aug 2017	11201504218X	PREPARATION OF POLY ALPHA-1,3-GLUCAN ESTERS AND FILMS THEREFROM
CL5607-TH-PCT	Thailand	PCT	Abandoned	20 Dec 2013	1501003590			PREPARATION OF POLY ALPHA-1,3-GLUCAN ESTERS AND FILMS THEREFROM
CL5607-US-CNT	United States Of America	CNT	Grant	02 Mar 2016	15/058406	19 Jun 2018	10000580	PREPARATION OF POLY ALPHA-1,3-GLUCAN ESTERS AND FILMS THEREFROM

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL5607-US-NP	United States Of America	NP	Grant	20 Dec 2013	14/136226	08 Mar 2016	9278988	PREPARATION OF POLY ALPHA-1,3-GLUCAN ESTERS AND FILMS THEREFROM
CL5607-US-PSP	United States Of America	PSP	Expiry Date	27 Dec 2012	61746335			METHOD FOR PREPARATION OF POLY (ALPHA-1,3 GLUCAN) MIXED ESTERS
CL5607-WO-PCT	International Procedure	PCT	Expiry Date	20 Dec 2013	PCT/US13/76919			PREPARATION OF POLY ALPHA-1,3-GLUCAN ESTERS AND FILMS THEREFROM
CL5632-US-NP	United States Of America	NP	Grant	21 Dec 2011	13/333501	10 May 2016	9334584	PROCESS FOR PREPARING POLYSACCHARIDE FIBERS FROM AQUEOUS ALKALI METAL HYDROXIDE SOLUTION
CL5635-AT-EPT	Austria	EPT	Grant	27 Dec 2012	12813240.4	24 Feb 2016	2798000	FIBER COMPOSITION COMPRISING 1,3-GLUCAN AND METHOD OF PREPARING SAME
CL5635-AU-PCT	Australia	PCT	Grant	27 Dec 2012	2012362513	27 Oct 2016	2012362513	FIBER COMPOSITION COMPRISING 1,3-GLUCAN AND METHOD OF PREPARING SAME
CL5635-CA-PCT	Canada	PCT	Abandoned	27 Dec 2012	2861595			FIBER COMPOSITION COMPRISING 1,3-GLUCAN AND METHOD OF PREPARING SAME

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL5635-CN-PCT	China	PCT	Grant	27 Dec 2012	201280065123.2	10 May 2017	201280065123.2	FIBER COMPOSITION COMPRISING 1,3-GLUCAN AND METHOD OF PREPARING SAME
CL5635-DE-EPT	Germany	EPT	Grant	27 Dec 2012	12813240.4	24 Feb 2016	602012015047.5	FIBER COMPOSITION COMPRISING 1,3-GLUCAN AND METHOD OF PREPARING SAME
CL5635-EP-EPT	European Procedure (Patents)	EPT	Grant	27 Dec 2012	12813240.4	24 Feb 2016	2798000	FIBER COMPOSITION COMPRISING 1,3-GLUCAN AND METHOD OF PREPARING SAME
CL5635-GB-EPT	United Kingdom	EPT	Grant	27 Dec 2012	12813240.4	24 Feb 2016	2798000	FIBER COMPOSITION COMPRISING 1,3-GLUCAN AND METHOD OF PREPARING SAME
CL5635-IN-PCT	India	PCT	Abandoned	27 Dec 2012	4757//DELNP/2014			FIBER COMPOSITION COMPRISING 1,3-GLUCAN AND METHOD OF PREPARING SAME
CL5635-JP-PCT	Japan	PCT	Grant	27 Dec 2012	2014-550438	16 Sep 2016	6005177	FIBER COMPOSITION COMPRISING 1,3-GLUCAN AND METHOD OF PREPARING SAME
CL5635-KR-PCT	South Korea / Republic of Korea	PCT	Abandoned	27 Dec 2012	10-2014-7020982			FIBER COMPOSITION COMPRISING 1,3-GLUCAN AND METHOD OF PREPARING SAME

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL5635-MY-PCT	Malaysia	PCT	Abandoned	27 Dec 2012	PI2014001701			FIBER COMPOSITION COMPRISING 1,3-GLUCAN AND METHOD OF PREPARING SAME
CL5635-NZ-PCT	New Zealand	PCT	Abandoned	27 Dec 2012	626099	01 Mar 2016	626099	FIBER COMPOSITION COMPRISING 1,3-GLUCAN AND METHOD OF PREPARING SAME
CL5635-PH-PCT	Philippines	PCT	Abandoned	27 Dec 2012	1-2014-501472			FIBER COMPOSITION COMPRISING 1,3-GLUCAN AND METHOD OF PREPARING SAME
CL5635-SG-PCT	Singapore	PCT	Abandoned	27 Dec 2012	11201403710R	11 Oct 2016	11201403710R	FIBER COMPOSITION COMPRISING 1,3-GLUCAN AND METHOD OF PREPARING SAME
CL5635-TH-PCT	Thailand	PCT	Abandoned	27 Dec 2012	1401003522			FIBER COMPOSITION COMPRISING 1,3-GLUCAN AND METHOD OF PREPARING SAME
CL5635-TR-EPT	Turkey	EPT	Abandoned	27 Dec 2012	12813240.4	24 Feb 2016	2016/06530	FIBER COMPOSITION COMPRISING 1,3-GLUCAN AND METHOD OF PREPARING SAME
CL5635-US-NP	United States Of America	NP	Grant	21 Dec 2012	13/723759	14 Jun 2016	9365955	FIBER COMPOSITION COMPRISING 1,3-GLUCAN AND METHOD OF PREPARING SAME

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal title
CL5635-US-PSP	United States Of America	PSP	Expiry Date	30 Dec 2011	61/582189			FIBER COMPOSITION COMPRISING 1,3-GLUCAN AND METHOD OF PERPARING SAME
CL5635-WO-PCT	International Procedure	PCT	Expiry Date	27 Dec 2012	PCT/US12/71692			FIBER COMPOSITION COMPRISING 1,3-GLUCAN AND METHOD OF PREPARING SAME
CL5661-AU-PCT	Australia	PCT	Grant	23 May 2013	2013266331	09 Feb 2017	2013266331	NOVEL COMPOSITION FOR PREPARING POLYSACCHARIDE FIBERS
CL5661-BR-PCT	Brazil	PCT	Filing	23 May 2013	1120140288704			NOVEL COMPOSITION FOR PREPARING POLYSACCHARIDE FIBERS
CL5661-CA-PCT	Canada	PCT	Abandoned	23 May 2013	2873322			NOVEL COMPOSITION FOR PREPARING POLYSACCHARIDE FIBERS
CL5661-CN-PCT	China	PCT	Grant	23 May 2013	201380027081.8	09 Nov 2016	201380027081.8	NOVEL COMPOSITION FOR PREPARING POLYSACCHARIDE FIBERS
CL5661-DE-EPT	Germany	EPT	Grant	23 May 2013	13726657.3	21 Dec 2016	602013015596.8	NOVEL COMPOSITION FOR PREPARING POLYSACCHARIDE FIBERS

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal title
CL5661-EP-EPT	European Procedure (Patents)	EPT	Grant	23 May 2013	13726657.3	21 Dec 2016	2855536	NOVEL COMPOSITION FOR PREPARING POLYSACCHARIDE FIBERS
CL5661-FR-EPT	France	EPT	Grant	23 May 2013	13726657.3	21 Dec 2016	2855536	NOVEL COMPOSITION FOR PREPARING POLYSACCHARIDE FIBERS
CL5661-ID-PCT	Indonesia	PCT	Publication of Application	23 May 2013	P00201407331			NOVEL COMPOSITION FOR PREPARING POLYSACCHARIDE FIBERS
CL5661-IN-PCT	India	PCT	Publication of Application	23 May 2013	8909/DELNP/2014			NOVEL COMPOSITION FOR PREPARING POLYSACCHARIDE FIBERS
CL5661-JP-PCT	Japan	PCT	Grant	23 May 2013	2015-514170	30 Jun 2017	6167172	NOVEL COMPOSITION FOR PREPARING POLYSACCHARIDE FIBERS
CL5661-KR-PCT	South Korea / Republic of Korea	PCT	Grant	23 May 2013	10-2014-7035559	22 Nov 2019	10-2049792	NOVEL COMPOSITION FOR PREPARING POLYSACCHARIDE FIBERS
CL5661-MY-PCT	Malaysia	PCT	Abandoned	23 May 2013	PI2014002990			NOVEL COMPOSITION FOR PREPARING POLYSACCHARIDE FIBERS

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal title
CL5661-NZ-PCT	New Zealand	PCT	Abandoned	23 May 2013	701241	03 May 2016	701241	NOVEL COMPOSITION FOR PREPARING POLYSACCHARIDE FIBERS
CL5661-PH-PCT	Philippines	PCT	Abandoned	23 May 2013	1-2014-502607			NOVEL COMPOSITION FOR PREPARING POLYSACCHARIDE FIBERS
CL5661-SG-PCT	Singapore	PCT	Abandoned	23 May 2013	11201407488S	16 Mar 2016	11201407488S	NOVEL COMPOSITION FOR PREPARING POLYSACCHARIDE FIBERS
CL5661-TH-PCT	Thailand	PCT	Publication of Application	23 May 2013	1401007000			NOVEL COMPOSITION FOR PREPARING POLYSACCHARIDE FIBERS
CL5661-US-DIV	United States Of America	DIV	Grant	16 Apr 2015	14/688801	10 Jan 2017	9540747	NOVEL COMPOSITION FOR PREPARING POLYSACCHARIDE FIBERS
CL5661-US-NP	United States Of America	NP	Grant	24 May 2012	13/479990	19 May 2015	9034092	NOVEL COMPOSITION FOR PREPARING POLYSACCHARIDE FIBERS
CL5661-WO-PCT	International Procedure	PCT	Expiry Date	23 May 2013	PCT/US13/42329			NOVEL COMPOSITION FOR PREPARING POLYSACCHARIDE FIBERS

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal title
CL5756-AU-PCT	Australia	PCT	Grant	25 Sep 2013	2013323686	12 Jan 2017	2013323686	GLUCOSYLTRANSFERASE ENZYMES FOR PRODUCTION OF GLUCAN POLYMERS
CL5756-BR-PCT	Brazil	PCT	Filing	25 Sep 2013	1120150065694			GLUCOSYLTRANSFERASE ENZYMES FOR PRODUCTION OF GLUCAN POLYMERS
CL5756-CA-PCT	Canada	PCT	Filing	25 Sep 2013	2884950			GLUCOSYLTRANSFERASE ENZYMES FOR PRODUCTION OF GLUCAN POLYMERS
CL5756-CN-PCT	China	PCT	Grant	25 Sep 2013	201380049949.4	06 Jul 2018	201380049949.4	GLUCOSYLTRANSFERASE ENZYMES FOR PRODUCTION OF GLUCAN POLYMERS
CL5756-CO-PCT	Colombia	PCT	Abandoned	25 Sep 2013	15067636			GLUCOSYLTRANSFERASE ENZYMES FOR PRODUCTION OF GLUCAN POLYMERS
CL5756-EG-PCT	Egypt	PCT	Abandoned	25 Sep 2013	PCT/423/2015			GLUCOSYLTRANSFERASE ENZYMES FOR PRODUCTION OF GLUCAN POLYMERS
CL5756-EP-EPT	European Procedure (Patents)	EPT	Publication of Application	25 Sep 2013	13774318.3			GLUCOSYLTRANSFERASE ENZYMES FOR PRODUCTION OF GLUCAN POLYMERS

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal title
CL5756-HK-FPR	Hong Kong	FPR	Grant	04 Feb 2016	16101290.7	27 Sep 2019	1213599	GLUCOSYLTRANSFERASE ENZYMES FOR PRODUCTION OF GLUCAN POLYMERS
CL5756-ID-PCT	Indonesia	PCT	Grant	25 Sep 2013	P00201501743	13 Dec 2019	IDP000065554	GLUCOSYLTRANSFERASE ENZYMES FOR PRODUCTION OF GLUCAN POLYMERS
CL5756-IL-PCT	Israel	PCT	Abandoned	25 Sep 2013	237610			GLUCOSYLTRANSFERASE ENZYMES FOR PRODUCTION OF GLUCAN POLYMERS
CL5756-IN-PCT	India	PCT	Publication of Application	25 Sep 2013	1881/DELNP/2015			GLUCOSYLTRANSFERASE ENZYMES FOR PRODUCTION OF GLUCAN POLYMERS
CL5756-JP-PCT	Japan	PCT	Grant	25 Sep 2013	2015-533292	08 Feb 2019	6475620	GLUCOSYLTRANSFERASE ENZYMES FOR PRODUCTION OF GLUCAN POLYMERS
CL5756-KR-PCT	South Korea / Republic of Korea	PCT	Abandoned	25 Sep 2013	10-2015-7010369			GLUCOSYLTRANSFERASE ENZYMES FOR PRODUCTION OF GLUCAN POLYMERS
CL5756-LK-PCT	Sri Lanka	PCT	Abandoned	25 Sep 2013	18163			GLUCOSYLTRANSFERASE ENZYMES FOR PRODUCTION OF GLUCAN POLYMERS

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal title
CL5756-MX-PCT	Mexico	PCT	Notice of Allowance	25 Sep 2013	MX/a/2015/003743			GLUCOSYLTRANSFERASE ENZYMES FOR PRODUCTION OF GLUCAN POLYMERS
CL5756-MY-PCT	Malaysia	PCT	Grant	25 Sep 2013	PI2015000552	23 Jul 2018	MY-166801-A	GLUCOSYLTRANSFERASE ENZYMES FOR PRODUCTION OF GLUCAN POLYMERS
CL5756-NZ-PCT	New Zealand	PCT	Abandoned	25 Sep 2013	705700	02 Oct 2018	705700	GLUCOSYLTRANSFERASE ENZYMES FOR PRODUCTION OF GLUCAN POLYMERS
CL5756-PH-PCT	Philippines	PCT	Abandoned	25 Sep 2013	1-2015-500661			GLUCOSYLTRANSFERASE ENZYMES FOR PRODUCTION OF GLUCAN POLYMERS
CL5756-RU-PCT	Russian Federation	PCT	Abandoned	25 Sep 2013	2015115644			GLUCOSYLTRANSFERASE ENZYMES FOR PRODUCTION OF GLUCAN POLYMERS
CL5756-SG-PCT	Singapore	PCT	Abandoned	25 Sep 2013	11201502342Y	07 Nov 2016	11201502342Y	GLUCOSYLTRANSFERASE ENZYMES FOR PRODUCTION OF GLUCAN POLYMERS
CL5756-TH-PCT	Thailand	PCT	Publication of Application	25 Sep 2013	1501001562			GLUCOSYLTRANSFERASE ENZYMES FOR PRODUCTION OF GLUCAN POLYMERS

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal title
CL5756-US-CNT[10]	United States Of America	CNT	Grant	02 May 2019	16/401166	17 Mar 2020	10590450	GLUCOSYLTRANSFERASE ENZYMES FOR PRODUCTION OF GLUCAN POLYMERS
CL5756-US-CNT[11]	United States Of America	CNT	Filing	14 Feb 2020	16/791030			GLUCOSYLTRANSFERASE ENZYMES FOR PRODUCTION OF GLUCAN POLYMERS
CL5756-US-CNT[9]	United States Of America	CNT	Grant	18 Oct 2018	16/163701	04 Jun 2019	10308968	GLUCOSYLTRANSFERASE ENZYMES FOR PRODUCTION OF GLUCAN POLYMERS
CL5756-US-DIV	United States Of America	DIV	Grant	19 Sep 2014	14/490703	29 Mar 2016	9296996	GLUCOSYLTRANSFERASE ENZYMES FOR PRODUCTION OF GLUCAN POLYMERS
CL5756-US-DIV[2]	United States Of America	DIV	Grant	19 Sep 2014	14/490706	15 Mar 2016	9284539	GLUCOSYLTRANSFERASE ENZYMES FOR PRODUCTION OF GLUCAN POLYMERS
CL5756-US-DIV[3]	United States Of America	DIV	Grant	19 Sep 2014	14/490747	05 Jan 2016	9228176	GLUCOSYLTRANSFERASE ENZYMES FOR PRODUCTION OF GLUCAN POLYMERS
CL5756-US-DIV[4]	United States Of America	DIV	Grant	19 Sep 2014	14/490754	05 Jan 2016	9228177	GLUCOSYLTRANSFERASE ENZYMES FOR PRODUCTION OF GLUCAN POLYMERS

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal title
CL5756-US-DIV[5]	United States Of America	DIV	Grant	19 Sep 2014	14/490791	16 Feb 2016	9260701	GLUCOSYLTRANSFERASE ENZYMES FOR PRODUCTION OF GLUCAN POLYMERS
CL5756-US-DIV[6]	United States Of America	DIV	Grant	19 Sep 2014	14/490828	15 Mar 2016	9284540	GLUCOSYLTRANSFERASE ENZYMES FOR PRODUCTION OF GLUCAN POLYMERS
CL5756-US-DIV[7]	United States Of America	DIV	Grant	19 Sep 2014	14/490844	16 Feb 2016	9260702	GLUCOSYLTRANSFERASE ENZYMES FOR PRODUCTION OF GLUCAN POLYMERS
CL5756-US-DIV[8]	United States Of America	DIV	Grant	19 Sep 2014	14/490869	29 Mar 2016	9296997	GLUCOSYLTRANSFERASE ENZYMES FOR PRODUCTION OF GLUCAN POLYMERS
CL5756-US-DIV[9]	United States Of America	DIV	Abandoned	25 Mar 2016	15/080691			GLUCOSYLTRANSFERASE ENZYMES FOR PRODUCTION OF GLUCAN POLYMERS
CL5756-US-NP	United States Of America	NP	Grant	25 Sep 2013	14/036049	28 Oct 2014	8871474	GLUCOSYLTRANSFERASE ENZYMES FOR PRODUCTION OF GLUCAN POLYMERS
CL5756-US-PSP	United States Of America	PSP	Expiry Date	25 Sep 2012	61/705177			GLUCOSYLTRANSFERASE ENZYMES FOR PRODUCTION OF GLUCAN POLYMERS

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal title
CL5756-WO-PCT	International Procedure	PCT	Expiry Date	25 Sep 2013	PCT/US13/61579			GLUCOSYLTRANSFERASE ENZYMES FOR PRODUCTION OF GLUCAN POLYMERS
CL5756-ZA-PCT	South Africa	PCT	Abandoned	25 Sep 2013	2015/01661			GLUCOSYLTRANSFERASE ENZYMES FOR PRODUCTION OF GLUCAN POLYMERS
CL5828-AU-PCT	Australia	PCT	Grant	16 Dec 2013	2013363174	16 Nov 2017	2013363174	PREPARATION OF POLY ALPHA-1,3-GLUCAN ETHERS
CL5828-BR-PCT	Brazil	PCT	Abandoned	16 Dec 2013	1120150137172			PREPARATION OF POLY ALPHA-1,3-GLUCAN ETHERS
CL5828-CA-PCT	Canada	PCT	Filing	16 Dec 2013	2893950			PREPARATION OF POLY ALPHA-1,3-GLUCAN ETHERS
CL5828-CL-PCT	Chile	PCT	Abandoned	16 Dec 2013	1666-2015			PREPARATION OF POLY ALPHA-1,3-GLUCAN ETHERS
CL5828-CN-PCT	China	PCT	Grant	16 Dec 2013	201380065899.9	22 Jun 2018	201380065899.9	PREPARATION OF POLY ALPHA-1,3-GLUCAN ETHERS

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL5828-DE-EPT	Germany	EPT	Grant	16 Dec 2013	13817801.7	15 May 2019	602013055518.4	PREPARATION OF POLY ALPHA-1,3-GLUCAN ETHERS
CL5828-EP-EPT	European Procedure (Patents)	EPT	Grant	16 Dec 2013	13817801.7	15 May 2019	29355339	PREPARATION OF POLY ALPHA-1,3-GLUCAN ETHERS
CL5828-ES-EPT	Spain	EPT	Grant	16 Dec 2013	13817801.7	15 May 2019	29355339	PREPARATION OF POLY ALPHA-1,3-GLUCAN ETHERS
CL5828-FR-EPT	France	EPT	Grant	16 Dec 2013	13817801.7	15 May 2019	29355339	PREPARATION OF POLY ALPHA-1,3-GLUCAN ETHERS
CL5828-GB-EPT	United Kingdom	EPT	Grant	16 Dec 2013	13817801.7	15 May 2019	29355339	PREPARATION OF POLY ALPHA-1,3-GLUCAN ETHERS
CL5828-ID-PCT	Indonesia	PCT	Abandoned	16 Dec 2013	P00201503730	19 Dec 2019		PREPARATION OF POLY ALPHA-1,3-GLUCAN ETHERS
CL5828-IN-PCT	India	PCT	Abandoned	16 Dec 2013	4580/DELNP/2015			PREPARATION OF POLY ALPHA-1,3-GLUCAN ETHERS

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL5828-IT-EPT	Italy	EPT	Grant	16 Dec 2013	1381/801.7	15 May 2019	502019000063930	PREPARATION OF POLY ALPHA-1,3-GLUCAN ETHERS
CL5828-JP-PCT	Japan	PCT	Grant	16 Dec 2013	2015-549524	24 Aug 2018	6389470	PREPARATION OF POLY ALPHA-1,3-GLUCAN ETHERS
CL5828-KR-PCT	South Korea / Republic of Korea	PCT	Abandoned	16 Dec 2013	2015-7016123			PREPARATION OF POLY ALPHA-1,3-GLUCAN ETHERS
CL5828-MX-PCT	Mexico	PCT	Grant	16 Dec 2013	MX/a/2015/007768	09 Dec 2019	370288	PREPARATION OF POLY ALPHA-1,3-GLUCAN ETHERS
CL5828-MY-PCT	Malaysia	PCT	Abandoned	16 Dec 2013	PI2015001373	09 Nov 2018	MY-168444-A	PREPARATION OF POLY ALPHA-1,3-GLUCAN ETHERS
CL5828-NZ-PCT	New Zealand	PCT	Abandoned	16 Dec 2013	708491	28 Jan 2020	708491	PREPARATION OF POLY ALPHA-1,3-GLUCAN ETHERS
CL5828-PH-PCT	Philippines	PCT	Abandoned	16 Dec 2013	1-2015-501406			PREPARATION OF POLY ALPHA-1,3-GLUCAN ETHERS

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL5828-SG-PCT	Singapore	PCT	Abandoned	16 Dec 2013	11201504397W	25 Apr 2017	11201504397W	PREPARATION OF POLY ALPHA-1,3-GLUCAN ETHERS
CL5828-TH-PCT	Thailand	PCT	Abandoned	16 Dec 2013	1501003221			PREPARATION OF POLY ALPHA-1,3-GLUCAN ETHERS
CL5828-US-CNT	United States Of America	CNT	Abandoned	19 Aug 2015	14/829835			PREPARATION OF POLY ALPHA-1,3-GLUCAN ETHERS
CL5828-US-CNT[2]	United States Of America	CNT	Abandoned	14 Jun 2018	16/008153			PREPARATION OF POLY ALPHA-1,3-GLUCAN ETHERS
CL5828-US-NP	United States Of America	NP	Grant	16 Dec 2013	14/107067	22 Sep 2015	9139718	PREPARATION OF POLY ALPHA-1,3-GLUCAN ETHERS
CL5828-US-PSP	United States Of America	PSP	Expiry Date	20 Dec 2012	61/740087			PREPARATION OF POLY (a1,3 GLUCAN) ETHERS
CL5828-WO-PCT	International Procedure	PCT	Expiry Date	16 Dec 2013	PCT/US13/75285			PREPARATION OF POLY ALPHA-1,3-GLUCAN ETHERS

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL5838-AU-PCT	Australia	PCT	Grant	15 Dec 2014	2014366222	01 Nov 2018	2014366222	USE OF POLY ALPHA-1,3-GLUCAN ETHERS AS VISCOSITY MODIFIERS
CL5838-BR-PCT	Brazil	PCT	Abandoned	15 Dec 2014	1120160136845			USE OF POLY ALPHA-1,3-GLUCAN ETHERS AS VISCOSITY MODIFIERS
CL5838-CA-PCT	Canada	PCT	Local filing	15 Dec 2014	2932498			USE OF POLY ALPHA-1,3-GLUCAN ETHERS AS VISCOSITY MODIFIERS
CL5838-CN-PCT	China	PCT	Grant	15 Dec 2014	201480075648.3	18 Jun 2019	201480075648.3	USE OF POLY ALPHA-1,3-GLUCAN ETHERS AS VISCOSITY MODIFIERS
CL5838-EP-EPT	European Procedure (Patents)	EPT	Publication of Application	15 Dec 2014	14822009.8			USE OF POLY ALPHA-1,3-GLUCAN ETHERS AS VISCOSITY MODIFIERS
CL5838-IN-PCT	India	PCT	Abandoned	15 Dec 2014	201617017941			USE OF POLY ALPHA-1,3-GLUCAN ETHERS AS VISCOSITY MODIFIERS

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal title
CL5838-JP-PCT	Japan	PCT	Grant	15 Dec 2014	2016-539973	11 Oct 2019	6598778	USE OF POLY ALPHA-1,3-GLUCAN ETHERS AS VISCOSITY MODIFIERS
CL5838-KR-PCT	South Korea / Republic of Korea	PCT	Abandoned	15 Dec 2014	10-2016-7018848			USE OF POLY ALPHA-1,3-GLUCAN ETHERS AS VISCOSITY MODIFIERS
CL5838-MX-PCT	Mexico	PCT	Notice of Allowance	15 Dec 2014	MX/a/2016/007759			USE OF POLY ALPHA-1,3-GLUCAN ETHERS AS VISCOSITY MODIFIERS
CL5838-TH-PCT	Thailand	PCT	Abandoned	15 Dec 2014	1601003281			USE OF POLY ALPHA-1,3-GLUCAN ETHERS AS VISCOSITY MODIFIERS
CL5838-US-CNT	United States Of America	CNT	Notice of Allowance	13 Jun 2018	16/007287			USE OF POLY ALPHA-1,3-GLUCAN ETHERS AS VISCOSITY MODIFIERS
CL5838-US-PCT	United States Of America	PCT	Grant	15 Dec 2014	15/103664	26 Jun 2018	10005850	USE OF POLY ALPHA-1,3-GLUCAN ETHERS AS VISCOSITY MODIFIERS

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal title
CL5838-US-PSP	United States Of America	PSP	Expiry Date	16 Dec 2013	61/916360			USE OF POLY ALPHA-1,3-GLUCAN ETHERS AS VISCOSITY MODIFIERS
CL5838-US-PSP[2]	United States Of America	PSP	Expiry Date	19 Jun 2014	62/014271			USE OF POLY ALPHA-1,3-GLUCAN ETHERS AS VISCOSITY MODIFIERS
CL5838-WO-PCT	International Procedure	PCT	Expiry Date	15 Dec 2014	PCT/US2014/070341			USE OF POLY ALPHA-1,3-GLUCAN ETHERS AS VISCOSITY MODIFIERS
CL5841-US-DIV	United States Of America	DIV	Grant	22 Sep 2015	14/861366	07 Jun 2016	9359626	GLUCOSYLTRANSFERASE ENZYMES
CL5841-US-DIV[2]	United States Of America	DIV	Grant	03 Jun 2016	15/172625	28 Mar 2017	9605292	GLUCOSYLTRANSFERASE ENZYMES
CL5841-US-NP	United States Of America	NP	Grant	04 Sep 2014	14/476790	27 Oct 2015	9169506	PROCESS FOR PRODUCING ALPHA-1,3-GLUCAN POLYMER WITH REDUCED MOLECULAR WEIGHT
CL5841-US-PSP	United States Of America	PSP	Expiry Date	05 Sep 2013	61/873851			PROCESS FOR PRODUCING ALPHA-1,3-GLUCAN POLYMER WITH REDUCED MOLECULAR WEIGHT

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL5964-AU-PCT	Australia	PCT	Grant	17 Dec 2014	2014564772	08 Nov 2018	2014564772	CATIONIC POLY ALPHA-1,3-GLUCAN ETHERS
CL5964-BR-PCT	Brazil	PCT	Filing	17 Dec 2014	1120160140141			CATIONIC POLY ALPHA-1,3-GLUCAN ETHERS
CL5964-CA-PCT	Canada	PCT	Local filing	17 Dec 2014	2932501			CATIONIC POLY ALPHA-1,3-GLUCAN ETHERS
CL5964-CN-PCT	China	PCT	Grant	17 Dec 2014	201480075832.8	12 Apr 2019	201480075832.8	CATIONIC POLY ALPHA-1,3-GLUCAN ETHERS
CL5964-EP-EPT	European Procedure (Patents)	EPT	Publication of Application	17 Dec 2014	14824697.8			CATIONIC POLY ALPHA-1,3-GLUCAN ETHERS
CL5964-IN-PCT	India	PCT	Publication of Application	17 Dec 2014	201617018550			CATIONIC POLY ALPHA-1,3-GLUCAN ETHERS
CL5964-JP-PCT	Japan	PCT	Grant	17 Dec 2014	2016-541091	26 Jul 2019	6559139	CATIONIC POLY ALPHA-1,3-GLUCAN ETHERS

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL5964-KR-PCT	South Korea / Republic of Korea	PCT	Local filing	17 Dec 2014	10-2016-7019224			CATIONIC POLY ALPHA-1,3-GLUCAN ETHERS
CL5964-MX-PCT	Mexico	PCT	Local filing	17 Dec 2014	MX/a/2016/007920			CATIONIC POLY ALPHA-1,3-GLUCAN ETHERS
CL5964-TH-PCT	Thailand	PCT	Abandoned	17 Dec 2014	1601003282			CATIONIC POLY ALPHA-1,3-GLUCAN ETHERS
CL5964-US-CNT	United States Of America	CNT	Grant	05 Apr 2018	15/945819	18 Jun 2019	10323102	CATIONIC POLY ALPHA-1,3-GLUCAN ETHERS
CL5964-US-CNT[2]	United States Of America	CNT	Publication of Application	10 May 2019	16/408540			CATIONIC POLY ALPHA-1,3-GLUCAN ETHERS
CL5964-US-PCT	United States Of America	PCT	Grant	17 Dec 2014	15/103682	01 May 2018	9957334	CATIONIC POLY ALPHA-1,3-GLUCAN ETHERS
CL5964-US-PSP	United States Of America	PSP	Expiry Date	18 Dec 2013	61/917507			CATIONIC POLY ALPHA-1,3-GLUCAN ETHERS

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal title
CL5964-US- PSP12]	United States Of America	PSP 1	Expiry Date	19 Jun 2014	62/014273			CATIONIC POLY ALPHA-1,3- GLUCAN ETHERS
CL5964-WO-PCT	International Procedure	PCT	Expiry Date	17 Dec 2014	PCT/US2014/070906			CATIONIC POLY ALPHA-1,3- GLUCAN ETHERS
CL5965-BR-PCT	Brazil	PCT	Abandoned	09 Mar 2015	1120160206916			OXIDIZED POLY ALPHA-1,3- GLUCAN
CL5965-CA-PCT	Canada	PCT	Abandoned	09 Mar 2015	2937830			OXIDIZED POLY ALPHA-1,3- GLUCAN
CL5965-CH-EPT	Switzerland	EPT	Grant	09 Mar 2015	15710089.2	24 Apr 2019	3116914	OXIDIZED POLY ALPHA-1,3- GLUCAN
CL5965-CN-PCT	China	PCT	Publication of Application	09 Mar 2015	201580013011.6			OXIDIZED POLY ALPHA-1,3- GLUCAN
CL5965-DE-EPT	Germany	EPT	Grant	09 Mar 2015	15710089.2	24 Apr 2019	602015028808.4	OXIDIZED POLY ALPHA-1,3- GLUCAN

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal title
CL5965-EP-EPT	European Procedure (Patents)	EPT	Grant	09 Mar 2015	15710089.2	24 Apr 2019	3116914	OXIDIZED POLY ALPHA-1,3-GLUCAN
CL5965-ES-EPT	Spain	EPT	Grant	09 Mar 2015	15710089.2	24 Apr 2019	3116914	OXIDIZED POLY ALPHA-1,3-GLUCAN
CL5965-FR-EPT	France	EPT	Grant	09 Mar 2015	15710089.2	24 Apr 2019	3116914	OXIDIZED POLY ALPHA-1,3-GLUCAN
CL5965-GB-EPT	United Kingdom	EPT	Grant	09 Mar 2015	15710089.2	24 Apr 2019	3116914	OXIDIZED POLY ALPHA-1,3-GLUCAN
CL5965-IN-PCT	India	PCT	Abandoned	09 Mar 2015	201617025609			OXIDIZED POLY ALPHA-1,3-GLUCAN
CL5965-IT-EPT	Italy	EPT	Grant	09 Mar 2015	15710089.2	24 Apr 2019	502019000052926	OXIDIZED POLY ALPHA-1,3-GLUCAN
CL5965-JP-PCT	Japan	PCT	Publication of Application	09 Mar 2015	2016-556757			OXIDIZED POLY ALPHA-1,3-GLUCAN

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL5965-MX-PCT	Mexico	PCT	Abandoned	09 Mar 2015	MX/a/2016/011467			OXIDIZED POLY ALPHA-1,3-GLUCAN
CL5965-US-CNT	United States Of America	CNT	Grant	01 Jun 2017	15/611081	11 Sep 2018	10072100	OXIDIZED POLY ALPHA-1,3-GLUCAN
CL5965-US-NP	United States Of America	NP	Grant	09 Mar 2015	14/641567	04 Jul 2017	9695253	OXIDIZED POLY ALPHA-1,3-GLUCAN
CL5965-US-PSP	United States Of America	PSP	Expiry Date	11 Mar 2014	61/950878			OXIDIZED POLY ALPHA-1,3-GLUCAN
CL5965-WO-PCT	International Procedure	PCT	Expiry Date	09 Mar 2015	PCT/US15/19372			OXIDIZED POLY ALPHA-1,3-GLUCAN
CL6007-AU-PCT	Australia	PCT	Local filing	22 May 2018	2018272823			IMPROVED ENZYMMATIC PRODUCTION OF ALPHA-1,3-GLUCAN
CL6007-BR-PCT	Brazil	PCT	Local filing	22 May 2018	1120190202013			IMPROVED ENZYMMATIC PRODUCTION OF ALPHA-1,3-GLUCAN

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL6007-CA-PCT	Canada	PCT	Abandoned	22 May 2018	3061734			IMPROVED ENZYMMATIC PRODUCTION OF ALPHA-1,3-GLUCAN
CL6007-CN-PCT	China	PCT	Publication of Application	22 May 2018	201880033615.0			IMPROVED ENZYMMATIC PRODUCTION OF ALPHA-1,3-GLUCAN
CL6007-EP-EPT	European Procedure (Patents)	EPT	Publication of Application	22 May 2018	18731632.8			IMPROVED ENZYMMATIC PRODUCTION OF ALPHA-1,3-GLUCAN
CL6007-IN-PCT	India	PCT	Local filing	22 May 2018	201917039654			IMPROVED ENZYMMATIC PRODUCTION OF ALPHA-1,3-GLUCAN
CL6007-JP-PCT	Japan	PCT	Local filing	22 May 2018	2019-564829			IMPROVED ENZYMMATIC PRODUCTION OF ALPHA-1,3-GLUCAN
CL6007-TH-PCT	Thailand	PCT	Local filing	22 May 2018	1901006977			IMPROVED ENZYMMATIC PRODUCTION OF ALPHA-1,3-GLUCAN
CL6007-US-NP	United States Of America	NP	Publication of Application	22 May 2018	15/985831			IMPROVED ENZYMMATIC PRODUCTION OF ALPHA-1,3-GLUCAN

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL6007-US-PSP	United States Of America	PSP	Expiry Date	23 May 2017	62/509915			IMPROVED ENZYMATIC PRODUCTION OF ALPHA-1,3-GLUCAN
CL6007-US-PSP[2]	United States Of America	PSP	Expiry Date	14 Jun 2017	62/519217			IMPROVED ENZYMATIC PRODUCTION OF ALPHA-1,3-GLUCAN
CL6007-WO-PCT	International Procedure	PCT	Expiry Date	22 May 2018	PCT/US18/33854			IMPROVED ENZYMATIC PRODUCTION OF ALPHA-1,3-GLUCAN
CL6036-BR-PCT	Brazil	PCT	Abandoned	22 May 2015	1120160278518			ENZYMATIC SYNTHESIS OF SOLUBLE GLUCAN FIBER
CL6036-CA-PCT	Canada	PCT	Abandoned	22 May 2015	2949289			ENZYMATIC SYNTHESIS OF SOLUBLE GLUCAN FIBER

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL6036-CN-PCT	China	PCT	Abandoned	22 May 2015	201580040034.6			ENZYMATIC SYNTHESIS OF SOLUBLE GLUCAN FIBER
CL6036-EP-EPT	European Procedure (Patents)	EPT	Abandoned	22 May 2015	15726500.0			ENZYMATIC SYNTHESIS OF SOLUBLE GLUCAN FIBER
CL6036-MX-PCT	Mexico	PCT	Abandoned	22 May 2015	MX/a/2016/015607			ENZYMATIC SYNTHESIS OF SOLUBLE GLUCAN FIBER
CL6036-US-PCN	United States Of America	PCN	Publication of Application	25 Jun 2019	16/451501			ENZYMATIC SYNTHESIS OF SOLUBLE GLUCAN FIBER

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL6036-US-PCT	United States Of America	PCT	Grant	22 May 2015	15/313347	16 Jul 2019	10351633	ENZYMATIC SYNTHESIS OF SOLUBLE GLUCAN FIBER
CL6036-US-PSP	United States Of America	PSP	Expiry Date	29 May 2014	62/004305			ENZYMATIC SYNTHESIS OF SOLUBLE GLUCAN FIBER
CL6036-WO-PCT	International Procedure	PCT	Expiry Date	22 May 2015	PCT/US15/32106			ENZYMATIC SYNTHESIS OF SOLUBLE GLUCAN FIBER
CL6105-AU-PCT	Australia	PCT	Grant	05 Jan 2015	2015204026	29 Nov 2018	2015204026	PRODUCTION OF POLY ALPHA-1,3-GLUCAN FILMS
CL6105-CN-PCT	China	PCT	Publication of Application	05 Jan 2015	201580012011.4			PRODUCTION OF POLY ALPHA-1,3-GLUCAN FILMS

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL6105-EP-EPT	European Procedure (Patents)	EPT	Publication of Application	05 Jan 2015	15705107.9			PRODUCTION OF POLY ALPHA-1,3-GLUCAN FILMS
CL6105-JP-PCT	Japan	PCT	Notice of Allowance	05 Jan 2015	2016-562471			PRODUCTION OF POLY ALPHA-1,3-GLUCAN FILMS
CL6105-KR-PCT	South Korea / Republic of Korea	PCT	Local filing	05 Jan 2015	10-2016-7018140			PRODUCTION OF POLY ALPHA-1,3-GLUCAN FILMS
CL6105-US-NP	United States Of America	NP	Grant	05 Jan 2015	14/589165	28 Aug 2018	10059778	PRODUCTION OF POLY ALPHA-1,3-GLUCAN FILMS
CL6105-US-PSP	United States Of America	PSP	Expiry Date	06 Jan 2014	61/923900			PRODUCTION OF POLY ALPHA-1,3-GLUCAN FILMS
CL6105-US-PSP[2]	United States Of America	PSP	Expiry Date	17 Jan 2014	61/928571			PRODUCTION OF POLY ALPHA-1,3-GLUCAN FILMS
CL6105-WO-PCT	International Procedure	PCT	Expiry Date	05 Jan 2015	PCT/US15/10139			PRODUCTION OF POLY ALPHA-1,3-GLUCAN FILMS

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL6115-AU-PCT	Australia	PCT	Grant	26 Feb 2015	2015223027	03 Jan 2019	2015223027	ENZYMATIC HYDROLYSIS OF DISACCHARIDES AND OLIGOSACCHARIDES USING ALPHA-GLUCOSIDASE ENZYMES
CL6115-BR-PCT	Brazil	PCT	Local filing	26 Feb 2015	112016019820-4			ENZYMATIC HYDROLYSIS OF DISACCHARIDES AND OLIGOSACCHARIDES USING ALPHA-GLUCOSIDASE ENZYMES
CL6115-CA-PCT	Canada	PCT	Abandoned	26 Feb 2015	2940778			ENZYMATIC HYDROLYSIS OF DISACCHARIDES AND OLIGOSACCHARIDES USING ALPHA-GLUCOSIDASE ENZYMES

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL6115-CN-PCT	China	PCT	Publication of Application	26 Feb 2015	201580010439.5			ENZYMATIC HYDROLYSIS OF DISACCHARIDES AND OLIGOSACCHARIDES USING ALPHA-GLUCOSIDASE ENZYMES
CL6115-EP-EPT	European Procedure (Patents)	EPT	Publication of Application	26 Feb 2015	15709031.7			ENZYMATIC HYDROLYSIS OF DISACCHARIDES AND OLIGOSACCHARIDES USING ALPHA-GLUCOSIDASE ENZYMES
CL6115-IN-PCT	India	PCT	Publication of Application	26 Feb 2015	201617025612			ENZYMATIC HYDROLYSIS OF DISACCHARIDES AND OLIGOSACCHARIDES USING ALPHA-GLUCOSIDASE ENZYMES

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL6115-JP-PCT	Japan	PCT	Publication of Application	26 Feb 2015	2016-554480			ENZYMATIC HYDROLYSIS OF DISACCHARIDES AND OLIGOSACCHARIDES USING ALPHA-GLUCOSIDASE ENZYMES
CL6115-TH-PCT	Thailand	PCT	Publication of Application	26 Feb 2015	1601004858			ENZYMATIC HYDROLYSIS OF DISACCHARIDES AND OLIGOSACCHARIDES USING ALPHA-GLUCOSIDASE ENZYMES
CL6115-US-CNT	United States Of America	CNT	Grant	10 May 2018	15/976246	01 Oct 2019	10428362	ENZYMATIC HYDROLYSIS OF DISACCHARIDES AND OLIGOSACCHARIDES USING ALPHA-GLUCOSIDASE ENZYMES

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL6115-US-NP	United States Of America	NP	Grant	26 Feb 2015	14/631931	29 May 2018	9982284	ENZYMATIC HYDROLYSIS OF DISACCHARIDES AND OLIGOSACCHARIDES USING ALPHA-GLUCOSIDASE ENZYMES
CL6115-US-PSP	United States Of America	PSP	Expiry Date	27 Feb 2014	61/945233			ENZYMATIC HYDROLYSIS OF DISACCHARIDES AND OLIGOSACCHARIDES USING TRANSGLUCOSIDASE AND GLUCAMYLASE ENZYMES
CL6115-WO-PCT	International Procedure	PCT	Expiry Date	26 Feb 2015	PCT/US15/17648			ENZYMATIC HYDROLYSIS OF DISACCHARIDES AND OLIGOSACCHARIDES USING ALPHA-GLUCOSIDASE ENZYMES
CL6159-AU-PCT	Australia	PCT	Local filing	11 Sep 2018	2018334513			ENGINEERED GLUCOSYLTRANSFERASES

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL6159-CN-PCT	China	PCT	Filing	11 Sep 2018	PCT/US18/50345			ENGINEERED GLUCOSYLTRANSFERASES
CL6159-EP-EPT	European Procedure (Patents)	EPT	Local filing	11 Sep 2018	18779895.4			ENGINEERED GLUCOSYLTRANSFERASES
CL6159-JP-PCT	Japan	PCT	Local filing	11 Sep 2018	PCT/US18/50345			ENGINEERED GLUCOSYLTRANSFERASES
CL6159-US-NP	United States Of America	NP	Publication of Application	11 Sep 2018	16/127288			ENGINEERED GLUCOSYLTRANSFERASES
CL6159-US-PSP	United States Of America	PSP	Expiry Date	13 Sep 2017	62/557834			ENGINEERED GLUCOSYLTRANSFERASES

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal title
CL6159-WO-PCT	International Procedure	PCT	Expiry Date	11 Sep 2018	PCT/US18/50345			ENGINEERED GLUCOSYLTRANSFERASES
CL6187-US-PCT	United States Of America	PCT	Grant	15 Jan 2015	15/110272	23 Oct 2018	10106626	PRODUCTION OF POLY ALPHA-1,3-GLUCAN FORMATE FILMS
CL6187-US-PSP	United States Of America	PSP	Expiry Date	17 Jan 2014	61/928588			PRODUCTION OF POLY ALPHA-1,3-GLUCAN FORMATE FILMS
CL6187-WO-PCT	International Procedure	PCT	Expiry Date	15 Jan 2015	PCT/US15/11551			PRODUCTION OF POLY ALPHA-1,3-GLUCAN FORMATE FILMS
CL6188-AT-EPT	Austria	EPT	Grant	16 Jan 2015	15701662.7	17 Apr 2019	3094671	PRODUCTION OF GELLED NETWORKS OF POLY ALPHA-1,3-GLUCAN FORMATE AND FILMS THEREFROM
CL6188-AU-PCT	Australia	PCT	Abandoned	16 Jan 2015	2015206354			PRODUCTION OF GELLED NETWORKS OF POLY ALPHA-1,3-GLUCAN FORMATE AND FILMS THEREFROM

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal title
CL6188-CN-PCT	China	PCT	Abandoned	16 Jan 2015	201580004570.0			PRODUCTION OF GELLED NETWORKS OF POLY ALPHA-1,3-GLUCAN FORMATE AND FILMS THEREFROM
CL6188-DE-EPT	Germany	EPT	Grant	16 Jan 2015	15701662.7	17 Apr 2019	602015028411.9	PRODUCTION OF GELLED NETWORKS OF POLY ALPHA-1,3-GLUCAN FORMATE AND FILMS THEREFROM
CL6188-EP-EPT	European Procedure (Patents)	EPT	Grant	16 Jan 2015	15701662.7	17 Apr 2019	3094671	PRODUCTION OF GELLED NETWORKS OF POLY ALPHA-1,3-GLUCAN FORMATE AND FILMS THEREFROM
CL6188-FR-EPT	France	EPT	Grant	16 Jan 2015	15701662.7	17 Apr 2019	3094671	PRODUCTION OF GELLED NETWORKS OF POLY ALPHA-1,3-GLUCAN FORMATE AND FILMS THEREFROM
CL6188-GB-EPT	United Kingdom	EPT	Grant	16 Jan 2015	15701662.7	17 Apr 2019	3094671	PRODUCTION OF GELLED NETWORKS OF POLY ALPHA-1,3-GLUCAN FORMATE AND FILMS THEREFROM
CL6188-JP-PCT	Japan	PCT	Abandoned	16 Jan 2015	2016-547004			PRODUCTION OF GELLED NETWORKS OF POLY ALPHA-1,3-GLUCAN FORMATE AND FILMS THEREFROM

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL6188-KR-PCT	South Korea / Republic of Korea	PCT	Local filing	16 Jan 2015	10-2016-7018851			PRODUCTION OF GELLED NETWORKS OF POLY ALPHA-1,3-GLUCAN FORMATE AND FILMS THEREFROM
CL6188-US-PCT	United States Of America	PCT	Abandoned	16 Jan 2015	15/109946			PRODUCTION OF GELLED NETWORKS OF POLY ALPHA-1,3-GLUCAN FORMATE AND FILMS THEREFROM
CL6188-US-PSP	United States Of America	PSP	Expiry Date	17 Jan 2014	61/928595			PRODUCTION OF GELLED NETWORKS OF POLY ALPHA-1,3-GLUCAN FORMATE AND FILMS THEREFROM
CL6188-WO-PCT	International Procedure	PCT	Expiry Date	16 Jan 2015	PCT/US15/11724			PRODUCTION OF GELLED NETWORKS OF POLY ALPHA-1,3-GLUCAN FORMATE AND FILMS THEREFROM
CL6201-CN-PCT	China	PCT	Publication of Application	11 Feb 2015	201580008474.3			GLUCOSYLTRANSFERASE ENZYMES FOR PRODUCTION OF GLUCAN POLYMERS
CL6201-DE-EPT	Germany	EPT	Grant	15 Feb 2015	15705889.2	22 Apr 2020	3105255	GLUCOSYLTRANSFERASE ENZYMES FOR PRODUCTION OF GLUCAN POLYMERS

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal title
CL6201-EP-EPT	European Procedure (Patents)	EPT	Grant	11 Feb 2015	15705889.2	22 Apr 2020	3105255	GLUCOSYLTRANSFERASE ENZYMES FOR PRODUCTION OF GLUCAN POLYMERS
CL6201-FR-EPT	France	EPT	Grant	11 Feb 2015	15705889.2	22 Apr 2020	3105255	GLUCOSYLTRANSFERASE ENZYMES FOR PRODUCTION OF GLUCAN POLYMERS
CL6201-GB-EPT	United Kingdom	EPT	Grant	11 Feb 2015	15705889.2	22 Apr 2020	3105255	GLUCOSYLTRANSFERASE ENZYMES FOR PRODUCTION OF GLUCAN POLYMERS
CL6201-US-CNT	United States Of America	CNT	Grant	23 Mar 2018	15/933534	16 Apr 2019	10260053	GLUCOSYLTRANSFERASE ENZYMES FOR PRODUCTION OF GLUCAN POLYMERS
CL6201-US-CNT[2]	United States Of America	CNT	Publication of Application	12 Apr 2019	16/382695			GLUCOSYLTRANSFERASE ENZYMES FOR PRODUCTION OF GLUCAN POLYMERS
CL6201-US-NP	United States Of America	NP	Grant	11 Feb 2015	14/619193	27 Mar 2018	9926541	GLUCOSYLTRANSFERASE ENZYMES FOR PRODUCTION OF GLUCAN POLYMERS
CL6201-US-PSP	United States Of America	PSP	Expiry Date	14 Feb 2014	61/939811			GLUCOSYLTRANSFERASE ENZYMES FOR PRODUCTION OF GLUCAN POLYMERS

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL6201-WO-PCT	International Procedure	PCT	Expiry Date	11 Feb 2015	PCT/US15/15459			ENZYMATIC HYDROLYSIS OF GLUCOSYLTRANSFERASE ENZYMES FOR PRODUCTION OF GLUCAN POLYMERS
CL6220-AU-PCT	Australia	PCT	Grant	26 Feb 2015	2015223025	03 Jan 2019	2015223025	ENZYMATIC HYDROLYSIS OF DISACCHARIDES AND OLIGOSACCHARIDES USING ALPHA-GLUCOSIDASE ENZYMES
CL6220-BR-PCT	Brazil	PCT	Local filing	26 Feb 2015	1120160198239			ENZYMATIC HYDROLYSIS OF DISACCHARIDES AND OLIGOSACCHARIDES USING ALPHA-GLUCOSIDASE ENZYMES
CL6220-CA-PCT	Canada	PCT	Abandoned	26 Feb 2015	2938144			ENZYMATIC HYDROLYSIS OF DISACCHARIDES AND OLIGOSACCHARIDES USING ALPHA-GLUCOSIDASE ENZYMES

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL6220-CN-PCT	China	PCT	Publication of Application	26 Feb 2015	201580010441.2			ENZYMATIC HYDROLYSIS OF DISACCHARIDES AND OLIGOSACCHARIDES USING ALPHA-GLUCOSIDASE ENZYMES
CL6220-EP-EPT	European Procedure (Patents)	EPT	Publication of Application	26 Feb 2015	15713257.2			ENZYMATIC HYDROLYSIS OF DISACCHARIDES AND OLIGOSACCHARIDES USING ALPHA-GLUCOSIDASE ENZYMES
CL6220-IN-PCT	India	PCT	Publication of Application	26 Feb 2015	201617025699			ENZYMATIC HYDROLYSIS OF DISACCHARIDES AND OLIGOSACCHARIDES USING ALPHA-GLUCOSIDASE ENZYMES

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL6220-JP-PCT	Japan	PCT	Publication of Application	26 Feb 2015	2016-554321			ENZYMATIC HYDROLYSIS OF DISACCHARIDES AND OLIGOSACCHARIDES USING ALPHA-GLUCOSIDASE ENZYMES
CL6220-TH-PCT	Thailand	PCT	Publication of Application	26 Feb 2015	1601004856			ENZYMATIC HYDROLYSIS OF DISACCHARIDES AND OLIGOSACCHARIDES USING ALPHA-GLUCOSIDASE ENZYMES
CL6220-US-CNT	United States Of America	CNT	Grant	24 May 2018	15/988349	12 Nov 2019	10472657	ENZYMATIC HYDROLYSIS OF DISACCHARIDES AND OLIGOSACCHARIDES USING ALPHA-GLUCOSIDASE ENZYMES

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL6220-US-NP	United States Of America	NP	Grant	26 Feb 2015	14/631962	05 Jun 2018	9988657	ENZYMATIC HYDROLYSIS OF DISACCHARIDES AND OLIGOSACCHARIDES USING ALPHA-GLUCOSIDASE ENZYMES
CL6220-US-PSP	United States Of America	PSP	Expiry Date	27 Feb 2014	61/945241			ENZYMATIC HYDROLYSIS OF DISACCHARIDES AND OLIGOSACCHARIDES USING TRANSGLUCOSIDASE ENZYMES
CL6220-WO-PCT	International Procedure	PCT	Expiry Date	26 Feb 2015	PCT/US15/17644			ENZYMATIC HYDROLYSIS OF DISACCHARIDES AND OLIGOSACCHARIDES USING ALPHA-GLUCOSIDASE ENZYMES
CL6221-AT-EPT	Austria	EPT	Abandoned	24 Mar 2015	15714152.4	06 Jun 2018	3122887	PRODUCTION OF GLUCAN POLYMERS FROM ALTERNATE SUCROSE SOURCES

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal title
CL6221-AU-PCT	Australia	PCT	Grant	24 Mar 2015	2015236336	18 Oct 2018	2015236336	PRODUCTION OF GLUCAN POLYMERS FROM ALTERNATE SUCROSE SOURCES
CL6221-BR-PCT	Brazil	PCT	Local filing	24 Mar 2015	1120160219090			PRODUCTION OF GLUCAN POLYMERS FROM ALTERNATE SUCROSE SOURCES
CL6221-CA-PCT	Canada	PCT	Abandoned	24 Mar 2015	2938128			PRODUCTION OF GLUCAN POLYMERS FROM ALTERNATE SUCROSE SOURCES
CL6221-CN-PCT	China	PCT	Publication of Application	24 Mar 2015	201580015914.8			PRODUCTION OF GLUCAN POLYMERS FROM ALTERNATE SUCROSE SOURCES
CL6221-DE-EPT	Germany	EPT	Grant	24 Mar 2015	15714152.4	06 Jun 2018	602015011856.1	PRODUCTION OF GLUCAN POLYMERS FROM ALTERNATE SUCROSE SOURCES
CL6221-EP-EPT	European Procedure (Patents)	EPT	Grant	24 Mar 2015	15714152.4	06 Jun 2018	3122887	PRODUCTION OF GLUCAN POLYMERS FROM ALTERNATE SUCROSE SOURCES

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal title
CL6221-FI-EPT	Finland	EPT	Grant	24 Mar 2015	15714152.4	06 Jun 2018	3122887	PRODUCTION OF GLUCAN POLYMERS FROM ALTERNATE SUCROSE SOURCES
CL6221-FR-EPT	France	EPT	Grant	24 Mar 2015	15714152.4	06 Jun 2018	3122887	PRODUCTION OF GLUCAN POLYMERS FROM ALTERNATE SUCROSE SOURCES
CL6221-GB-EPT	United Kingdom	EPT	Grant	24 Mar 2015	15714152.4	06 Jun 2018	3122887	PRODUCTION OF GLUCAN POLYMERS FROM ALTERNATE SUCROSE SOURCES
CL6221-IN-PCT	India	PCT	Publication of Application	24 Mar 2015	201617026234			PRODUCTION OF GLUCAN POLYMERS FROM ALTERNATE SUCROSE SOURCES
CL6221-JP-PCT	Japan	PCT	Notice of Allowance	24 Mar 2015	2016-558792			PRODUCTION OF GLUCAN POLYMERS FROM ALTERNATE SUCROSE SOURCES
CL6221-NL-EPT	Netherlands	EPT	Grant	24 Mar 2015	15714152.4	06 Jun 2018	3122887	PRODUCTION OF GLUCAN POLYMERS FROM ALTERNATE SUCROSE SOURCES

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal title
CL6221-PL-EPT	Poland	EPT	Grant	24 Mar 2015	15714152.4	06 Jun 2018	3122887	PRODUCTION OF GLUCAN POLYMERS FROM ALTERNATE SUCROSE SOURCES
CL6221-TR-EPT	Turkey	EPT	Grant	24 Mar 2015	15714152.4	06 Jun 2018	2018/12484	PRODUCTION OF GLUCAN POLYMERS FROM ALTERNATE SUCROSE SOURCES
CL6221-US-DIV	United States Of America	DIV	Grant	30 Jun 2017	15/638703	02 Oct 2018	10087479	PRODUCTION OF GLUCAN POLYMERS FROM ALTERNATE SUCROSE SOURCES
CL6221-US-NP	United States Of America	NP	Grant	24 Mar 2015	14/666443	01 Aug 2017	9719121	PRODUCTION OF GLUCAN POLYMERS FROM ALTERNATE SUCROSE SOURCES
CL6221-US-PSP	United States Of America	PSP	Expiry Date	25 Mar 2014	61/969958			PRODUCTION OF GLUCAN POLYMERS FROM ALTERNATE SUCROSE SOURCES
CL6221-WO-PCT	International Procedure	PCT	Expiry Date	24 Mar 2015	PCT/US15/22135			PRODUCTION OF GLUCAN POLYMERS FROM ALTERNATE SUCROSE SOURCES

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL6223-EP-EPT	European Procedure (Patents)	EPT	Publication of Application	17 Jun 2015	15739050.1			COMPOSITIONS CONTAINING ONE OR MORE POLY ALPHA-1,3-GLUCAN ETHER COMPOUNDS
CL6223-US-CNT	United States Of America	CNT	Grant	17 Aug 2017	15/679361	05 Mar 2019	10221378	COMPOSITIONS CONTAINING ONE OR MORE POLY ALPHA-1,3-GLUCAN ETHER COMPOUNDS
CL6223-US-CNT[2]	United States Of America	CNT	Publication of Application	15 Jan 2019	16/247750			COMPOSITIONS CONTAINING ONE OR MORE POLY ALPHA-1,3-GLUCAN ETHER COMPOUNDS
CL6223-US-NP	United States Of America	NP	Grant	17 Jun 2015	14/741769	26 Sep 2017	9771548	COMPOSITIONS CONTAINING ONE OR MORE POLY ALPHA-1,3-GLUCAN ETHER COMPOUNDS
CL6223-US-PSP	United States Of America	PSP	Expiry Date	19 Jun 2014	62/014318			COMPOSITIONS CONTAINING ONE OR MORE POLY ALPHA-1,3-GLUCAN ETHER COMPOUNDS
CL6223-WO-PCT	International Procedure	PCT	Expiry Date	17 Jun 2015	PCT/US15/36193			COMPOSITIONS CONTAINING ONE OR MORE POLY ALPHA-1,3-GLUCAN ETHER COMPOUNDS

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL6239-BR-PCT	Brazil	PCT	Local filing	22 May 2015	1120160278496			ENZYMATIC SYNTHESIS OF SOLUBLE GLUCAN FIBER
CL6239-CA-PCT	Canada	PCT	Local filing	22 May 2015	2949300			ENZYMATIC SYNTHESIS OF SOLUBLE GLUCAN FIBER
CL6239-CN-PCT	China	PCT	Publication of Application	22 May 2015	201580028534.8			ENZYMATIC SYNTHESIS OF SOLUBLE GLUCAN FIBER
CL6239-EP-EPT	European Procedure (Patents)	EPT	Publication of Application	22 May 2015	15727221.2			ENZYMATIC SYNTHESIS OF SOLUBLE GLUCAN FIBER
CL6239-MX-PCT	Mexico	PCT	Local filing	22 May 2015	MX/a/2016/015703			ENZYMATIC SYNTHESIS OF SOLUBLE GLUCAN FIBER
CL6239-US-PCT	United States Of America	PCT	Recordal	22 May 2015	15/313321			ENZYMATIC SYNTHESIS OF SOLUBLE GLUCAN FIBER

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL6239-US-PSP	United States Of America	PSP	Expiry Date	29 May 2014	62/004314			ENZYMATIC SYNTHESIS OF SOLUBLE GLUCAN FIBER
CL6239-WO-PCT	International Procedure	PCT	Expiry Date	22 May 2015	PCT/US15/32139			ENZYMATIC SYNTHESIS OF SOLUBLE GLUCAN FIBER
CL6241-CN-PCT	China	PCT	Grant	25 Jun 2015	201580034360.6	17 Dec 2019	201580034360.6	PRODUCTION OF POLY ALPHA-1,3-GLUCAN FOOD CASINGS
CL6241-EP-EPT	European Procedure (Patents)	EPT	Publication of Application	25 Jun 2015	15734787.3			PRODUCTION OF POLY ALPHA-1,3-GLUCAN FOOD CASINGS
CL6241-JP-PCT	Japan	PCT	Abandoned	25 Jun 2015	2016-574930			PRODUCTION OF POLY ALPHA-1,3-GLUCAN FOOD CASINGS
CL6241-US-PCT	United States Of America	PCT	Abandoned	25 Jun 2015	15/320566			PRODUCTION OF POLY ALPHA-1,3-GLUCAN FOOD CASINGS
CL6241-US-PSP	United States Of America	PSP	Expiry Date	26 Jun 2014	62/017494			PRODUCTION OF POLY ALPHA-1,3-GLUCAN FOOD CASINGS

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL6241-WO-PCT	International Procedure	PCT	Expiry Date	25 Jun 2015	PCT/US15/37656			PRODUCTION OF POLY ALPHA-1,3-GLUCAN FOOD CASINGS
CL6244-CH-EPT	Switzerland	EPT	Grant	18 Jun 2015	15733057.2	03 Oct 2018	3157640	COMPOSITIONS CONTAINING ONE OR MORE POLY ALPHA-1,3-GLUCAN ETHER COMPOUNDS
CL6244-DE-EPT	Germany	EPT	Grant	18 Jun 2015	15733057.2	03 Oct 2018	602015017492.5	COMPOSITIONS CONTAINING ONE OR MORE POLY ALPHA-1,3-GLUCAN ETHER COMPOUNDS
CL6244-EP-EPT	European Procedure (Patents)	EPT	Grant	18 Jun 2015	15733057.2	03 Oct 2018	3157640	COMPOSITIONS CONTAINING ONE OR MORE POLY ALPHA-1,3-GLUCAN ETHER COMPOUNDS
CL6244-ES-EPT	Spain	EPT	Grant	18 Jun 2015	15733057.2	03 Oct 2018	3157640	COMPOSITIONS CONTAINING ONE OR MORE POLY ALPHA-1,3-GLUCAN ETHER COMPOUNDS

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL6244-FR-EPT	France	EPT	Grant	18 Jun 2015	15733057.2	03 Oct 2018	3157640	COMPOSITIONS CONTAINING ONE OR MORE POLY ALPHA-1,3-GLUCAN ETHER COMPOUNDS
CL6244-GB-EPT	United Kingdom	EPT	Grant	18 Jun 2015	15733057.2	03 Oct 2018	3157640	COMPOSITIONS CONTAINING ONE OR MORE POLY ALPHA-1,3-GLUCAN ETHER COMPOUNDS
CL6244-IT-EPT	Italy	EPT	Grant	18 Jun 2015	15733057.2	03 Oct 2018	502018000039164	COMPOSITIONS CONTAINING ONE OR MORE POLY ALPHA-1,3-GLUCAN ETHER COMPOUNDS
CL6244-US-CNT	United States Of America	CNT	Grant	30 Jun 2017	15/638808	29 Jan 2019	10190079	COMPOSITIONS CONTAINING ONE OR MORE POLY ALPHA-1,3-GLUCAN ETHER COMPOUNDS
CL6244-US-NP	United States Of America	NP	Grant	17 Jun 2015	14/741813	25 Jul 2017	9714403	COMPOSITIONS CONTAINING ONE OR MORE POLY ALPHA-1,3-GLUCAN ETHER COMPOUNDS

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL6244-US-PSP	United States Of America	PSP	Expiry Date	19 Jun 2014	62/014322			COMPOSITIONS CONTAINING ONE OR MORE POLY ALPHA-1,3-GLUCAN ETHER COMPOUNDS
CL6244-WO-PCT	International Procedure	PCT	Expiry Date	18 Jun 2015	PCT/US15/36497			COMPOSITIONS CONTAINING ONE OR MORE POLY ALPHA-1,3-GLUCAN ETHER COMPOUNDS
CL6259-CN-PCT	China	PCT	Publication of Application	25 Jun 2015	201580044890.9			PRODUCTION OF POLY ALPHA-1,3-GLUCAN FILMS
CL6259-EP-EPT	European Procedure (Patents)	EPT	Publication of Application	25 Jun 2015	15745605.4			PRODUCTION OF POLY ALPHA-1,3-GLUCAN FILMS
CL6259-JP-PCT	Japan	PCT	Abandoned	25 Jun 2015	2016-574910			PRODUCTION OF POLY ALPHA-1,3-GLUCAN FILMS
CL6259-US-PCT	United States Of America	PCT	Abandoned	25 Jun 2015	15/320582			PRODUCTION OF POLY ALPHA-1,3-GLUCAN FILMS

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL6259-US-PSP	United States Of America	PSP	Expiry Date	26 Jun 2014	62/017469			PRODUCTION OF POLY ALPHA-1,3-GLUCAN FILMS
CL6259-WO-PCT	International Procedure	PCT	Expiry Date	25 Jun 2015	PCT/US15/37622			PRODUCTION OF POLY ALPHA-1,3-GLUCAN FILMS
CL6276-EP-EPT	European Procedure (Patents)	EPT	Publication of Application	07 Nov 2016	16809567.7			GLUCAN FIBER COMPOSITIONS FOR USE IN LAUNDRY CARE AND FABRIC CARE
CL6276-JP-PCT	Japan	PCT	Local filing	07 Nov 2016	2018-524355			GLUCAN FIBER COMPOSITIONS FOR USE IN LAUNDRY CARE AND FABRIC CARE
CL6276-US-PCN	United States Of America	PCN	Publication of Application	20 May 2019	16/416318			GLUCAN FIBER COMPOSITIONS FOR USE IN LAUNDRY CARE AND FABRIC CARE
CL6276-US-PCT	United States Of America	PCT	Publication of Application	07 Nov 2016	15/765538			GLUCAN FIBER COMPOSITIONS FOR USE IN LAUNDRY CARE AND FABRIC CARE

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal title
CL6276-US-PSP	United States Of America	PSP	Expiry Date	19 Jun 2014	62/014156			GLUCAN FIBER COMPOSITIONS FOR USE IN LAUNDRY CARE AND FABRIC CARE
CL6276-US-PSP[2]	United States Of America	PSP	Expiry Date	13 Nov 2015	62/255155			GLUCAN FIBER COMPOSITIONS FOR USE IN LAUNDRY CARE AND FABRIC CARE
CL6276-WO-PCT	International Procedure	PCT	Expiry Date	07 Nov 2016	PCT/US16/60820			GLUCAN FIBER COMPOSITIONS FOR USE IN LAUNDRY CARE AND FABRIC CARE
CL6277-EP-EPT	European Procedure (Patents)	EPT	Publication of Application	07 Nov 2016	16797703.2			GLUCAN FIBER COMPOSITIONS FOR USE IN LAUNDRY CARE AND FABRIC CARE
CL6277-JP-PCT	Japan	PCT	Local filing	07 Nov 2016	2018-524494			GLUCAN FIBER COMPOSITIONS FOR USE IN LAUNDRY CARE AND FABRIC CARE
CL6277-US-PCT	United States Of America	PCT	Publication of Application	07 Nov 2016	15/765545			GLUCAN FIBER COMPOSITIONS FOR USE IN LAUNDRY CARE AND FABRIC CARE

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL6277-US-PSP	United States Of America	PSP	Expiry Date	19 Jun 2014	62/014157			GLUCAN FIBER COMPOSITIONS FOR USE IN LAUNDRY CARE AND FABRIC CARE
CL6277-US-PSP[2]	United States Of America	PSP	Expiry Date	13 Nov 2015	62/255185			GLUCAN FIBER COMPOSITIONS FOR USE IN LAUNDRY CARE AND FABRIC CARE
CL6277-WO-PCT	International Procedure	PCT	Expiry Date	07 Nov 2016	PCT/US16/60832			GLUCAN FIBER COMPOSITIONS FOR USE IN LAUNDRY CARE AND FABRIC CARE
CL6278-EP-EPT	European Procedure (Patents)	EPT	Publication of Application	07 Nov 2016	16804958.3			GLUCAN FIBER COMPOSITIONS FOR USE IN LAUNDRY CARE AND FABRIC CARE
CL6278-JP-PCT	Japan	PCT	Local filing	07 Nov 2016	2018-524354			GLUCAN FIBER COMPOSITIONS FOR USE IN LAUNDRY CARE AND FABRIC CARE
CL6278-US-PCT	United States Of America	PCT	Publication of Application	07 Nov 2016	15/765558			GLUCAN FIBER COMPOSITIONS FOR USE IN LAUNDRY CARE AND FABRIC CARE

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL6278-US-PSP	United States Of America	PSP	Expiry Date	19 Jun 2014	62/014158			GLUCAN FIBER COMPOSITIONS FOR USE IN LAUNDRY CARE AND FABRIC CARE
CL6278-US-PSP[2]	United States Of America	PSP	Expiry Date	13 Nov 2015	62/255217			GLUCAN FIBER COMPOSITIONS FOR USE IN LAUNDRY CARE AND FABRIC CARE
CL6278-WO-PCT	International Procedure	PCT	Expiry Date	07 Nov 2016	PCT/US16/60839			GLUCAN FIBER COMPOSITIONS FOR USE IN LAUNDRY CARE AND FABRIC CARE
CL6291-CN-PCT	China	PCT	Abandoned	25 Jun 2015	201580034784.2			PREPARATION OF POLY ALPHA-1,3-GLUCAN ESTER FILMS
CL6291-EP-EPT	European Procedure (Patents)	EPT	Publication of Application	25 Jun 2015	15741410.3			PREPARATION OF POLY ALPHA-1,3-GLUCAN ESTER FILMS
CL6291-JP-PCT	Japan	PCT	Abandoned	25 Jun 2015	2016-574931			PREPARATION OF POLY ALPHA-1,3-GLUCAN ESTER FILMS
CL6291-US-PCT	United States Of America	PCT	Abandoned	25 Jun 2015	15/320878			PREPARATION OF POLY ALPHA-1,3-GLUCAN ESTER FILMS

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL6291-US-PSP	United States Of America	PSP	Expiry Date	26 Jun 2014	62/017450			PREPARATION OF POLY ALPHA-1,3-GLUCAN ESTER FILMS
CL6291-WO-PCT	International Procedure	PCT	Expiry Date	25 Jun 2015	PCT/US15/37634			PREPARATION OF POLY ALPHA-1,3-GLUCAN ESTER FILMS
CL6294-AU-PCT	Australia	PCT	Grant	05 Nov 2015	2015342990	12 Dec 2019	2015342990	ENZYMATICALLY POLYMERIZED GELLING DEXTRANS
CL6294-BR-PCT	Brazil	PCT	Local filing	05 Nov 2015	1120170089769			ENZYMATICALLY POLYMERIZED GELLING DEXTRANS
CL6294-CA-PCT	Canada	PCT	Local filing	05 Nov 2015	2964165			ENZYMATICALLY POLYMERIZED GELLING DEXTRANS
CL6294-CN-PCT	China	PCT	Notice of Allowance	05 Nov 2015	201580060302.0			ENZYMATICALLY POLYMERIZED GELLING DEXTRANS

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal title
CL6294-DE-EPT	Germany	EPT	Grant	05 Nov 2015	15798600.1	08 Jan 2020	602015045257.7	ENZYMATICALLY POLYMERIZED GELLING DEXTRANS
CL6294-EP-EPT	European Procedure (Patents)	EPT	Grant	05 Nov 2015	15798600.1	08 Jan 2020	3215543	ENZYMATICALLY POLYMERIZED GELLING DEXTRANS
CL6294-ES-EPT	Spain	EPT	Grant	05 Nov 2015	15798600.1	08 Jan 2020	3215543	ENZYMATICALLY POLYMERIZED GELLING DEXTRANS
CL6294-FR-EPT	France	EPT	Grant	05 Nov 2015	15798600.1	08 Jan 2020	3215543	ENZYMATICALLY POLYMERIZED GELLING DEXTRANS
CL6294-GB-EPT	United Kingdom	EPT	Grant	05 Nov 2015	15798600.1	08 Jan 2020	3215543	ENZYMATICALLY POLYMERIZED GELLING DEXTRANS

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal title
CL6294-IN-PCT	India	PCT	Publication of Application	05 Nov 2015	201717012741			ENZYMATICALLY POLYMERIZED GELLING DEXTRANS
CL6294-IT-EPT	Italy	EPT	Grant	05 Nov 2015	15798600.1	08 Jan 2020	502020000031681	ENZYMATICALLY POLYMERIZED GELLING DEXTRANS
CL6294-JP-PCT	Japan	PCT	Publication of Application	05 Nov 2015	2017-543312			ENZYMATICALLY POLYMERIZED GELLING DEXTRANS
CL6294-MX-PCT	Mexico	PCT	Grant	05 Nov 2015	MX/a/17/005784	04 Feb 2020	371549	ENZYMATICALLY POLYMERIZED GELLING DEXTRANS
CL6294-US-CNT	United States Of America	CNT	Publication of Application	24 Aug 2018	16/111514			ENZYMATICALLY POLYMERIZED GELLING DEXTRANS

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL6294-US-NP	United States Of America	NP	Grant	05 Nov 2015	14/933128	28 Aug 2018	10059779	ENZYMATICALLY POLYMERIZED GELLING DEXTRANS
CL6294-US-PSP	United States Of America	PSP	Expiry Date	05 Nov 2014	62/075460			ENZYMATICALLY POLYMERIZED GELLING DEXTRANS
CL6294-WO-PCT	International Procedure	PCT	Expiry Date	05 Nov 2015	PCT/US15/59261			ENZYMATICALLY POLYMERIZED GELLING DEXTRANS
CL6319-DE-EPT	Germany	EPT	Grant	11 Dec 2015	15823237.1	04 Mar 2020	3237455	POLYSACCHARIDE COMPOSITIONS FOR ABSORBING AQUEOUS LIQUID
CL6319-EP-EPT	European Procedure (Patents)	EPT	Grant	11 Dec 2015	15823237.1	04 Mar 2020	3237455	POLYSACCHARIDE COMPOSITIONS FOR ABSORBING AQUEOUS LIQUID
CL6319-FR-EPT	France	EPT	Grant	11 Dec 2015	15823237.1	04 Mar 2020	3237455	POLYSACCHARIDE COMPOSITIONS FOR ABSORBING AQUEOUS LIQUID

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL6319-GB-EPT	United Kingdom	EPT	Grant	11 Dec 2015	15823237.1	04 Mar 2020	3237455	POLYSACCHARIDE COMPOSITIONS FOR ABSORBING AQUEOUS LIQUID
CL6319-US-CNT	United States Of America	CNT	Grant	13 Apr 2018	15/952401	05 May 2020	10639611	POLYSACCHARIDE COMPOSITIONS FOR ABSORBING AQUEOUS LIQUID
CL6319-US-NP	United States Of America	NP	Grant	11 Dec 2015	14/965961	15 May 2018	9968910	POLYSACCHARIDE COMPOSITIONS FOR ABSORBING AQUEOUS LIQUID
CL6319-US-PSP	United States Of America	PSP	Expiry Date	22 Dec 2014	62/095423			POLYSACCHARIDE COMPOSITIONS FOR ABSORBING AQUEOUS LIQUID
CL6319-WO-PCT	International Procedure	PCT	Expiry Date	11 Dec 2015	PCT/US15/65171			POLYSACCHARIDE COMPOSITIONS FOR ABSORBING AQUEOUS LIQUID
CL6322-AU-PCT	Australia	PCT	Local filing	02 Feb 2016	2016215488			COLLOIDAL DISPERSIONS OF POLY ALPHA-1,3-GLUCAN BASED POLYMERS
CL6322-BR-PCT	Brazil	PCT	Local filing	02 Feb 2016	1120170124815			COLLOIDAL DISPERSIONS OF POLY ALPHA-1,3-GLUCAN BASED POLYMERS

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal title
CL6322-CA-PCT	Canada	PCT	Abandoned	02 Feb 2016	2970175			COLLOIDAL DISPERSIONS OF POLY ALPHA-1,3-GLUCAN BASED POLYMERS
CL6322-CH-EPT	Switzerland	EPT	Grant	02 Feb 2016	16705005.3	22 Apr 2020	3253454	COLLOIDAL DISPERSIONS OF POLY ALPHA-1,3-GLUCAN BASED POLYMERS
CL6322-CN-PCT	China	PCT	Publication of Application	02 Feb 2016	201680008600.X			COLLOIDAL DISPERSIONS OF POLY ALPHA-1,3-GLUCAN BASED POLYMERS
CL6322-DE-EPT	Germany	EPT	Grant	02 Feb 2016	16705005.3	22 Apr 2020	3253454	COLLOIDAL DISPERSIONS OF POLY ALPHA-1,3-GLUCAN BASED POLYMERS
CL6322-EP-EPT	European Procedure (Patents)	EPT	Grant	02 Feb 2016	16705005.3	22 Apr 2020	3253454	COLLOIDAL DISPERSIONS OF POLY ALPHA-1,3-GLUCAN BASED POLYMERS
CL6322-ES-EPT	Spain	EPT	Grant	02 Feb 2016	16705005.3	22 Apr 2020	3253454	COLLOIDAL DISPERSIONS OF POLY ALPHA-1,3-GLUCAN BASED POLYMERS

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal title
CL6322-FR-EPT	France	EPT	Grant	02 Feb 2016	16705005.3	22 Apr 2020	3253454	COLLOIDAL DISPERSIONS OF POLY ALPHA-1,3-GLUCAN BASED POLYMERS
CL6322-GB-EPT	United Kingdom	EPT	Grant	02 Feb 2016	16705005.3	22 Apr 2020	3253454	COLLOIDAL DISPERSIONS OF POLY ALPHA-1,3-GLUCAN BASED POLYMERS
CL6322-IN-PCT	India	PCT	Publication of Application	02 Feb 2016	201717020005			COLLOIDAL DISPERSIONS OF POLY ALPHA-1,3-GLUCAN BASED POLYMERS
CL6322-IT-EPT	Italy	EPT	Grant	02 Feb 2016	16705005.3	22 Apr 2020	3253454	COLLOIDAL DISPERSIONS OF POLY ALPHA-1,3-GLUCAN BASED POLYMERS
CL6322-JP-PCT	Japan	PCT	Local filing	02 Feb 2016	2017-541300			COLLOIDAL DISPERSIONS OF POLY ALPHA-1,3-GLUCAN BASED POLYMERS
CL6322-KR-PCT	South Korea / Republic of Korea	PCT	Local filing	02 Feb 2016	10-2017-7021623			COLLOIDAL DISPERSIONS OF POLY ALPHA-1,3-GLUCAN BASED POLYMERS

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal title
CL6322-TH-PCT	Thailand	PCT	Publication of Application	02 Feb 2016	1701003943			COLLOIDAL DISPERSIONS OF POLY ALPHA-1,3-GLUCAN BASED POLYMERS
CL6322-US-PCT	United States Of America	PCT	Recordal	02 Feb 2016	15/548916			COLLOIDAL DISPERSIONS OF POLY ALPHA-1,3-GLUCAN BASED POLYMERS
CL6322-US-PSP	United States Of America	PSP	Expiry Date	06 Feb 2015	62/112960			COLLOIDAL DISPERSIONS OF POLY ALPHA-1,3-GLUCAN BASED POLYMERS
CL6322-WO-PCT	International Procedure	PCT	Expiry Date	02 Feb 2016	PCT/US16/16136			COLLOIDAL DISPERSIONS OF POLY ALPHA-1,3-GLUCAN BASED POLYMERS
CL6340-US-NP	United States Of America	NP	Grant	02 Feb 2016	15/013279	09 May 2017	9644322	SOLID ARTICLES FROM POLY ALPHA-1,3-GLUCAN AND WOOD PULP
CL6340-US-PSP	United States Of America	PSP	Expiry Date	06 Feb 2015	62/112916			SOLID ARTICLES FROM POLY ALPHA-1,3-GLUCAN AND WOOD PULP

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL6359-AU-PCT	Australia	PCT	Local filing	23 Jun 2016	2016285548			PREPARATION OF POLY ALPHA-1,3-GLUCAN ESTERS USING CYCLIC ORGANIC ANHYDRIDES
CL6359-BR-PCT	Brazil	PCT	Abandoned	23 Jun 2016	1120170281678			PREPARATION OF POLY ALPHA-1,3-GLUCAN ESTERS USING CYCLIC ORGANIC ANHYDRIDES
CL6359-CN-PCT	China	PCT	Publication of Application	23 Jun 2016	201680038871.X			PREPARATION OF POLY ALPHA-1,3-GLUCAN ESTERS USING CYCLIC ORGANIC ANHYDRIDES
CL6359-DE-EPT	Germany	EPT	Publication of Application	23 Jun 2016	16734840.8			PREPARATION OF POLY ALPHA-1,3-GLUCAN ESTERS USING CYCLIC ORGANIC ANHYDRIDES
CL6359-EP-EPT	European Procedure (Patents)	EPT	Publication of Application	23 Jun 2016	16734840.8			PREPARATION OF POLY ALPHA-1,3-GLUCAN ESTERS USING CYCLIC ORGANIC ANHYDRIDES
CL6359-ES-EPT	Spain	EPT	Publication of Application	23 Jun 2016	16734840.8			PREPARATION OF POLY ALPHA-1,3-GLUCAN ESTERS USING CYCLIC ORGANIC ANHYDRIDES

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL6359-FR-EPT	France	EPT	Publication of Application	23 Jun 2016	16734840.8			PREPARATION OF POLY ALPHA-1,3-GLUCAN ESTERS USING CYCLIC ORGANIC ANHYDRIDES
CL6359-GB-EPT	United Kingdom	EPT	Publication of Application	23 Jun 2016	16734840.8			PREPARATION OF POLY ALPHA-1,3-GLUCAN ESTERS USING CYCLIC ORGANIC ANHYDRIDES
CL6359-IN-PCT	India	PCT	Abandoned	23 Jun 2016	201717043846			PREPARATION OF POLY ALPHA-1,3-GLUCAN ESTERS USING CYCLIC ORGANIC ANHYDRIDES
CL6359-IT-EPT	Italy	EPT	Publication of Application	23 Jun 2016	16734840.8			PREPARATION OF POLY ALPHA-1,3-GLUCAN ESTERS USING CYCLIC ORGANIC ANHYDRIDES
CL6359-JP-PCT	Japan	PCT	Local filing	23 Jun 2016	2017-567776			PREPARATION OF POLY ALPHA-1,3-GLUCAN ESTERS USING CYCLIC ORGANIC ANHYDRIDES
CL6359-KR-PCT	South Korea / Republic of Korea	PCT	Abandoned	23 Jun 2016	10-2018-7002384			PREPARATION OF POLY ALPHA-1,3-GLUCAN ESTERS USING CYCLIC ORGANIC ANHYDRIDES

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL6359-US-PCN	United States Of America	PCN	Filing	02 Apr 2020	16/838230			PREPARATION OF POLY ALPHA-1,3-GLUCAN ESTERS USING CYCLIC ORGANIC ANHYDRIDES
CL6359-US-PCT	United States Of America	PCT	Publication of Application	23 Jun 2016	15/578434			PREPARATION OF POLY ALPHA-1,3-GLUCAN ESTERS USING CYCLIC ORGANIC ANHYDRIDES
CL6359-US-PSP	United States Of America	PSP	Expiry Date	30 Jun 2015	62/186570			PREPARATION OF POLY ALPHA-1,3-GLUCAN ESTERS USING CYCLIC ORGANIC ANHYDRIDES
CL6359-WO-PCT	International Procedure	PCT	Expiry Date	23 Jun 2016	PCT/US2016/038909			PREPARATION OF POLY ALPHA-1,3-GLUCAN ESTERS USING CYCLIC ORGANIC ANHYDRIDES
CL6374-AU-PCT	Australia	PCT	Local filing	13 Feb 2018	2018221352			CROSSLINKED DEXTRAN-POLY ALPHA-1,3-GLUCAN GRAFT COPOLYMERS
CL6374-CN-PCT	China	PCT	Publication of Application	13 Feb 2018	201880011867.3			CROSSLINKED DEXTRAN-POLY ALPHA-1,3-GLUCAN GRAFT COPOLYMERS

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL6374-EP-EPT	European Procedure (Patents)	EPT	Publication of Application	13 Feb 2018	18707521.3			CROSSLINKED DEXTRAN-POLY ALPHA-1,3-GLUCAN GRAFT COPOLYMERS
CL6374-JP-PCT	Japan	PCT	Publication of Application	13 Feb 2018	2019-544030			CROSSLINKED DEXTRAN-POLY ALPHA-1,3-GLUCAN GRAFT COPOLYMERS
CL6374-KR-PCT	South Korea / Republic of Korea	PCT	Abandoned	13 Feb 2018	10-2019-7026279			CROSSLINKED DEXTRAN-POLY ALPHA-1,3-GLUCAN GRAFT COPOLYMERS
CL6374-US-PCT	United States Of America	PCT	Publication of Application	13 Feb 2018	16/485312			CROSSLINKED DEXTRAN-POLY ALPHA-1,3-GLUCAN GRAFT COPOLYMERS
CL6374-US-PSP	United States Of America	PSP	Expiry Date	16 Feb 2017	62/459800			CROSSLINKED DEXTRAN-POLY ALPHA-1,3-GLUCAN GRAFT COPOLYMERS
CL6374-US-PSP[2]	United States Of America	PSP	Expiry Date	25 Apr 2017	62/489500			CROSSLINKED DEXTRAN AND CROSSLINKED DEXTRAN-POLY ALPHA-1,3-GLUCAN GRAFT COPOLYMERS
CL6374-WO-PCT	International Procedure	PCT	Expiry Date	13 Feb 2018	PCT/US18/17907			CROSSLINKED DEXTRAN-POLY ALPHA-1,3-GLUCAN GRAFT COPOLYMERS

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL6391-AU-PCT	Australia	PCT	Local filing	17 Dec 2015	2015369929			POLYMERIC BLEND CONTAINING POLY ALPHA-1,3-GLUCAN
CL6391-BR-PCT	Brazil	PCT	Local filing	17 Dec 2015	1120170133687			POLYMERIC BLEND CONTAINING POLY ALPHA-1,3-GLUCAN
CL6391-CH-EPT	Switzerland	EPT	Publication of Application	17 Dec 2015	15821229.0			POLYMERIC BLEND CONTAINING POLY ALPHA-1,3-GLUCAN
CL6391-CN-PCT	China	PCT	Publication of Application	17 Dec 2015	201580070135.8			POLYMERIC BLEND CONTAINING POLY ALPHA-1,3-GLUCAN
CL6391-EP-EPT	European Procedure (Patents)	EPT	Publication of Application	17 Dec 2015	15821229.0			POLYMERIC BLEND CONTAINING POLY ALPHA-1,3-GLUCAN
CL6391-IN-PCT	India	PCT	Publication of Application	17 Dec 2015	201717012269			POLYMERIC BLEND CONTAINING POLY ALPHA-1,3-GLUCAN
CL6391-IT-EPT	Italy	EPT	Publication of Application	17 Dec 2015	15821229.0			POLYMERIC BLEND CONTAINING POLY ALPHA-1,3-GLUCAN

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL6391-JP-PCT	Japan	PCT	Publication of Application	17 Dec 2015	2017-551573			POLYMERIC BLEND CONTAINING POLY ALPHA-1,3-GLUCAN
CL6391-KR-PCT	South Korea / Republic of Korea	PCT	Local filing	17 Dec 2015	10-2017-7016573			POLYMERIC BLEND CONTAINING POLY ALPHA-1,3-GLUCAN
CL6391-TH-PCT	Thailand	PCT	Publication of Application	17 Dec 2015	1701002662			POLYMERIC BLEND CONTAINING POLY ALPHA-1,3-GLUCAN
CL6391-US-PCT	United States Of America	PCT	Recordal	17 Dec 2015	15/533414			POLYMERIC BLEND CONTAINING POLY ALPHA-1,3-GLUCAN
CL6391-US-PSP	United States Of America	PSP	Expiry Date	22 Dec 2014	62/095429			POLYMERIC BLEND CONTAINING POLY ALPHA-1,3-GLUCAN
CL6391-WO-PCT	International Procedure	PCT	Expiry Date	17 Dec 2015	PCT/US15/66317			POLYMERIC BLEND CONTAINING POLY ALPHA-1,3-GLUCAN
CL6392-AU-PCT[2]	Australia	PCT	Grant	15 Dec 2015	2015369967	10 Oct 2019	2015369967	ENZYMATICALLY PRODUCED CELLULOSE

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL6392-CA-PCT[2]	Canada	PCT	Abandoned	15 Dec 2015	2969242			ENZYMATICALLY PRODUCED CELLULOSE
CL6392-CN-PCT[2]	China	PCT	Publication of Application	15 Dec 2015	201580070420.X			ENZYMATICALLY PRODUCED CELLULOSE
CL6392-DE-EPT[2]	Germany	EPT	Grant	15 Dec 2015	15820010.5	24 Oct 2018	602015018860.8	ENZYMATICALLY PRODUCED CELLULOSE
CL6392-EP-EPT[2]	European Procedure (Patents)	EPT	Grant	15 Dec 2015	15820010.5	24 Oct 2018	3237632	ENZYMATICALLY PRODUCED CELLULOSE
CL6392-FR-EPT[2]	France	EPT	Grant	15 Dec 2015	15820010.5	24 Oct 2018	3237632	ENZYMATICALLY PRODUCED CELLULOSE
CL6392-GB-EPT[2]	United Kingdom	EPT	Grant	15 Dec 2015	15820010.5	24 Oct 2018	3237632	ENZYMATICALLY PRODUCED CELLULOSE
CL6392-JP-PCT[2]	Japan	PCT	Publication of Application	15 Dec 2015	2017-533766			ENZYMATICALLY PRODUCED CELLULOSE

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL6392-US-PCD[2]	United States Of America	PCD	Grant	15 Nov 2018	16/191483	27 Aug 2019	10392641	ENZYMATICALLY PRODUCED CELLULOSE
CL6392-US-PCN[2]	United States Of America	PCN	Publication of Application	23 Aug 2019	16/549092			ENZYMATICALLY PRODUCED CELLULOSE
CL6392-US-PCT[2]	United States Of America	PCT	Grant	15 Dec 2015	15/532550	20 Nov 2018	10131929	ENZYMATICALLY PRODUCED CELLULOSE
CL6392-WO-PCT	International Procedure	PCT	Expiry Date	23 Dec 2014	PCT/CN2014/094594			ENZYMATICALLY PRODUCED CELLULOSE
CL6392-WO-PCT[2]	International Procedure	PCT	Expiry Date	15 Dec 2015	PCT/US15/65707			ENZYMATICALLY PRODUCED CELLULOSE
CL6395-AU-PCT	Australia	PCT	Local filing	13 Sep 2017	2017326168			ENGINEERED GLUCOSYLTRANSFERASES

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL6395-BR-PCT	Brazil	PCT	Local filing	13 Sep 2017	1120190042130			ENGINEERED GLUCOSYLTRANSFERASES
CL6395-CA-PCT	Canada	PCT	Abandoned	13 Sep 2017	3033369			ENGINEERED GLUCOSYLTRANSFERASES
CL6395-CN-PCT	China	PCT	Publication of Application	13 Sep 2017	201780055064.3			ENGINEERED GLUCOSYLTRANSFERASES
CL6395-EP-EPT	European Procedure (Patents)	EPT	Publication of Application	13 Sep 2017	17772809.4			ENGINEERED GLUCOSYLTRANSFERASES

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL6395-IN-PCT	India	PCT	Local filing	13 Sep 2017	201917005021			ENGINEERED GLUCOSYLTRANSFERASES
CL6395-JP-PCT	Japan	PCT	Local filing	13 Sep 2017	2019-535206			ENGINEERED GLUCOSYLTRANSFERASES
CL6395-TH-PCT	Thailand	PCT	Local filing	13 Sep 2017	1901001516			ENGINEERED GLUCOSYLTRANSFERASES
CL6395-US-CNT	United States Of America	CNT	Publication of Application	11 Apr 2019	16/381010			ENGINEERED GLUCOSYLTRANSFERASES

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL6395-US-NP	United States Of America	NP	Grant	13 Sep 2017	15/702893	28 May 2019	10301604	ENGINEERED GLUCOSYLTRANSFERASES
CL6395-US-PSP	United States Of America	PSP	Expiry Date	14 Sep 2016	62/394354			ENGINEERED GLUCOSYLTRANSFERASES
CL6395-WO-PCT	International Procedure	PCT	Expiry Date	13 Sep 2017	PCT/US17/51279			ENGINEERED GLUCOSYLTRANSFERASES
CL6399-AU-PCT[2]	Australia	PCT	Local filing	15 Dec 2015	2015369965			ENZYMATICALLY PRODUCED CELLULOSE
CL6399-CA-PCT[2]	Canada	PCT	Local filing	15 Dec 2015	2969241			ENZYMATICALLY PRODUCED CELLULOSE

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL6399-CN-PCT[2]	China	PCT	Publication of Application	15 Dec 2015	201580070778.2			ENZYMATICALLY PRODUCED CELLULOSE
CL6399-EP-EPT[2]	European Procedure (Patents)	EPT	Publication of Application	15 Dec 2015	15820007.1			ENZYMATICALLY PRODUCED CELLULOSE
CL6399-JP-PCT[2]	Japan	PCT	Publication of Application	15 Dec 2015	2017-533754			ENZYMATICALLY PRODUCED CELLULOSE
CL6399-US-PCT[2]	United States Of America	PCT	Publication of Application	15 Dec 2015	15/532635			ENZYMATICALLY PRODUCED CELLULOSE
CL6399-WO-PCT	International Procedure	PCT	Expiry Date	23 Dec 2014	PCT/CN2014/094593			ENZYMATICALLY PRODUCED CELLULOSE
CL6399-WO-PCT[2]	International Procedure	PCT	Expiry Date	15 Dec 2015	PCT/US15/65699			ENZYMATICALLY PRODUCED CELLULOSE
CL6413-AT-EPT	Austria	EPT	Grant	19 May 2016	16727267.3	31 Jul 2019	3303697	POLY ALPHA-1,3-GLUCAN FIBRIDS AND USES THEREOF AND PROCESSES TO MAKE POLY ALPHA-1,3-GLUCAN FIBRIDS

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL6413-AU-PCD	Australia	PCD	Filing	12 Aug 2019	2019216602			POLY ALPHA-1,3-GLUCAN FIBRIDS AND USES THEREOF AND PROCESSES TO MAKE POLY ALPHA-1,3-GLUCAN FIBRIDS
CL6413-AU-PCT	Australia	PCT	Local filing	19 May 2016	2016270307			POLY ALPHA-1,3-GLUCAN FIBRIDS AND USES THEREOF AND PROCESSES TO MAKE POLY ALPHA-1,3-GLUCAN FIBRIDS
CL6413-BR-PCT	Brazil	PCT	Local filing	19 May 2016	1120170258080			POLY ALPHA-1,3-GLUCAN FIBRIDS AND USES THEREOF AND PROCESSES TO MAKE POLY ALPHA-1,3-GLUCAN FIBRIDS
CL6413-CA-PCT	Canada	PCT	Local filing	19 May 2016	2985685			POLY ALPHA-1,3-GLUCAN FIBRIDS AND USES THEREOF AND PROCESSES TO MAKE POLY ALPHA-1,3-GLUCAN FIBRIDS
CL6413-CN-PCT	China	PCT	Publication of Application	19 May 2016	201680032183.2			POLY ALPHA-1,3-GLUCAN FIBRIDS AND USES THEREOF AND PROCESSES TO MAKE POLY ALPHA-1,3-GLUCAN FIBRIDS
CL6413-DE-EPT	Germany	EPT	Grant	19 May 2016	16727267.3	31 Jul 2019	3303697	POLY ALPHA-1,3-GLUCAN FIBRIDS AND USES THEREOF AND PROCESSES TO MAKE POLY ALPHA-1,3-GLUCAN FIBRIDS

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL6413-EP-EPT	European Procedure (Patents)	EPT	Grant	19 May 2016	16727267.3	31 Jul 2019	3303697	POLY ALPHA-1,3-GLUCAN FIBRIDS AND USES THEREOF AND PROCESSES TO MAKE POLY ALPHA-1,3-GLUCAN FIBRIDS
CL6413-EP-ETD	European Procedure (Patents)	ETD	Publication of Application	29 Apr 2019	19171563.0			POLY ALPHA-1,3-GLUCAN FIBRIDS AND USES THEREOF AND PROCESSES TO MAKE POLY ALPHA-1,3-GLUCAN FIBRIDS
CL6413-FI-EPT	Finland	EPT	Grant	19 May 2016	16727267.3	31 Jul 2019	3303697	POLY ALPHA-1,3-GLUCAN FIBRIDS AND USES THEREOF AND PROCESSES TO MAKE POLY ALPHA-1,3-GLUCAN FIBRIDS
CL6413-FR-EPT	France	EPT	Grant	19 May 2016	16727267.3	31 Jul 2019	3303697	POLY ALPHA-1,3-GLUCAN FIBRIDS AND USES THEREOF AND PROCESSES TO MAKE POLY ALPHA-1,3-GLUCAN FIBRIDS
CL6413-HR-EPT	Croatia	EPT	Grant	19 May 2016	16727267.3	31 Jul 2019	3303697	POLY ALPHA-1,3-GLUCAN FIBRIDS AND USES THEREOF AND PROCESSES TO MAKE POLY ALPHA-1,3-GLUCAN FIBRIDS
CL6413-IN-PCT	India	PCT	Publication of Application	19 May 2016	201717039526			POLY ALPHA-1,3-GLUCAN FIBRIDS AND USES THEREOF AND PROCESSES TO MAKE POLY ALPHA-1,3-GLUCAN FIBRIDS

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL6413-IT-EPT	Italy	EPT	Grant	19 May 2016	16727267.3	31 Jul 2019	502019000088529	POLY ALPHA-1,3-GLUCAN FIBRIDS AND USES THEREOF AND PROCESSES TO MAKE POLY ALPHA-1,3-GLUCAN FIBRIDS
CL6413-JP-PCT	Japan	PCT	Publication of Application	19 May 2016	2017-562351			POLY ALPHA-1,3-GLUCAN FIBRIDS AND USES THEREOF AND PROCESSES TO MAKE POLY ALPHA-1,3-GLUCAN FIBRIDS
CL6413-KR-PCT	South Korea / Republic of Korea	PCT	Local filing	19 May 2016	10-2017-7036975			POLY ALPHA-1,3-GLUCAN FIBRIDS AND USES THEREOF AND PROCESSES TO MAKE POLY ALPHA-1,3-GLUCAN FIBRIDS
CL6413-NO-EPT	Norway	EPT	Grant	19 May 2016	16727267.3	31 Jul 2019	3303697	POLY ALPHA-1,3-GLUCAN FIBRIDS AND USES THEREOF AND PROCESSES TO MAKE POLY ALPHA-1,3-GLUCAN FIBRIDS
CL6413-SE-EPT	Sweden	EPT	Grant	19 May 2016	16727267.3	31 Jul 2019	3303697	POLY ALPHA-1,3-GLUCAN FIBRIDS AND USES THEREOF AND PROCESSES TO MAKE POLY ALPHA-1,3-GLUCAN FIBRIDS
CL6413-SI-EPT	Slovenia	EPT	Grant	19 May 2016	16727267.3	31 Jul 2019	3303697	POLY ALPHA-1,3-GLUCAN FIBRIDS AND USES THEREOF AND PROCESSES TO MAKE POLY ALPHA-1,3-GLUCAN FIBRIDS

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL6413-TH-PCT	Thailand	PCT	Publication of Application	19 May 2016	1701007066			POLY ALPHA-1,3-GLUCAN FIBRIDS AND USES THEREOF AND PROCESSES TO MAKE POLY ALPHA-1,3-GLUCAN FIBRIDS
CL6413-US-PCT	United States Of America	PCT	Publication of Application	19 May 2016	15/572257			POLY ALPHA-1,3-GLUCAN FIBRIDS AND USES THEREOF AND PROCESSES TO MAKE POLY ALPHA-1,3-GLUCAN FIBRIDS
CL6413-US-PSP	United States Of America	PSP	Expiry Date	01 Jun 2015	62/169086			POLY ALPHA-1,3-GLUCAN FIBRIDS AND USES THEREOF AND PROCESSES TO MAKE POLY ALPHA-1,3-GLUCAN FIBRIDS
CL6413-WO-PCT	International Procedure	PCT	Expiry Date	19 May 2016	PCT/US16/33249			POLY ALPHA-1,3-GLUCAN FIBRIDS AND USES THEREOF AND PROCESSES TO MAKE POLY ALPHA-1,3-GLUCAN FIBRIDS
CL6422-AU-PCT	Australia	PCT	Local filing	28 Mar 2016	2016243410			OXIDIZED DEXTRAN
CL6422-CA-PCT	Canada	PCT	Abandoned	28 Mar 2016	2975280			OXIDIZED DEXTRAN

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal title
CL6422-CN-PCT	China	PCT	Publication of Application	28 Mar 2016	201680019066.2			OXIDIZED DEXTRAN
CL6422-EP-EPT	European Procedure (Patents)	EPT	Publication of Application	28 Mar 2016	16726214.6			OXIDIZED DEXTRAN
CL6422-JP-PCT	Japan	PCT	Abandoned	28 Mar 2016	2017-551695			OXIDIZED DEXTRAN
CL6422-US-PCT	United States Of America	PCT	Publication of Application	28 Mar 2016	15/550883			OXIDIZED DEXTRAN
CL6422-US-PSP	United States Of America	PSP	Expiry Date	03 Apr 2015	62/142649			OXIDIZED DEXTRAN
CL6422-WO-PCT	International Procedure	PCT	Expiry Date	28 Mar 2016	PCT/US16/24580			OXIDIZED DEXTRAN
CL6423-AU-PCT	Australia	PCT	Local filing	28 Mar 2016	2016243411			GELLING DEXTRAN ETHERS

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal title
CL6423-CA-PCT	Canada	PCT	Abandoned	28 Mar 2016	2975289			GELLING DEXTRAN ETHERS
CL6423-CN-PCT	China	PCT	Publication of Application	28 Mar 2016	201680019036.1			GELLING DEXTRAN ETHERS
CL6423-EP-EPT	European Procedure (Patents)	EPT	Publication of Application	28 Mar 2016	16758306.1			GELLING DEXTRAN ETHERS
CL6423-JP-PCT	Japan	PCT	Abandoned	28 Mar 2016	2017-551693			GELLING DEXTRAN ETHERS
CL6423-US-PCN	United States Of America	PCN	Filing decision					GELLING DEXTRAN ETHERS
CL6423-US-PCT	United States Of America	PCT	Grant	28 Mar 2016	15/550833	28 Apr 2020	10633683	GELLING DEXTRAN ETHERS
CL6423-US-PSP	United States Of America	PSP	Expiry Date	03 Apr 2015	62/142654			GELLING DEXTRAN ETHERS

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal title
CL6423-WO-PCT	International Procedure	PCT	Expiry Date	28 Mar 2016	PCT/US16/24582			GELLING DEXTRAN ETHERS
CL6452-AU-PCT	Australia	PCT	Local filing	15 Jun 2016	2016280700			GLUCOSYLTRANSFERASE AMINO ACID MOTIFS FOR ENZYMATIC PRODUCTION OF LINEAR POLY ALPHA-1,3-GLUCAN
CL6452-BR-PCT	Brazil	PCT	Local filing	15 Jun 2016	1120170270900			GLUCOSYLTRANSFERASE AMINO ACID MOTIFS FOR ENZYMATIC PRODUCTION OF LINEAR POLY ALPHA-1,3-GLUCAN
CL6452-CA-PCT	Canada	PCT	Abandoned	15 Jun 2016	2989337			GLUCOSYLTRANSFERASE AMINO ACID MOTIFS FOR ENZYMATIC PRODUCTION OF LINEAR POLY ALPHA-1,3-GLUCAN
CL6452-CN-PCT	China	PCT	Publication of Application	15 Jun 2016	201680047380.1			GLUCOSYLTRANSFERASE AMINO ACID MOTIFS FOR ENZYMATIC PRODUCTION OF LINEAR POLY ALPHA-1,3-GLUCAN

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL6452-EP-EPT	European Procedure (Patents)	EPT	Publication of Application	15 Jun 2016	16731767.6			GLUCOSYLTRANSFERASE AMINO ACID MOTIFS FOR ENZYMATIC PRODUCTION OF LINEAR POLY ALPHA-1,3-GLUCAN
CL6452-IN-PCT	India	PCT	Publication of Application	15 Jun 2016	201717046294			GLUCOSYLTRANSFERASE AMINO ACID MOTIFS FOR ENZYMATIC PRODUCTION OF LINEAR POLY ALPHA-1,3-GLUCAN
CL6452-JP-PCT	Japan	PCT	Publication of Application	15 Jun 2016	2017-565150			GLUCOSYLTRANSFERASE AMINO ACID MOTIFS FOR ENZYMATIC PRODUCTION OF LINEAR POLY ALPHA-1,3-GLUCAN
CL6452-TH-PCT	Thailand	PCT	Publication of Application	15 Jun 2016	1701007468			GLUCOSYLTRANSFERASE AMINO ACID MOTIFS FOR ENZYMATIC PRODUCTION OF LINEAR POLY ALPHA-1,3-GLUCAN
CL6452-US-CNT	United States Of America	CNT	Grant	14 Nov 2018	16/190231	28 Apr 2020	10633638	GLUCOSYLTRANSFERASE AMINO ACID MOTIFS FOR ENZYMATIC PRODUCTION OF LINEAR POLY ALPHA-1,3-GLUCAN

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL6452-US-NP	United States Of America	NP	Abandoned	15 Jun 2016	15/182747			GLUCOSYLTRANSFERASE AMINO ACID MOTIFS FOR ENZYMATC PRODUCTION OF LINEAR POLY ALPHA-1,3-GLUCAN
CL6452-US-PSP	United States Of America	PSP	Expiry Date	17 Jun 2015	62/180779			GLUCOSYLTRANSFERASE AMINO ACID MOTIFS FOR ENZYMATC PRODUCTION OF LINEAR POLY ALPHA-1,3-GLUCAN
CL6452-WO-PCT	International Procedure	PCT	Expiry Date	15 Jun 2016	PCT/US16/37673			GLUCOSYLTRANSFERASE AMINO ACID MOTIFS FOR ENZYMATC PRODUCTION OF LINEAR POLY ALPHA-1,3-GLUCAN
CL6456-AU-PCT	Australia	PCT	Local filing	14 Dec 2016	2016371897			PRODUCTION AND COMPOSITION OF FRUCTOSE SYRUP

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal title
CL6456-BR-PCT	Brazil	PCT	Local filing	14 Dec 2016	1120180118010			PRODUCTION AND COMPOSITION OF FRUCTOSE SYRUP
CL6456-CA-PCT	Canada	PCT	Abandoned	14 Dec 2016	3006987			PRODUCTION AND COMPOSITION OF FRUCTOSE SYRUP
CL6456-CN-PCT	China	PCT	Publication of Application	14 Dec 2016	201680079025.2			PRODUCTION AND COMPOSITION OF FRUCTOSE SYRUP

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal title
CL6456-EP-EPT	European Procedure (Patents)	EPT	Publication of Application	14 Dec 2016	16822332.9			PRODUCTION AND COMPOSITION OF FRUCTOSE SYRUP
CL6456-IN-PCT	India	PCT	Local filing	14 Dec 2016	201817019517			PRODUCTION AND COMPOSITION OF FRUCTOSE SYRUP
CL6456-JP-PCT	Japan	PCT	Local filing	14 Dec 2016	2018-549422			PRODUCTION AND COMPOSITION OF FRUCTOSE SYRUP

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal title
CL6456-TH-PCT	Thailand	PCT	Local filing	14 Dec 2016	1801003478			PRODUCTION AND COMPOSITION OF FRUCTOSE SYRUP
CL6456-US-CNT	United States Of America	CNT	Publication of Application	22 Feb 2019	16/282571			PRODUCTION AND COMPOSITION OF FRUCTOSE SYRUP
CL6456-US-NP	United States Of America	NP	Grant	14 Dec 2015	14/967659	23 Apr 2019	10266861	PRODUCTION AND COMPOSITION OF FRUCTOSE SYRUP

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal title
CL6456-WO-PCT	International Procedure	PCT	Expiry Date	14 Dec 2016	PCT/US16/66517			PRODUCTION AND COMPOSITION OF FRUCTOSE SYRUP
CL6461-CN-PCT	China	PCT	Publication of Application	19 May 2016	201680032162.0			STRUCTURED LIQUID COMPOSITIONS COMPRISING COLLOIDAL DISPERSIONS OF POLY ALPHA-1,3-GLUCAN
CL6461-EP-EPT	European Procedure (Patents)	EPT	Publication of Application	19 May 2016	16727053.7			STRUCTURED LIQUID COMPOSITIONS COMPRISING COLLOIDAL DISPERSIONS OF POLY ALPHA-1,3-GLUCAN
CL6461-US-PCT	United States Of America	PCT	Notice of Allowance	09 Sep 2019	15/572223			STRUCTURED LIQUID COMPOSITIONS COMPRISING COLLOIDAL DISPERSIONS OF POLY ALPHA-1,3-GLUCAN

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal title
CL6461-US-PSP	United States Of America	PSP	Expiry Date	01 Jun 2015	62/169103			STRUCTURED LIQUID COMPOSITIONS COMPRISING COLLOIDAL DISPERSIONS OF POLY ALPHA-1,3-GLUCAN
CL6461-WO-PCT	International Procedure	PCT	Expiry Date	19 May 2016	PCT/US16/33245			STRUCTURED LIQUID COMPOSITIONS COMPRISING COLLOIDAL DISPERSIONS OF POLY ALPHA-1,3-GLUCAN
CL6480-DE-EPT	Germany	EPT	Grant	15 Jun 2016	16734785.5	06 May 2020	3310906	MODIFIED GLUCOSYLTRANSFERASES FOR PRODUCING BRANCHED ALPHA-GLUCAN POLYMERS
CL6480-EP-EPT	European Procedure (Patents)	EPT	Grant	15 Jun 2016	16734785.5	06 May 2020	3310906	MODIFIED GLUCOSYLTRANSFERASES FOR PRODUCING BRANCHED ALPHA-GLUCAN POLYMERS
CL6480-FR-EPT	France	EPT	Grant	15 Jun 2016	16734785.5	06 May 2020	3310906	MODIFIED GLUCOSYLTRANSFERASES FOR PRODUCING BRANCHED ALPHA-GLUCAN POLYMERS

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL6480-GB-EPT	United Kingdom	EPT	Grant	15 Jun 2016	16734785.5	06 May 2020	3310906	MODIFIED GLUCOSYLTRANSFERASES FOR PRODUCING BRANCHED ALPHA-GLUCAN POLYMERS
CL6480-US-CNT	United States Of America	CNT	Grant	18 Apr 2018	15/955923	17 Dec 2019	10508268	MODIFIED GLUCOSYLTRANSFERASES FOR PRODUCING BRANCHED ALPHA-GLUCAN POLYMERS
CL6480-US-NP	United States Of America	NP	Grant	15 Jun 2016	15/182778	05 Jun 2018	9988610	MODIFIED GLUCOSYLTRANSFERASES FOR PRODUCING BRANCHED ALPHA-GLUCAN POLYMERS
CL6480-US-PSP	United States Of America	PSP	Expiry Date	17 Jun 2015	62/180788			MODIFIED GLUCOSYLTRANSFERASES FOR PRODUCING BRANCHED ALPHA-GLUCAN POLYMERS
CL6480-WO-PCT	International Procedure	PCT	Expiry Date	15 Jun 2016	PCT/US16/37661			MODIFIED GLUCOSYLTRANSFERASES FOR PRODUCING BRANCHED ALPHA-GLUCAN POLYMERS
CL6487-AT-EPT	Austria	EPT	Grant	29 Aug 2016	16760889.2	07 Aug 2019	3341417	BENZYL ALPHA-(1->3)-GLUCAN AND FIBERS THEREOF

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL6487-CH-EPT	Switzerland	EPT	Grant	29 Aug 2016	16760889.2	07 Aug 2019	3341417	BENZYL ALPHA-(1->3)-GLUCAN AND FIBERS THEREOF
CL6487-CN-PCT	China	PCT	Publication of Application	29 Aug 2016	201680049723.8			BENZYL ALPHA-(1->3)-GLUCAN AND FIBERS THEREOF
CL6487-DE-EPT	Germany	EPT	Grant	29 Aug 2016	16760889.2	07 Aug 2019	602016018249.1	BENZYL ALPHA-(1->3)-GLUCAN AND FIBERS THEREOF
CL6487-EP-EPT	European Procedure (Patents)	EPT	Grant	29 Aug 2016	16760889.2	07 Aug 2019	3341417	BENZYL ALPHA-(1->3)-GLUCAN AND FIBERS THEREOF
CL6487-ES-EPT	Spain	EPT	Grant	29 Aug 2016	16760889.2	07 Aug 2019	3341417	BENZYL ALPHA-(1->3)-GLUCAN AND FIBERS THEREOF
CL6487-FR-EPT	France	EPT	Grant	29 Aug 2016	16760889.2	07 Aug 2019	3341417	BENZYL ALPHA-(1->3)-GLUCAN AND FIBERS THEREOF
CL6487-GB-EPT	United Kingdom	EPT	Grant	29 Aug 2016	16760889.2	07 Aug 2019	3341417	BENZYL ALPHA-(1->3)-GLUCAN AND FIBERS THEREOF

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL6487-IT-EPT	Italy	EPT	Grant	29 Aug 2016	16760889.2	07 Aug 2019	502019000091222	BENZYL ALPHA-(1->3)-GLUCAN AND FIBERS THEREOF
CL6487-US-PCT	United States Of America	PCT	Publication of Application	29 Aug 2016	15/751530			BENZYL ALPHA-(1->3)-GLUCAN AND FIBERS THEREOF
CL6487-US-PSP	United States Of America	PSP	Expiry Date	28 Aug 2015	62/211236			BENZYL ALPHA-(1-3)-GLUCAN
CL6487-WO-PCT	International Procedure	PCT	Expiry Date	29 Aug 2016	PCT/US16/49194			BENZYL ALPHA-(1->3)-GLUCAN AND FIBERS THEREOF
CL6500-AU-PCT	Australia	PCT	Local filing	04 Nov 2016	2016348441			DEXTRAN-POLY ALPHA-1,3-GLUCAN GRAFT COPOLYMERS AND SYNTHESIS METHODS THEREOF
CL6500-BR-PCT	Brazil	PCT	Local filing	04 Nov 2016	1120180079820			DEXTRAN-POLY ALPHA-1,3-GLUCAN GRAFT COPOLYMERS AND SYNTHESIS METHODS THEREOF
CL6500-CA-PCT	Canada	PCT	Local filing	04 Nov 2016	3003078			DEXTRAN-POLY ALPHA-1,3-GLUCAN GRAFT COPOLYMERS AND SYNTHESIS METHODS THEREOF

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal title
CL6500-CN-PCT	China	PCT	Publication of Application	04 Nov 2016	201680064555.X			DEXTRAN-POLY ALPHA-1,3-GLUCAN GRAFT COPOLYMERS AND SYNTHESIS METHODS THEREOF
CL6500-EP-EPT	European Procedure (Patents)	EPT	Publication of Application	04 Nov 2016	16805239.7			DEXTRAN-POLY ALPHA-1,3-GLUCAN GRAFT COPOLYMERS AND SYNTHESIS METHODS THEREOF
CL6500-IN-PCT	India	PCT	Local filing	04 Nov 2016	201817012869			DEXTRAN-POLY ALPHA-1,3-GLUCAN GRAFT COPOLYMERS AND SYNTHESIS METHODS THEREOF
CL6500-JP-PCT	Japan	PCT	Local filing	04 Nov 2016	2018-543063			DEXTRAN-POLY ALPHA-1,3-GLUCAN GRAFT COPOLYMERS AND SYNTHESIS METHODS THEREOF
CL6500-TH-PCT	Thailand	PCT	Publication of Application	04 Nov 2016	1801002655			DEXTRAN-POLY ALPHA-1,3-GLUCAN GRAFT COPOLYMERS AND SYNTHESIS METHODS THEREOF
CL6500-US-PCT	United States Of America	PCT	Local filing	04 Nov 2016	15/765522			DEXTRAN-POLY ALPHA-1,3-GLUCAN GRAFT COPOLYMERS AND SYNTHESIS METHODS THEREOF
CL6500-US-PSP	United States Of America	PSP	Expiry Date	05 Nov 2015	62/251183			DEXTRAN-POLY ALPHA-1,3-GLUCAN GRAFT COPOLYMERS AND SYNTHESIS METHODS THEREOF

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal title
CL6500-WO-PCT	International Procedure	PCT	Expiry Date	04 Nov 2016	PCT/US16/60579			DEXTRAN-POLY ALPHA-1,3-GLUCAN GRAFT COPOLYMERS AND SYNTHESIS METHODS THEREOF
CL6515-AU-PCT	Australia	PCT	Local filing	24 Oct 2016	2016347044			POLYSACCHARIDE COATINGS FOR PAPER
CL6515-CA-PCT	Canada	PCT	Local filing	24 Oct 2016	2997563			POLYSACCHARIDE COATINGS FOR PAPER
CL6515-CN-PCT	China	PCT	Publication of Application	24 Oct 2016	201680062848.4			POLYSACCHARIDE COATINGS FOR PAPER
CL6515-EP-EPT	European Procedure (Patents)	EPT	Publication of Application	24 Oct 2016	16798023.4			POLYSACCHARIDE COATINGS FOR PAPER
CL6515-JP-PCT	Japan	PCT	Local filing	24 Oct 2016	2018-541094			POLYSACCHARIDE COATINGS FOR PAPER
CL6515-KR-PCT	South Korea / Republic of Korea	PCT	Local filing	24 Oct 2016	10-2018-7011938			POLYSACCHARIDE COATINGS FOR PAPER

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal title
CL6515-RU-PCT	Russian Federation	PCT	Publication of Application	24 Oct 2016	2018115392			POLYSACCHARIDE COATINGS FOR PAPER
CL6515-US-PCT	United States Of America	PCT	Publication of Application	24 Oct 2016	15/756659			POLYSACCHARIDE COATINGS FOR PAPER
CL6515-US-PSP	United States Of America	PSP	Expiry Date	26 Oct 2015	62/246349			POLYSACCHARIDE COATINGS FOR PAPER
CL6515-US-PSP[P2]	United States Of America	PSP	Expiry Date	05 Nov 2015	62/251191			POLYSACCHARIDE COATINGS FOR PAPER
CL6515-WO-PCT	International Procedure	PCT	Expiry Date	24 Oct 2016	PCT/US2016/058436			POLYSACCHARIDE COATINGS FOR PAPER
CL6521-AU-PCT	Australia	PCT	Local filing	24 Oct 2016	2016347048			WATER INSOLUBLE ALPHA-(1,3-GLUCAN) COMPOSITION
CL6521-CA-PCT	Canada	PCT	Local filing	24 Oct 2016	2998773			WATER INSOLUBLE ALPHA-(1,3-GLUCAN) COMPOSITION

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL6521-CN-PCT	China	PCT	Publication of Application	24 Oct 2016	201680062791.8			WATER INSOLUBLE ALPHA-(1,3-GLUCAN) COMPOSITION
CL6521-EP-EPT	European Procedure (Patents)	EPT	Publication of Application	24 Oct 2016	16788394.1			WATER INSOLUBLE ALPHA-(1,3-GLUCAN) COMPOSITION
CL6521-JP-PCT	Japan	PCT	Local filing	24 Oct 2016	2018-541095			WATER INSOLUBLE ALPHA-(1,3-GLUCAN) COMPOSITION
CL6521-KR-PCT	South Korea / Republic of Korea	PCT	Local filing	24 Oct 2016	10-2018-7014311			WATER INSOLUBLE ALPHA-(1,3-GLUCAN) COMPOSITION
CL6521-RU-PCT	Russian Federation	PCT	Publication of Application	24 Oct 2016	2018119291			WATER INSOLUBLE ALPHA-(1,3-GLUCAN) COMPOSITION
CL6521-US-PCT	United States Of America	PCT	Notice of Allowance	24 Oct 2016	15/756681			WATER INSOLUBLE ALPHA-(1,3-GLUCAN) COMPOSITION
CL6521-US-PSP	United States Of America	PSP	Expiry Date	26 Oct 2015	62/246308			WATER INSOLUBLE ALPHA-(1,3-GLUCAN) COMPOSITION

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL6521-WO-PCT	International Procedure	PCT	Expiry Date	24 Oct 2016	PCT/US16/58453			WATER INSOLUBLE ALPHA-(1,3-GLUCAN) COMPOSITION
CL6535-AU-PCT	Australia	PCT	Local filing	20 Jul 2017	2017298399			POLYURETHANE POLYMERS COMPRISING POLYSACCHARIDES
CL6535-BR-PCT	Brazil	PCT	Local filing	20 Jul 2017	112019001171-4			POLYURETHANE POLYMERS COMPRISING POLYSACCHARIDES
CL6535-CN-PCT	China	PCT	Publication of Application	20 Jul 2017	201780045493.2			POLYURETHANE POLYMERS COMPRISING POLYSACCHARIDES
CL6535-EP-EPT	European Procedure (Patents)	EPT	Publication of Application	20 Jul 2017	17746297.5			POLYURETHANE POLYMERS COMPRISING POLYSACCHARIDES

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL6535-JP-PCT	Japan	PCT	Local filing	20 Jul 2017	2019-503210			POLYURETHANE POLYMERS COMPRISING POLYSACCHARIDES
CL6535-KR-PCT	South Korea / Republic of Korea	PCT	Local filing	20 Jul 2017	10-2019-7001006			POLYURETHANE POLYMERS COMPRISING POLYSACCHARIDES
CL6535-US-PCT	United States Of America	PCT	Publication of Application	20 Jul 2017	16/317950			POLYURETHANE POLYMERS COMPRISING POLYSACCHARIDES
CL6535-US-PSP	United States Of America	PSP	Expiry Date	22 Jul 2016	62/365411			POLYURETHANE POLYMERS
CL6535-US- PSP[2]	United States Of America	PSP	Expiry Date	05 Aug 2016	62/371359			POLYURETHANE POLYMERS COMPRISING POLYSACCHARIDES
CL6535-US- PSP[3]	United States Of America	PSP	Expiry Date	22 Aug 2016	62/377707			POLYURETHANE POLYMERS COMPRISING POLYSACCHARIDE

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL6535-US- PSP[4]	United States Of America	PSP	Expiry Date	23 Jan 2017	62/449218			POLYURETHANE POLYMERS COMPRISING POLYSACCHARIDES
CL6535-WO-PCT	International Procedure	PCT	Expiry Date	20 Jul 2017	PCT/US17/42990			POLYURETHANE POLYMERS COMPRISING POLYSACCHARIDES
CL6536-AU-PCT	Australia	PCT	Local filing	08 Nov 2016	2016351634			NONWOVEN GLUCAN WEBS
CL6536-BR-PCT	Brazil	PCT	Local filing	08 Nov 2016	1120180039721			NONWOVEN GLUCAN WEBS
CL6536-CN-PCT	China	PCT	Publication of Application	08 Nov 2016	201680064919.4			NONWOVEN GLUCAN WEBS
CL6536-EP-EPT	European Procedure (Patents)	EPT	Publication of Application	08 Nov 2016	16805608.3			NONWOVEN GLUCAN WEBS

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL6536-IN-PCT	India	PCT	Local filing	08 Nov 2016	201817007315			NONWOVEN GLUCAN WEBS
CL6536-JP-PCT	Japan	PCT	Publication of Application	08 Nov 2016	2018-543284			NONWOVEN GLUCAN WEBS
CL6536-TH-PCT	Thailand	PCT	Publication of Application	08 Nov 2016	1801002742			NONWOVEN GLUCAN WEBS
CL6536-US-PCT	United States Of America	PCT	Publication of Application	08 Nov 2016	15/763965			NONWOVEN GLUCAN WEBS
CL6536-US-PSP	United States Of America	PSP	Expiry Date	10 Nov 2015	62/253319			NONWOVEN GLUCAN WEBS
CL6536-WO-PCT	International Procedure	PCT	Expiry Date	08 Nov 2016	PCT/US16/60892			NONWOVEN GLUCAN WEBS
CL6550-AU-PCT[3]	Australia	PCT	Local filing	22 Nov 2016	2016359483			POLYPEPTIDES CAPABLE OF PRODUCING GLUCANS HAVING ALPHA (1-->2) LINKAGES AND USE OF THE SAME

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL6550-BR-PCT[3]	Brazil	PCT	Local filing	22 Nov 2016	1120180106836			POLYPEPTIDES CAPABLE OF PRODUCING GLUCANS HAVING ALPHA (1-->2) LINKAGES AND USE OF THE SAME
CL6550-CA-PCT[3]	Canada	PCT	Local filing	22 Nov 2016	3002666			POLYPEPTIDES CAPABLE OF PRODUCING GLUCANS HAVING ALPHA (1-->2) LINKAGES AND USE OF THE SAME
CL6550-CN-PCT[3]	China	PCT	Publication of Application	22 Nov 2016	201680069006.1			POLYPEPTIDES CAPABLE OF PRODUCING GLUCANS HAVING ALPHA (1-->2) LINKAGES AND USE OF THE SAME
CL6550-EP-EPT[3]	European Procedure (Patents)	EPT	Publication of Application	22 Nov 2016	16816788.0			POLYPEPTIDES CAPABLE OF PRODUCING GLUCANS HAVING ALPHA (1-->2) LINKAGES AND USE OF THE SAME
CL6550-IN-PCT[3]	India	PCT	Local filing	22 Nov 2016	201817018833			POLYPEPTIDES CAPABLE OF PRODUCING GLUCANS HAVING ALPHA (1-->2) LINKAGES AND USE OF THE SAME

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL6550-JP-PCT[3]	Japan	PCT	Local filing	22 Nov 2016	2018-527120			POLYPEPTIDES CAPABLE OF PRODUCING GLUCANS HAVING ALPHA (1-->2) LINKAGES AND USE OF THE SAME
CL6550-MX-PCT[3]	Mexico	PCT	Local filing	22 Nov 2016	MX/a/18/006273			POLYPEPTIDES CAPABLE OF PRODUCING GLUCANS HAVING ALPHA (1-->2) LINKAGES AND USE OF THE SAME
CL6550-TH-PCT[3]	Thailand	PCT	Local filing	22 Nov 2016	1801003063			POLYPEPTIDES CAPABLE OF PRODUCING GLUCANS HAVING ALPHA (1-->2) LINKAGES AND USE OF THE SAME
CL6550-US-PCT[3]	United States Of America	PCT	Publication of Application	22 Nov 2016	15/767689			POLYPEPTIDES CAPABLE OF PRODUCING GLUCANS HAVING ALPHA (1-->2) LINKAGES AND USE OF THE SAME
CL6550-WO-PCT	International Procedure	PCT	Expiry Date	26 Nov 2015	PCT/CN2015/095687			POLYPEPTIDES CAPABLE OF PRODUCING GLUCANS HAVING ALPHA (1-->2) LINKAGES AND USE OF THE SAME

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL6550-WO-PCT[2]	International Procedure	PCT	Expiry Date	13 Jun 2016	PCT/CN2016/085547			POLYPEPTIDES CAPABLE OF PRODUCING GLUCANS HAVING ALPHA (1-->2) LINKAGES AND USE OF THE SAME
CL6550-WO-PCT[3]	International Procedure	PCT	Expiry Date	22 Nov 2016	PCT/US16/63233			POLYPEPTIDES CAPABLE OF PRODUCING GLUCANS HAVING ALPHA (1-->2) LINKAGES AND USE OF THE SAME
CL6553-US-NP	United States Of America	NP	Publication of Application	09 Dec 2016	15/373547			NONWOVEN GLUCAN WEBS
CL6553-US-PSP	United States Of America	PSP	Expiry Date	14 Dec 2015	62/266754			NONWOVEN GLUCAN WEBS
CL6572-AU-PCT	Australia	PCT	Local filing	25 Oct 2017	2017348076			RUBBER COMPOSITIONS COMPRISING POLYSACCHARIDES
CL6572-BR-PCT	Brazil	PCT	Local filing	25 Oct 2017	1120190042075			RUBBER COMPOSITIONS COMPRISING POLYSACCHARIDES

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL6572-CN-PCT	China	PCT	Publication of Application	25 Oct 2017	201780066769.5			RUBBER COMPOSITIONS COMPRISING POLYSACCHARIDES
CL6572-EP-EPT	European Procedure (Patents)	EPT	Publication of Application	25 Oct 2017	17808630.2			RUBBER COMPOSITIONS COMPRISING POLYSACCHARIDES
CL6572-IN-PCT	India	PCT	Local filing	25 Oct 2017	201917006294			RUBBER COMPOSITIONS COMPRISING POLYSACCHARIDES
CL6572-JP-PCT	Japan	PCT	Local filing	25 Oct 2017	2019-522921			RUBBER COMPOSITIONS COMPRISING POLYSACCHARIDES
CL6572-KR-PCT	South Korea / Republic of Korea	PCT	Local filing	25 Oct 2017	10-2019-7011626			RUBBER COMPOSITIONS COMPRISING POLYSACCHARIDES
CL6572-TH-PCT	Thailand	PCT	Local filing	25 Oct 2017	1901002438			RUBBER COMPOSITIONS COMPRISING POLYSACCHARIDES
CL6572-US-PCT	United States Of America	PCT	Local filing	25 Oct 2017	16/341147			RUBBER COMPOSITIONS COMPRISING POLYSACCHARIDES

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal title
CL6572-US-PSP	United States Of America	PSP	Expiry Date	28 Oct 2016	62/414069			RUBBER COMPOSITIONS COMPRISING POLYSACCHARIDES
CL6572-US-PSP[2]	United States Of America	PSP	Expiry Date	18 Jan 2017	62/447506			RUBBER COMPOSITIONS COMPRISING POLYSACCHARIDES
CL6572-WO-PCT	International Procedure	PCT	Expiry Date	25 Oct 2017	PCT/US17/58278			RUBBER COMPOSITIONS COMPRISING POLYSACCHARIDES
CL6574-AU-PCT	Australia	PCT	Local filing	14 Dec 2017	2017376773			AMPHIPHILIC POLYSACCHARIDE DERIVATIVES AND COMPOSITIONS COMPRISING SAME
CL6574-BR-PCT	Brazil	PCT	Local filing	14 Dec 2017	1120190122354			AMPHIPHILIC POLYSACCHARIDE DERIVATIVES AND COMPOSITIONS COMPRISING SAME
CL6574-CN-PCT	China	PCT	Publication of Application	14 Dec 2017	201780086399.1			AMPHIPHILIC POLYSACCHARIDE DERIVATIVES AND COMPOSITIONS COMPRISING SAME

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal title
CL6574-EP-EPT	European Procedure (Patents)	EPT	Publication of Application	14 Dec 2017	17826063.4			AMPHIPHILIC POLYSACCHARIDE DERIVATIVES AND COMPOSITIONS COMPRISING SAME
CL6574-IN-PCT	India	PCT	Local filing	14 Dec 2017	201917022885			AMPHIPHILIC POLYSACCHARIDE DERIVATIVES AND COMPOSITIONS COMPRISING SAME
CL6574-JP-PCT	Japan	PCT	Local filing	14 Dec 2017	2019-532138			AMPHIPHILIC POLYSACCHARIDE DERIVATIVES AND COMPOSITIONS COMPRISING SAME
CL6574-KR-PCT	South Korea / Republic of Korea	PCT	Local filing	14 Dec 2017	10-2019-7020673			AMPHIPHILIC POLYSACCHARIDE DERIVATIVES AND COMPOSITIONS COMPRISING SAME
CL6574-MX-PCT	Mexico	PCT	Local filing	14 Dec 2017	MX/A/19/006868			AMPHIPHILIC POLYSACCHARIDE DERIVATIVES AND COMPOSITIONS COMPRISING SAME
CL6574-US-PCT	United States Of America	PCT	Publication of Application	14 Dec 2017	16/465385			AMPHIPHILIC POLYSACCHARIDE DERIVATIVES AND COMPOSITIONS COMPRISING SAME

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal title
CL6574-US-PSP	United States Of America	PSP	Expiry Date	16 Dec 2016	62/435158			AMPHIPHILIC POLYSACCHARIDE DERIVATIVES AND COMPOSITIONS COMPRISING SAME
CL6574-WO-PCT	International Procedure	PCT	Expiry Date	14 Dec 2017	PCT/US17/66395			AMPHIPHILIC POLYSACCHARIDE DERIVATIVES AND COMPOSITIONS COMPRISING SAME
CL6581-AU-PCT	Australia	PCT	Local filing	12 Jun 2017	2017286522			DETERGENT COMPOSITIONS
CL6581-BR-PCT	Brazil	PCT	Local filing	12 Jun 2017	1120180740012			DETERGENT COMPOSITIONS
CL6581-CH-EPT	Switzerland	EPT	Publication of Application	12 Jun 2017	17734893.5			DETERGENT COMPOSITIONS
CL6581-CN-PCT	China	PCT	Publication of Application	12 Jun 2017	201780036822.7			DETERGENT COMPOSITIONS
CL6581-EP-EPT	European Procedure (Patents)	EPT	Publication of Application	12 Jun 2017	17734893.5			DETERGENT COMPOSITIONS

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL6581-IN-PCT	India	PCT	Local filing	12 Jun 2017	201817039424			DETERGENT COMPOSITIONS
CL6581-IT-EPT	Italy	EPT	Publication of Application	12 Jun 2017	17734893.5			DETERGENT COMPOSITIONS
CL6581-JP-PCT	Japan	PCT	Local filing	12 Jun 2017	2019-516924			DETERGENT COMPOSITIONS
CL6581-KR-PCT	South Korea / Republic of Korea	PCT	Local filing	12 Jun 2017	10-2018-7035684			DETERGENT COMPOSITIONS
CL6581-US-PCT	United States Of America	PCT	Publication of Application	12 Jun 2017	16/308021			DETERGENT COMPOSITIONS
CL6581-US-PSP	United States Of America	PSP	Expiry Date	13 Jun 2016	62/349169			DETERGENT COMPOSITIONS
CL6581-WO-PCT	International Procedure	PCT	Expiry Date	12 Jun 2017	PCT/US17/36973			DETERGENT COMPOSITIONS

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL6582-AU-PCT	Australia	PCT	Local filing	12 Jun 2017	2017286524			DETERGENT COMPOSITIONS
CL6582-BR-PCT	Brazil	PCT	Local filing	12 Jun 2017	1120180740284			DETERGENT COMPOSITIONS
CL6582-CN-PCT	China	PCT	Publication of Application	12 Jun 2017	201780036821.2			DETERGENT COMPOSITIONS
CL6582-EP-EPT	European Procedure (Patents)	EPT	Publication of Application	12 Jun 2017	17731449.9			DETERGENT COMPOSITIONS
CL6582-IN-PCT	India	PCT	Local filing	12 Jun 2017	201817039396			DETERGENT COMPOSITIONS
CL6582-JP-PCT	Japan	PCT	Local filing	12 Jun 2017	2019-516925			DETERGENT COMPOSITIONS
CL6582-KR-PCT	South Korea / Republic of Korea	PCT	Local filing	12 Jun 2017	10-2018-7036162			DETERGENT COMPOSITIONS

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL6582-US-PCT	United States Of America	PCT	Publication of Application	12 Jun 2017	16/308029			DETERGENT COMPOSITIONS
CL6582-US-PSP	United States Of America	PSP	Expiry Date	13 Jun 2016	62/349176			DETERGENT COMPOSITIONS
CL6582-WO-PCT	International Procedure	PCT	Expiry Date	12 Jun 2017	PCT/US17/36977			DETERGENT COMPOSITIONS
CL6584-AU-PCT	Australia	PCT	Local filing	14 Nov 2017	2017362950			CELLULOSE/POLYSACCHARIDE COMPOSITES
CL6584-BR-PCT	Brazil	PCT	Local filing	14 Nov 2017	1120190098364			CELLULOSE/POLYSACCHARIDE COMPOSITES
CL6584-CN-PCT	China	PCT	Publication of Application	14 Nov 2017	201780070588.X			CELLULOSE/POLYSACCHARIDE COMPOSITES
CL6584-EP-EPT	European Procedure (Patents)	EPT	Publication of Application	14 Nov 2017	17804417.8			CELLULOSE/POLYSACCHARIDE COMPOSITES

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL6584-JP-PCT	Japan	PCT	Local filing	14 Nov 2017	2019-546784			CELLULOSE/POLYSACCHARIDE COMPOSITES
CL6584-US-PCT	United States Of America	PCT	Publication of Application	14 Nov 2017	16/461293			CELLULOSE/POLYSACCHARIDE COMPOSITES
CL6584-US-PSP	United States Of America	PSP	Expiry Date	16 Nov 2016	62/422629			CELLULOSE/POLYSACCHARIDE COMPOSITES
CL6584-WO-PCT	International Procedure	PCT	Expiry Date	14 Nov 2017	PCT/US17/61466			CELLULOSE/POLYSACCHARIDE COMPOSITES
CL6585-CN-PCT	China	PCT	Publication of Application	20 Nov 2017	201780084246.3			IN SITU FUNCTIONALIZATION OF POLYSACCHARIDES AND COMPOSITIONS THEREOF
CL6585-EP-EPT	European Procedure (Patents)	EPT	Publication of Application	20 Nov 2017	17818355.4			IN SITU FUNCTIONALIZATION OF POLYSACCHARIDES AND COMPOSITIONS THEREOF
CL6585-IN-PCT	India	PCT	Local filing	20 Nov 2017	201917018538			IN SITU FUNCTIONALIZATION OF POLYSACCHARIDES AND COMPOSITIONS THEREOF

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal title
CL6585-JP-PCT	Japan	PCT	Local filing	20 Nov 2017	2019-527366			IN SITU FUNCTIONALIZATION OF POLYSACCHARIDES AND COMPOSITIONS THEREOF
CL6585-KR-PCT	South Korea / Republic of Korea	PCT	Local filing	20 Nov 2017	10-2019-7017431			IN SITU FUNCTIONALIZATION OF POLYSACCHARIDES AND COMPOSITIONS THEREOF
CL6585-US-PCT	United States Of America	PCT	Publication of Application	20 Nov 2017	16/461508			IN SITU FUNCTIONALIZATION OF POLYSACCHARIDES AND COMPOSITIONS THEREOF
CL6585-US-PSP	United States Of America	PSP	Expiry Date	22 Nov 2016	62/425313			IN SITU FUNCTIONALIZATION OF POLYSACCHARIDES AND COMPOSITIONS THEREOF
CL6585-WO-PCT	International Procedure	PCT	Expiry Date	20 Nov 2017	PCT/US17/62515			IN SITU FUNCTIONALIZATION OF POLYSACCHARIDES AND COMPOSITIONS THEREOF
CL6586-CN-PCT	China	PCT	Publication of Application	20 Nov 2017	201780084238.9			PROCESS FOR MAKING POLYACRYLONITRILE FIBERS

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal title
CL6586-EP-EPT	European Procedure (Patents)	EPT	Publication of Application	20 Nov 2017	17818356.2			PROCESS FOR MAKING POLYACRYLONITRILE FIBERS
CL6586-IN-PCT	India	PCT	Local filing	20 Nov 2017	201917018736			PROCESS FOR MAKING POLYACRYLONITRILE FIBERS
CL6586-JP-PCT	Japan	PCT	Local filing	20 Nov 2017	2019-527348			PROCESS FOR MAKING POLYACRYLONITRILE FIBERS
CL6586-US-PCT	United States Of America	PCT	Publication of Application	20 Nov 2017	16/461455			PROCESS FOR MAKING POLYACRYLONITRILE FIBERS
CL6586-US-PSP	United States Of America	PSP	Expiry Date	22 Nov 2016	62/425323			PROCESS FOR MAKING POLYACRYLONITRILE FIBERS

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal title
CL6586-WO-PCT	International Procedure	PCT	Expiry Date	20 Nov 2017	PCT/US17/62524			PROCESS FOR MAKING POLYACRYLONITRILE FIBERS
CL6587-AU-PCT	Australia	PCT	Local filing	24 Aug 2018	2018324496			LATEX COMPOSITIONS COMPRISING POLYSACCHARIDES
CL6587-CN-PCT	China	PCT	Publication of Application	24 Aug 2018	201880056477.8			LATEX COMPOSITIONS COMPRISING POLYSACCHARIDES
CL6587-EP-EPT	European Procedure (Patents)	EPT	Local filing	24 Aug 2018	18766099.8			LATEX COMPOSITIONS COMPRISING POLYSACCHARIDES
CL6587-JP-PCT	Japan	PCT	Local filing	24 Aug 2018	PCT/US18/47940			LATEX COMPOSITIONS COMPRISING POLYSACCHARIDES
CL6587-KR-PCT	South Korea / Republic of Korea	PCT	Local filing	24 Aug 2018	10-2020-7006275			LATEX COMPOSITIONS COMPRISING POLYSACCHARIDES
CL6587-US-PCT	United States Of America	PCT	Filing	24 Aug 2018	16/642574			LATEX COMPOSITIONS COMPRISING POLYSACCHARIDES

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL6587-US-PSP	United States Of America	PSP	Expiry Date	01 Sep 2017	62/553210			LATEX COMPOSITIONS COMPRISING POLYSACCHARIDES
CL6587-WO-PCT	International Procedure	PCT	Expiry Date	24 Aug 2018	PCT/US18/47940			LATEX COMPOSITIONS COMPRISING POLYSACCHARIDES
CL6590-AU-PCT	Australia	PCT	Local filing	23 Jan 2018	2018212543			PROCESSES FOR PRODUCING PRECIPITATED CALCIUM CARBONATE USING POLYSACCHARIDES
CL6590-CN-PCT	China	PCT	Publication of Application	23 Jan 2018	201880008037.5			PROCESSES FOR PRODUCING PRECIPITATED CALCIUM CARBONATE USING POLYSACCHARIDES
CL6590-EP-EPT	European Procedure (Patents)	EPT	Publication of Application	23 Jan 2018	18702891.5			PROCESSES FOR PRODUCING PRECIPITATED CALCIUM CARBONATE USING POLYSACCHARIDES
CL6590-JP-PCT	Japan	PCT	Publication of Application	23 Jan 2018	2019-539987			PROCESSES FOR PRODUCING PRECIPITATED CALCIUM CARBONATE USING POLYSACCHARIDES

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL6590-KR-PCT	South Korea / Republic of Korea	PCT	Local filing	23 Jan 2018	10-2019-7023623			PROCESSES FOR PRODUCING PRECIPITATED CALCIUM CARBONATE USING POLYSACCHARIDES
CL6590-US-PCT	United States Of America	PCT	Publication of Application	23 Jan 2018	16/474812			PROCESSES FOR PRODUCING PRECIPITATED CALCIUM CARBONATE USING POLYSACCHARIDES
CL6590-US-PSP	United States Of America	PSP	Expiry Date	24 Jan 2017	62/449638			PROCESSES FOR PRODUCING PRECIPITATED CALCIUM CARBONATE USING POLYSACCHARIDES
CL6590-WO-PCT	International Procedure	PCT	Expiry Date	23 Jan 2018	PCT/US18/14832			PROCESSES FOR PRODUCING PRECIPITATED CALCIUM CARBONATE USING POLYSACCHARIDES
CL6591-CN-PCT	China	PCT	Filing	13 Dec 2018	PCT/US18/65355			ALPHA-1,3-GLUCAN GRAFT COPOLYMERS
CL6591-EP-EPT	European Procedure (Patents)	EPT	Filing	13 Dec 2018	PCT/US18/65355			ALPHA-1,3-GLUCAN GRAFT COPOLYMERS

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL6591-JP-PCT	Japan	PCT	Filing	13 Dec 2018	PCT/US18/65355			ALPHA-1,3-GLUCAN GRAFT COPOLYMERS
CL6591-US-NP	United States Of America	NP	Publication of Application	13 Dec 2018	16/218518			ALPHA-1,3-GLUCAN GRAFT COPOLYMERS
CL6591-US-PSP	United States Of America	PSP	Expiry Date	14 Dec 2017	62/598685			ALPHA-1,3-GLUCAN GRAFT COPOLYMERS
CL6591-US-PSP[P2]	United States Of America	PSP	Expiry Date	20 Sep 2018	62/733729			ALPHA-1,3-GLUCAN GRAFT COPOLYMERS
CL6591-WO-PCT	International Procedure	PCT	Publication of Application	13 Dec 2018	PCT/US18/65355			ALPHA-1,3-GLUCAN GRAFT COPOLYMERS
CL6593-AU-PCT	Australia	PCT	Local filing	14 Nov 2017	2017362951			MOLDED ARTICLES COMPRISING POLYSACCHARIDES

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL6593-BR-PCT	Brazil	PCT	Local filing	14 Nov 2017	1120190099387			MOLDED ARTICLES COMPRISING POLYSACCHARIDES
CL6593-CN-PCT	China	PCT	Publication of Application	14 Nov 2017	201780082161.1			MOLDED ARTICLES COMPRISING POLYSACCHARIDES
CL6593-EP-EPT	European Procedure (Patents)	EPT	Publication of Application	14 Nov 2017	17804776.7			MOLDED ARTICLES COMPRISING POLYSACCHARIDES
CL6593-JP-PCT	Japan	PCT	Local filing	14 Nov 2017	2019-546785			MOLDED ARTICLES COMPRISING POLYSACCHARIDES

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL6593-KR-PCT	South Korea / Republic of Korea	PCT	Local filing	14 Nov 2017	10-2019-7016688			MOLDED ARTICLES COMPRISING POLYSACCHARIDES
CL6593-US-PCT	United States Of America	PCT	Publication of Application	14 Nov 2017	16/461165			MOLDED ARTICLES COMPRISING POLYSACCHARIDES
CL6593-US-PSP	United States Of America	PSP	Expiry Date	16 Nov 2016	62/422630			MOLDED ARTICLE COMPRISING POLYSACCHARIDE
CL6593-WO-PCT	International Procedure	PCT	Expiry Date	14 Nov 2017	PCT/US17/61470			MOLDED ARTICLES COMPRISING POLYSACCHARIDES
CL6595-US-NP	United States Of America	NP	Publication of Application	25 Oct 2019	16/663830			ALPHA-1,3-GLUCAN GRAFT COPOLYMERS

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL6595-US-PSP	United States Of America	PSP	Expiry Date	25 Oct 2018	62/750520			ALPHA-1,3-GLUCAN GRAFT COPOLYMERS
CL6595-WO-PCT	International Procedure	PCT	Publication of Application	25 Oct 2019	PCT/US19/58016			ALPHA-1,3-GLUCAN GRAFT COPOLYMERS
CL6603-CN-PCT	China	PCT	Publication of Application	24 Apr 2018	201880025474.8			POLYSACCHARIDE COATINGS WITH OXYGEN BARRIER PROPERTIES
CL6603-EP-EPT	European Procedure (Patents)	EPT	Publication of Application	24 Apr 2018	18723305.1			POLYSACCHARIDE COATINGS WITH OXYGEN BARRIER PROPERTIES
CL6603-JP-PCT	Japan	PCT	Local filing	24 Apr 2018	2019-557816			POLYSACCHARIDE COATINGS WITH OXYGEN BARRIER PROPERTIES
CL6603-KR-PCT	South Korea / Republic of Korea	PCT	Local filing	24 Apr 2018	10-2019-7030533			POLYSACCHARIDE COATINGS WITH OXYGEN BARRIER PROPERTIES
CL6603-US-PCT	United States Of America	PCT	Filing	24 Apr 2018	16/607944			POLYSACCHARIDE COATINGS WITH OXYGEN BARRIER PROPERTIES

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal title
CL6603-US-PSP	United States Of America	PSP	Expiry Date	25 Apr 2017	62/489652			POLYSACCHARIDE COATINGS WITH OXYGEN BARRIER PROPERTIES
CL6603-WO-PCT	International Procedure	PCT	Expiry Date	24 Apr 2018	PCT/US18/29013			POLYSACCHARIDE COATINGS WITH OXYGEN BARRIER PROPERTIES
CL6604-CN-PCT	China	PCT	Local filing	11 Sep 2018	20188005871.0			NONWOVEN WEBS COMPRISING POLYSACCHARIDES
CL6604-EP-EPT	European Procedure (Patents)	EPT	Local filing	11 Sep 2018	187/9175.1			NONWOVEN WEBS COMPRISING POLYSACCHARIDES
CL6604-JP-PCT	Japan	PCT	Local filing	11 Sep 2018	PCT/US18/50428			NONWOVEN WEBS COMPRISING POLYSACCHARIDES
CL6604-US-PCT	United States Of America	PCT	Filing decision					NONWOVEN WEBS COMPRISING POLYSACCHARIDES
CL6604-US-PSP	United States Of America	PSP	Expiry Date	13 Sep 2017	62/557837			NONWOVEN WEBS COMPRISING POLYSACCHARIDES

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal title
CL6604-WO-PCT	International Procedure	PCT	Expiry Date	11 Sep 2018	PCT/US18/50428			NONWOVEN WEBS COMPRISING POLYSACCHARIDES
CL6605-CN-PCT	China	PCT	Publication of Application	27 Jun 2018	201880042598.7			POLYSACCHARIDE-ELASTOMER MASTERBATCCH COMPOSITIONS
CL6605-EP-EPT	European Procedure (Patents)	EPT	Publication of Application	27 Jun 2018	18747052.1			POLYSACCHARIDE-ELASTOMER MASTERBATCCH COMPOSITIONS
CL6605-JP-PCT	Japan	PCT	Local filing	27 Jun 2018	2019-572436			POLYSACCHARIDE-ELASTOMER MASTERBATCCH COMPOSITIONS
CL6605-KR-PCT	South Korea / Republic of Korea	PCT	Local filing	27 Jun 2018	10-2020-7000709			POLYSACCHARIDE-ELASTOMER MASTERBATCCH COMPOSITIONS
CL6605-US-PCT	United States Of America	PCT	Local filing	27 Jun 2018	16/623232			POLYSACCHARIDE-ELASTOMER MASTERBATCCH COMPOSITIONS
CL6605-US-PSP	United States Of America	PSP	Expiry Date	30 Jun 2017	62/527369			POLYSACCHARIDE-ELASTOMER MASTERBATCCH COMPOSITIONS

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL6605-WO-PCT	International Procedure	PCT	Expiry Date	27 Jun 2018	PCT/US18/39702			POLYSACCHARIDE-ELASTOMER MASTERBATCH COMPOSITIONS
CL6607-US-NP	United States Of America	NP	Publication of Application	07 Mar 2019	16/295423			ENGINEERED GLUCOSYLTRANSFERASES
CL6607-US-PSP	United States Of America	PSP	Expiry Date	09 Mar 2018	62/640708			ENGINEERED GLUCOSYLTRANSFERASES
CL6607-US-PSP[P2]	United States Of America	PSP	Expiry Date	15 Jan 2019	62/792449			ENGINEERED GLUCOSYLTRANSFERASES
CL6607-WO-PCT	International Procedure	PCT	Publication of Application	07 Mar 2019	PCT/US19/21136			ENGINEERED GLUCOSYLTRANSFERASES
CL6609-AU-PCT	Australia	PCT	Local filing	12 Oct 2018	2018347551			FLOWABLE BULK GRANULAR POLYSACCHARIDE
CL6609-CN-PCT	China	PCT	Filing	12 Oct 2018	PCT/US18/55573			FLOWABLE BULK GRANULAR POLYSACCHARIDE

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL6609-EP-EPT	European Procedure (Patents)	EPT	Local filing	12 Oct 2018	18796290.7			FLOWABLE BULK GRANULAR POLYSACCHARIDE
CL6609-JP-PCT	Japan	PCT	Local filing	12 Oct 2018	PCT/US18/55573			FLOWABLE BULK GRANULAR POLYSACCHARIDE
CL6609-US-CNT	United States Of America	CNT	Filing	28 Jan 2020	16/774040			FLOWABLE BULK GRANULAR POLYSACCHARIDE
CL6609-US-NP	United States Of America	NP	Grant	12 Oct 2018	16/158327	10 Mar 2020	10584233	FLOWABLE BULK GRANULAR POLYSACCHARIDE
CL6609-US-PSP	United States Of America	PSP	Expiry Date	13 Oct 2017	62/571995			FLOWABLE BULK GRANULAR POLYSACCHARIDE
CL6609-US-PSP[2]	United States Of America	PSP	Expiry Date	31 Aug 2018	62/725532			FLOWABLE BULK GRANULAR POLYSACCHARIDE
CL6609-WO-PCT	International Procedure	PCT	Publication of Application	12 Oct 2018	PCT/US18/55573			FLOWABLE BULK GRANULAR POLYSACCHARIDE

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL6613-AU-PCT	Australia	PCT	Local filing	11 Sep 2018	2018334514			ENGINEERED GLUCOSYLTRANSFERASES
CL6613-CN-PCT	China	PCT	Filing	11 Sep 2018	PCT/US18/50354			ENGINEERED GLUCOSYLTRANSFERASES
CL6613-EP-EPT	European Procedure (Patents)	EPT	Local filing	11 Sep 2018	18779168.6			ENGINEERED GLUCOSYLTRANSFERASES
CL6613-JP-PCT	Japan	PCT	Local filing	11 Sep 2018	PCT/US18/50354			ENGINEERED GLUCOSYLTRANSFERASES
CL6613-US-NP	United States Of America	NP	Publication of Application	11 Sep 2018	16/127293			ENGINEERED GLUCOSYLTRANSFERASES
CL6613-US-PSP	United States Of America	PSP	Expiry Date	13 Sep 2017	62/557840			ENGINEERED GLUCOSYLTRANSFERASES
CL6613-WO-PCT	International Procedure	PCT	Expiry Date	11 Sep 2018	PCT/US18/50354			ENGINEERED GLUCOSYLTRANSFERASES

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
CL6617-AU-PCT	Australia	PCT	Filing	06 Nov 2018	PCT/US18/59354			UNIQUE MORPHOLOGICAL POLYSACCHARIDE
CL6617-CN-PCT	China	PCT	Filing	06 Nov 2018	PCT/US18/59354			UNIQUE MORPHOLOGICAL POLYSACCHARIDE
CL6617-EP-EPT	European Procedure (Patents)	EPT	Filing	06 Nov 2018	PCT/US18/59354			UNIQUE MORPHOLOGICAL POLYSACCHARIDE
CL6617-JP-PCT	Japan	PCT	Filing	06 Nov 2018	PCT/US18/59354			UNIQUE MORPHOLOGICAL POLYSACCHARIDE
CL6617-US-PCT	United States Of America	PCT	Filing decision					UNIQUE MORPHOLOGICAL POLYSACCHARIDE
CL6617-US-PSP	United States Of America	PSP	Expiry Date	10 Nov 2017	62/584150			UNIQUE MORPHOLOGICAL POLYSACCHARIDE
CL6617-WO-PCT	International Procedure	PCT	Publication of Application	06 Nov 2018	PCT/US18/59354			UNIQUE MORPHOLOGICAL POLYSACCHARIDE

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal title
CL6619-US-PSP	United States Of America	PSP	Expiry Date	20 Jun 2018	62/687310			POLYSACCHARIDE DERIVATIVES CONTAINING SULFATE, SULFONATE, OR THIOSULFATE GROUPS AND COMPOSITIONS COMPRISING SAME
CL6619-WO-PCT	International Procedure	PCT	Publication of Application	19 Jun 2019	PCT/US19/37940			POLYSACCHARIDE DERIVATIVES CONTAINING SULFATE, SULFONATE, OR THIOSULFATE GROUPS AND COMPOSITIONS COMPRISING SAME
CL6641-US-PSP	United States Of America	PSP	Filing	06 Nov 2019	62/931242			HIGHLY CRYSTALLINE, SUBMICRON ALPHA 1,3 GLUCAN
CL6643-US-PSP	United States Of America	PSP	Expiry Date	17 Dec 2018	62/780629			POLYSACCHARIDE DERIVATIVES AND COMPOSITIONS COMPRISING SAME
CL6643-WO-PCT	International Procedure	PCT	Filing	16 Dec 2019	PCT/US19/66568			POLYSACCHARIDE DERIVATIVES AND COMPOSITIONS COMPRISING SAME
CL6645-US-PSP	United States Of America	PSP	Filing	09 Jul 2019	62/871796			ENGINEERED ALPHA-1,3 BRANCHING ENZYMES

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal title
CL6647-US-PSP	United States Of America	PSP	Filing	18 Jun 2020	63/040569			CATIONIC POLY ALPHA-1,6-GLUCAN ETHERS AND COMPOSITIONS COMPRISING SAME
CL6648-US-PSP	United States Of America	PSP	Filing	04 Feb 2020	62/969787			AQUEOUS DISPERSIONS OF INSOLUBLE ALPHA-GLUCAN COMPRISING ALPHA-1,3 GLYCOSIDIC LINKAGES
CL6650-US-PSP	United States Of America	PSP	Filing	16 Aug 2019	62/887832			FLOUR- AND MEAL-BASED FOOD PRODUCTS COMPRISING INSOLUBLE ALPHA-1,3-GLUCAN
CL6656-US-PSP	United States Of America	PSP	Filing	06 Nov 2019	62/931239			HIGHLY CRYSTALLINE ALPHA-1,3-GLUCAN
CL6659-US-PSP	United States Of America	PSP	Filing	04 Jun 2020	63/034437			DEXTRAN-ALPHA-GLUCAN GRAFT COPOLYMERS AND DERIVATIVES THEREOF
CL6662-US-PSP	United States Of America	PSP	Filing	04 Feb 2020	62/969784			AQUEOUS DISPERSIONS OF INSOLUBLE ALPHA-GLUCAN COMPRISING ALPHA-1,3 GLYCOSIDIC LINKAGES

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
PL0547-AT-EPT	Austria	EPT	Grant	04 Apr 2014	14731533.7	28 Dec 2016	2981639	GLUCAN-LYOCELL HIGH FIBRILLATION
PL0547-AT-NP	Austria	NP	Abandoned	05 Apr 2013	A258/2013			GLUCAN-LYOCELL HIGH FIBRILLATION
PL0547-CN-PCT	China	PCT	Grant	04 Apr 2014	201480020078.8	25 Dec 2018	201480020078.8	GLUCAN-LYOCELL HIGH FIBRILLATION
PL0547-DE-EPT	Germany	EPT	Grant	04 Apr 2014	14731533.7	28 Dec 2016	2981639	GLUCAN-LYOCELL HIGH FIBRILLATION
PL0547-EP-EPT	European Procedure (Patents)	EPT	Grant	04 Apr 2014	14731533.7	28 Dec 2016	2981639	GLUCAN-LYOCELL HIGH FIBRILLATION
PL0547-ES-EPT	Spain	EPT	Grant	04 Apr 2014	14731533.7	28 Dec 2016	2981639	GLUCAN-LYOCELL HIGH FIBRILLATION
PL0547-FI-EPT	Finland	EPT	Grant	04 Apr 2014	14731533.7	28 Dec 2016	2981639	GLUCAN-LYOCELL HIGH FIBRILLATION

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
PL0547-FR-EPT	France	EPT	Grant	04 Apr 2014	14731533.7	28 Dec 2016	2981639	GLUCAN-LYOCELL HIGH FIBRILLATION
PL0547-GB-EPT	United Kingdom	EPT	Grant	04 Apr 2014	14731533.7	28 Dec 2016	2981639	GLUCAN-LYOCELL HIGH FIBRILLATION
PL0547-IN-PCT	India	PCT	Publication of Application	04 Apr 2014	8887/DELNP/2015			GLUCAN-LYOCELL HIGH FIBRILLATION
PL0547-JP-PCT	Japan	PCT	Grant	04 Apr 2014	2016-505649	24 Aug 2018	6388911	GLUCAN-LYOCELL HIGH FIBRILLATION
PL0547-KR-PCT	South Korea / Republic of Korea	PCT	Notice of Allowance	04 Apr 2014	10-2015-7031761			GLUCAN-LYOCELL HIGH FIBRILLATION
PL0547-PL-EPT	Poland	EPT	Abandoned	04 Apr 2014	14731533.7	28 Dec 2016	2981639	GLUCAN-LYOCELL HIGH FIBRILLATION
PL0547-SE-EPT	Sweden	EPT	Grant	04 Apr 2014	14731533.7	28 Dec 2016	2981639	GLUCAN-LYOCELL HIGH FIBRILLATION

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
PL0547-TH-PCT	Thailand	PCT	Publication of Application	04 Apr 2014	1501006133			GLUCAN-LYOCELL HIGH FIBRILLATION
PL0547-TR-EPT	Turkey	EPT	Grant	04 Apr 2014	14731533.7	28 Dec 2016	2981639	GLUCAN-LYOCELL HIGH FIBRILLATION
PL0547-US-PCD	United States Of America	PCD	Publication of Application	13 Jun 2018	16/007641			GLUCAN-LYOCELL HIGH FIBRILLATION
PL0547-US-PCT	United States Of America	PCT	Grant	04 Apr 2014	14/782123	24 Jul 2018	10030323	GLUCAN-LYOCELL HIGH FIBRILLATION
PL0547-WO-PCT	International Procedure	PCT	Publication of Application	04 Apr 2014	PCT/AT14/000071			GLUCAN-LYOCELL HIGH FIBRILLATION
PL0548-AT-EPT	Austria	EPT	Grant	04 Apr 2014	14731534.5	28 Dec 2016	2981640	GLUCAN-LYOCELL BLEND FIBERS
PL0548-AT-NP	Austria	NP	Abandoned	05 Apr 2013	A257/2013			GLUCAN-LYOCELL BLEND FIBERS

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
PL0548-CN-PCT	China	PCT	Grant	04 Apr 2014	201480020156.4	07 Sep 2018	201480020156.4	GLUCAN-LYOCELL BLEND FIBERS
PL0548-DE-EPT	Germany	EPT	Grant	04 Apr 2014	14731534.5	28 Dec 2016	2981640	GLUCAN-LYOCELL BLEND FIBERS
PL0548-EP-EPT	European Procedure (Patents)	EPT	Grant	04 Apr 2014	14731534.5	28 Dec 2016	2981640	GLUCAN-LYOCELL BLEND FIBERS
PL0548-ES-EPT	Spain	EPT	Grant	04 Apr 2014	14731534.5	28 Dec 2016	2981640	GLUCAN-LYOCELL BLEND FIBERS
PL0548-FI-EPT	Finland	EPT	Grant	04 Apr 2014	14731534.5	28 Dec 2016	2981640	GLUCAN-LYOCELL BLEND FIBERS
PL0548-FR-EPT	France	EPT	Grant	04 Apr 2014	14731534.5	28 Dec 2016	2981640	GLUCAN-LYOCELL BLEND FIBERS
PL0548-GB-EPT	United Kingdom	EPT	Grant	04 Apr 2014	14731534.5	28 Dec 2016	2981640	GLUCAN-LYOCELL BLEND FIBERS

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
PL0548-IN-PCT	India	PCT	Publication of Application	04 Apr 2014	8884/DELNP/2015			GLUCAN-LYOCELL BLEND FIBERS
PL0548-JP-PCT	Japan	PCT	Grant	04 Apr 2014	2016-505650	24 Aug 2018	6388912	GLUCAN-LYOCELL BLEND FIBERS
PL0548-KR-PCT	South Korea / Republic of Korea	PCT	Notice of Allowance	04 Apr 2014	10-2015-7031758			GLUCAN-LYOCELL BLEND FIBERS
PL0548-PL-EPT	Poland	EPT	Abandoned	04 Apr 2014	14731534.5	28 Dec 2016	2981640	GLUCAN-LYOCELL BLEND FIBERS
PL0548-SE-EPT	Sweden	EPT	Grant	04 Apr 2014	14731534.5	28 Dec 2016	2981640	GLUCAN-LYOCELL BLEND FIBERS
PL0548-TH-PCT	Thailand	PCT	Publication of Application	04 Apr 2014	1501006134			GLUCAN-LYOCELL BLEND FIBERS
PL0548-TR-EPT	Turkey	EPT	Grant	04 Apr 2014	14731534.5	28 Dec 2016	2981640	GLUCAN-LYOCELL BLEND FIBERS

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
PL0548-US-PCD	United States Of America	PCD	Publication of Application	10 Jan 2019	16/244699			GLUCAN-LYOCELL BLEND FIBERS
PL0548-US-PCT	United States Of America	PCT	Grant	04 Apr 2014	14/782148	05 Mar 2019	10221502	GLUCAN-LYOCELL BLEND FIBERS
PL0548-WO-PCT	International Procedure	PCT	Publication of Application	04 Apr 2014	PCT/AT14/000072			GLUCAN-LYOCELL BLEND FIBERS
PL0549-AT-EPT	Austria	EPT	Grant	10 Apr 2014	14731535.2	20 Dec 2017	2984127	GLUCAN FILMS
PL0549-AT-NP	Austria	NP	Grant	10 Apr 2013	A279/2013	15 Jun 2015	514123	GLUCAN FILMS
PL0549-CH-EPT	Switzerland	EPT	Grant	10 Apr 2014	14731535.2	20 Dec 2017	2984127	GLUCAN FILMS
PL0549-CN-PCT	China	PCT	Publication of Application	10 Apr 2014	201480020399.8			GLUCAN FILMS

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
PL0549-DE-EPT	Germany	EPT	Grant	10 Apr 2014	14731535.2	20 Dec 2017	2984127	GLUCAN FILMS
PL0549-DK-EPT	Denmark	EPT	Abandoned	10 Apr 2014	14731535.2	20 Dec 2017	2984127	GLUCAN FILMS
PL0549-EP-EPT	European Procedure (Patents)	EPT	Grant	10 Apr 2014	14731535.2	20 Dec 2017	2984127	GLUCAN FILMS
PL0549-ES-EPT	Spain	EPT	Grant	10 Apr 2014	14731535.2	20 Dec 2017	2984127	GLUCAN FILMS
PL0549-FR-EPT	France	EPT	Grant	10 Apr 2014	14731535.2	20 Dec 2017	2984127	GLUCAN FILMS
PL0549-GB-EPT	United Kingdom	EPT	Grant	10 Apr 2014	14731535.2	20 Dec 2017	2984127	GLUCAN FILMS
PL0549-IN-PCT	India	PCT	Publication of Application	10 Apr 2014	8879/DELNP/2015			GLUCAN FILMS

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
PL0549-IT-EPT	Italy	EPT	Grant	10 Apr 2014	14731535.2	20 Dec 2017	2984127	GLUCAN FILMS
PL0549-JP-PCT	Japan	PCT	Grant	10 Apr 2014	2016-506722	08 Mar 2019	6488482	GLUCAN FILMS
PL0549-KR-PCT	South Korea / Republic of Korea	PCT	Publication of Application	10 Apr 2014	10-2015-7031762			GLUCAN FILMS
PL0549-NL-EPT	Netherlands	EPT	Abandoned	10 Apr 2014	14731535.2	20 Dec 2017	2984127	GLUCAN FILMS
PL0549-SE-EPT	Sweden	EPT	Grant	10 Apr 2014	14731535.2	20 Dec 2017	2984127	GLUCAN FILMS
PL0549-TH-PCT	Thailand	PCT	Abandoned	10 Apr 2014	1501006135			GLUCAN FILMS
PL0549-TR-EPT	Turkey	EPT	Grant	10 Apr 2014	14731535.2	20 Dec 2017	2984127	GLUCAN FILMS

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal title
PL0549-US-PCD	United States Of America	PCD	Abandoned	24 May 2017	15/604177			GLUCAN FILMS
PL0549-US-PCN	United States Of America	PCN	Abandoned	04 Sep 2018	16/121149			GLUCAN FILMS
PL0549-US-PCN[2]	United States Of America	PCN	Abandoned	05 Jul 2019	16/503927			GLUCAN FILMS
PL0549-US-PCT	United States Of America	PCT	Grant	10 Apr 2014	14/782168	11 Jul 2017	9701800	GLUCAN FILMS
PL0549-WO-PCT	International Procedure	PCT	Publication of Application	10 Apr 2014	PCT/AT14/000076			GLUCAN FILMS
PL0551-AT-NP	Austria	NP	Grant	17 Jun 2013	A485/2013	15 Nov 2016	514475	GLUCAN-VISCOSE MODIF PROCESS
PL0551-CN-PCD	China	PCD	Publication of Application	24 Feb 2018	201810156936.1			GLUCAN-VISCOSE MODIF PROCESS

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
PL0551-CN-PCT	China	PCT	Grant	13 Jun 2014	201460034438.X	22 May 2018	201460034438.X	GLUCAN-VISCOSE MODIF PROCESS
PL0551-DE-EPT	Germany	EPT	Grant	13 Jun 2014	14747289.8	21 Nov 2018	3011085	GLUCAN-VISCOSE MODIF PROCESS
PL0551-EP-EPT	European Procedure (Patents)	EPT	Grant	13 Jun 2014	14747289.8	21 Nov 2018	3011085	GLUCAN-VISCOSE MODIF PROCESS
PL0551-ES-EPT	Spain	EPT	Grant	13 Jun 2014	14747289.8	21 Nov 2018	3011085	GLUCAN-VISCOSE MODIF PROCESS
PL0551-FI-EPT	Finland	EPT	Grant	13 Jun 2014	14747289.8	21 Nov 2018	3011085	GLUCAN-VISCOSE MODIF PROCESS
PL0551-IN-PCT	India	PCT	Publication of Application	13 Jun 2014	11482/DELNP/2015			GLUCAN-VISCOSE MODIF PROCESS
PL0551-JP-PCT	Japan	PCT	Grant	13 Jun 2014	2016-520185	22 Mar 2019	6496920	GLUCAN-VISCOSE MODIF PROCESS

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
PL0551-KR-PCT	South Korea / Republic of Korea	PCT	Publication of Application	13 Jun 2014	10-2016-7000959			GLUCAN-VISCOSE MODIF PROCESS
PL0551-PT-EPT	Portugal	EPT	Abandoned	13 Jun 2014	14747289.8	21 Nov 2018	3011085	GLUCAN-VISCOSE MODIF PROCESS
PL0551-SE-EPT	Sweden	EPT	Grant	13 Jun 2014	14747289.8	21 Nov 2018	3011085	GLUCAN-VISCOSE MODIF PROCESS
PL0551-TH-PCT	Thailand	PCT	Publication of Application	13 Jun 2014	1501007532			GLUCAN-VISCOSE MODIF PROCESS
PL0551-TR-EPT	Turkey	EPT	Grant	13 Jun 2014	14747289.8	21 Nov 2018	3011085	GLUCAN-VISCOSE MODIF PROCESS
PL0551-US-PCN	United States Of America	PCN	Publication of Application	15 May 2018	15/980140			GLUCAN-VISCOSE MODIF PROCESS
PL0551-US-PCT	United States Of America	PCT	Abandoned	13 Jun 2014	14/899197			GLUCAN-VISCOSE MODIF PROCESS

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
PL0551-WO-PCT	International Procedure	PCT	Publication of Application	13 Jun 2014	PCT/AT14/000123			GLUCAN-VISCOSE MODIF PROCESS
PL0552-AT-EPT	Austria	EPT	Grant	13 Jun 2014	14747795.4	08 Mar 2017	3011091	GLUCAN-VISCOSE-BLEND
PL0552-AT-NP	Austria	NP	Abandoned	17 Jun 2013	A484/2013			GLUCAN-VISCOSE-BLEND
PL0552-CN-PCD	China	PCD	Filing decision					GLUCAN-VISCOSE-BLEND
PL0552-CN-PCT	China	PCT	Publication of Application	13 Jun 2014	201480034439.4			GLUCAN-VISCOSE-BLEND
PL0552-DE-EPT	Germany	EPT	Grant	13 Jun 2014	14747795.4	08 Mar 2017	3011091	GLUCAN-VISCOSE-BLEND
PL0552-EP-EPT	European Procedure (Patents)	EPT	Grant	13 Jun 2014	14747795.4	08 Mar 2017	3011091	GLUCAN-VISCOSE-BLEND

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
PL0552-ES-EPT	Spain	EPT	Grant	13 Jun 2014	14747795.4	08 Mar 2017	3011091	GLUCAN-VISCOSE-BLEND
PL0552-FI-EPT	Finland	EPT	Grant	13 Jun 2014	14747795.4	08 Mar 2017	3011091	GLUCAN-VISCOSE-BLEND
PL0552-FR-EPT	France	EPT	Grant	13 Jun 2014	14747795.4	08 Mar 2017	3011091	GLUCAN-VISCOSE-BLEND
PL0552-GB-EPT	United Kingdom	EPT	Grant	13 Jun 2014	14747795.4	08 Mar 2017	3011091	GLUCAN-VISCOSE-BLEND
PL0552-IN-PCT	India	PCT	Publication of Application	13 Jun 2014	11478/DELNP/2015			GLUCAN-VISCOSE-BLEND
PL0552-JP-PCT	Japan	PCT	Grant	13 Jun 2014	2016-520186	05 Oct 2018	6412117	GLUCAN-VISCOSE-BLEND
PL0552-KR-PCT	South Korea / Republic of Korea	PCT	Publication of Application	13 Jun 2014	10-2016-7000958			GLUCAN-VISCOSE-BLEND

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
PL0552-PL-EPT	Poland	EPT	Abandoned	13 Jun 2014	14747795.4	08 Mar 2017	3011091	GLUCAN-VISCOSE-BLEND
PL0552-SE-EPT	Sweden	EPT	Grant	13 Jun 2014	14747795.4	08 Mar 2017	3011091	GLUCAN-VISCOSE-BLEND
PL0552-TH-PCT	Thailand	PCT	Publication of Application	13 Jun 2014	1501007534			GLUCAN-VISCOSE-BLEND
PL0552-TR-EPT	Turkey	EPT	Grant	13 Jun 2014	14747795.4	08 Mar 2017	3011091	GLUCAN-VISCOSE-BLEND
PL0552-US-PCN	United States Of America	PCN	Publication of Application	24 May 2018	15/988401			GLUCAN-VISCOSE-BLEND
PL0552-US-PCT	United States Of America	PCT	Abandoned	13 Jun 2014	14/899212			GLUCAN-VISCOSE-BLEND
PL0552-WO-PCT	International Procedure	PCT	Publication of Application	13 Jun 2014	PCT/AT14/000124			GLUCAN-VISCOSE-BLEND

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
PL0554-AT-EPT	Austria	EPT	Grant	13 Jun 2014	14747290.6	15 Feb 2017	3011090	GLUCAN-VISCOSE-BLEND NW APPLICATIONS
PL0554-AT-NP	Austria	NP	Abandoned	17 Jun 2013	A483/2013			GLUCAN-VISCOSE-BLEND NW APPLICATIONS
PL0554-CN-PCT	China	PCT	Grant	13 Jun 2014	201480034437.5	14 Dec 2018	201480034437.5	GLUCAN-VISCOSE-BLEND NW APPLICATIONS
PL0554-DE-EPT	Germany	EPT	Grant	13 Jun 2014	14747290.6	15 Feb 2017	3011090	GLUCAN-VISCOSE-BLEND NW APPLICATIONS
PL0554-EP-EPT	European Procedure (Patents)	EPT	Grant	13 Jun 2014	14747290.6	15 Feb 2017	3011090	GLUCAN-VISCOSE-BLEND NW APPLICATIONS
PL0554-ES-EPT	Spain	EPT	Grant	13 Jun 2014	14747290.6	15 Feb 2017	3011090	GLUCAN-VISCOSE-BLEND NW APPLICATIONS
PL0554-FI-EPT	Finland	EPT	Grant	13 Jun 2014	14747290.6	15 Feb 2017	3011090	GLUCAN-VISCOSE-BLEND NW APPLICATIONS

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
PL0554-FR-EPT	France	EPT	Grant	13 Jun 2014	14747290.6	15 Feb 2017	3011090	GLUCAN-VISCOSE-BLEND NW APPLICATIONS
PL0554-GB-EPT	United Kingdom	EPT	Grant	13 Jun 2014	14747290.6	15 Feb 2017	3011090	GLUCAN-VISCOSE-BLEND NW APPLICATIONS
PL0554-IN-PCT	India	PCT	Publication of Application	13 Jun 2014	11484/DELNP/2015			GLUCAN-VISCOSE-BLEND NW APPLICATIONS
PL0554-JP-PCT	Japan	PCT	Grant	13 Jun 2014	2016-520187	05 Oct 2018	6412118	GLUCAN-VISCOSE-BLEND NW APPLICATIONS
PL0554-KR-PCT	South Korea / Republic of Korea	PCT	Publication of Application	13 Jun 2014	10-2016-7001024			GLUCAN-VISCOSE-BLEND NW APPLICATIONS
PL0554-PL-EPT	Poland	EPT	Abandoned	13 Jun 2014	14747290.6	15 Feb 2017	3011090	GLUCAN-VISCOSE-BLEND NW APPLICATIONS
PL0554-SE-EPT	Sweden	EPT	Grant	13 Jun 2014	14747290.6	15 Feb 2017	3011090	GLUCAN-VISCOSE-BLEND NW APPLICATIONS

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
PL0554-TH-PCT	Thailand	PCT	Publication of Application	13 Jun 2014	1501007533			GLUCAN-VISCOSE-BLEND NW APPLICATIONS
PL0554-TR-EPT	Turkey	EPT	Grant	13 Jun 2014	14747290.6	15 Feb 2017	3011090	GLUCAN-VISCOSE-BLEND NW APPLICATIONS
PL0554-US-PCT	United States Of America	PCT	Grant	13 Jun 2014	14/899214	05 Mar 2019	10220111	GLUCAN-VISCOSE-BLEND NW APPLICATIONS
PL0554-WO-PCT	International Procedure	PCT	Publication of Application	13 Jun 2014	PCT/AT14/000125			GLUCAN-VISCOSE-BLEND NW APPLICATIONS
PL0555-AT-NP	Austria	NP	Grant	06 Feb 2015	A56/2015	15 Mar 2019	518612	GLUCAN GEL
PL0555-CN-PCT	China	PCT	Publication of Application	03 Feb 2016	201680008823.6			GLUCAN GEL
PL0555-EP-EPT	European Procedure (Patents)	EPT	Publication of Application	03 Feb 2016	16709674.2			GLUCAN GEL

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
PL0555-IN-PCT	India	PCT	Publication of Application	03 Feb 2016	201717025840			GLUCAN GEL
PL0555-JP-PCT	Japan	PCT	Publication of Application	03 Feb 2016	2017-541265			GLUCAN GEL
PL0555-KR-PCT	South Korea / Republic of Korea	PCT	Publication of Application	03 Feb 2016	10-2017-7022947			GLUCAN GEL
PL0555-US-PCN	United States Of America	PCN	Publication of Application	15 Jan 2019	16/248254			GLUCAN GEL
PL0555-US-PCN[2]	United States Of America	PCN	Publication of Application	12 Nov 2019	16/681226			GLUCAN GEL
PL0555-US-PCT	United States Of America	PCT	Local filing	03 Feb 2016	15/932303			GLUCAN GEL
PL0555-WO-PCT	International Procedure	PCT	Publication of Application	03 Feb 2016	PCT/AT16/000007			GLUCAN GEL

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
PL0557-AT-NP	Austria	NP	Abandoned	19 Jun 2013	A497/2013	15 Jun 2016	514473	GLUCAN-VISCOSE SPONGE
PL0557-WO-PCT	International Procedure	PCT	Publication of Application	13 Jun 2014	PCT/AT14/000120			GLUCAN-VISCOSE SPONGE
PL0558-AT-NP	Austria	NP	Abandoned	19 Jun 2013	A526/2013	15 Mar 2016	514472	GLUCAN-CAUSTIC SPONGE
PL0558-WO-PCT	International Procedure	PCT	Publication of Application	13 Jun 2014	PCT/AT14/000121			GLUCAN-CAUSTIC SPONGE
PL0559-AT-NP	Austria	NP	Grant	18 Jun 2013	A490/2013	15 Feb 2016	514474	GLUCAN-CAUSTIC PROCESS
PL0559-CN-PCT	China	PCT	Grant	13 Jun 2014	201480035218.9	31 Mar 2020	201480035218.9	GLUCAN-CAUSTIC PROCESS
PL0559-DE-EPT	Germany	EPT	Grant	13 Jun 2014	14747794.7	28 Nov 2018	3010941	GLUCAN-CAUSTIC PROCESS

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
PL0559-EP-EPT	European Procedure (Patents)	EPT	Grant	13 Jun 2014	14747794.7	28 Nov 2018	3010941	GLUCAN-CAUSTIC PROCESS
PL0559-ES-EPT	Spain	EPT	Grant	13 Jun 2014	14747794.7	28 Nov 2018	3010941	GLUCAN-CAUSTIC PROCESS
PL0559-FI-EPT	Finland	EPT	Grant	13 Jun 2014	14747794.7	28 Nov 2018	3010941	GLUCAN-CAUSTIC PROCESS
PL0559-IN-PCT	India	PCT	Publication of Application	13 Jun 2014	11485/DELNP/2015			GLUCAN-CAUSTIC PROCESS
PL0559-JP-PCT	Japan	PCT	Grant	13 Jun 2014	2016-520184	28 Sep 2018	6408566	GLUCAN-CAUSTIC PROCESS
PL0559-KR-PCT	South Korea / Republic of Korea	PCT	Publication of Application	13 Jun 2014	10-2016-7001025			GLUCAN-CAUSTIC PROCESS
PL0559-PL-EPT	Poland	EPT	Abandoned	13 Jun 2014	14747794.7	28 Nov 2018	3010941	GLUCAN-CAUSTIC PROCESS

Case reference	Country	Filing Type	Current Status	Filing Date	Filing Number	Grant	Grant Number	Internal Title
PL0559-SE-EPT	Sweden	EPT	Grant	13 Jun 2014	14747794.7	28 Nov 2018	3010941	GLUCAN-CAUSTIC PROCESS
PL0559-TH-PCT	Thailand	PCT	Publication of Application	13 Jun 2014	1501007569			GLUCAN-CAUSTIC PROCESS
PL0559-TR-EPT	Turkey	EPT	Grant	13 Jun 2014	14747794.7	28 Nov 2018	3010941	GLUCAN-CAUSTIC PROCESS
PL0559-US-PCD	United States Of America	PCD	Publication of Application	18 Jul 2018	16/038471			GLUCAN-CAUSTIC PROCESS
PL0559-US-PCT	United States Of America	PCT	Grant	13 Jun 2014	14/899225	05 Feb 2019	10196758	GLUCAN-CAUSTIC PROCESS
PL0559-WO-PCT	International Procedure	PCT	Publication of Application	13 Jun 2014	PCT/AT14/000122			GLUCAN-CAUSTIC PROCESS

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