

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5589377

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
E. I. DU PONT DE NEMOURS AND COMPANY	03/28/2019

RECEIVING PARTY DATA

Name:	DUPONT SAFETY & CONSTRUCTION, INC.
Street Address:	974 CENTRE ROAD
City:	WILMINGTON
State/Country:	DELAWARE
Postal Code:	19805

PROPERTY NUMBERS Total: 62

Property Type	Number
Application Number:	10896790
Application Number:	11180241
Application Number:	11158762
Application Number:	11159364
Application Number:	12774789
Application Number:	11639917
Application Number:	12086266
Application Number:	12327952
Application Number:	11645973
Application Number:	11605663
Application Number:	11545736
Application Number:	12881762
Application Number:	11545740
Application Number:	12152308
Application Number:	11973527
Application Number:	11975417
Application Number:	12393295
Application Number:	12152404
Application Number:	13033914
Application Number:	12417691

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Property Type	Number
Application Number:	12787445
Application Number:	12359710
Application Number:	12359733
Application Number:	12359755
Application Number:	12359775
Application Number:	12359789
Application Number:	14475768
Application Number:	14709518
Application Number:	12687211
Application Number:	12619807
Application Number:	13709477
Application Number:	13182717
Application Number:	13181604
Application Number:	12693500
Application Number:	13989446
Application Number:	14084699
Application Number:	13226583
Application Number:	14873287
Application Number:	13778595
Application Number:	14951558
Application Number:	13905522
Application Number:	14151115
Application Number:	14195987
Application Number:	13871121
Application Number:	13947185
Application Number:	14804439
Application Number:	15036233
Application Number:	15091982
Application Number:	15127950
Application Number:	15313204
Application Number:	14883937
Application Number:	16086360
Application Number:	16061549
Application Number:	15700240
Application Number:	16166296
Application Number:	16053100
Application Number:	62718447
Application Number:	11266712

Property Type	Number
Application Number:	09911528
Application Number:	11909659
Application Number:	11909670
Application Number:	11909660

CORRESPONDENCE DATA

Fax Number: (678)420-9301
Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: (678)420-9300
Email: oglesd@ballardspahr.com
Correspondent Name: MITCHELL A. KATZ
Address Line 1: 999 PEACHTREE STREET
Address Line 2: SUITE 1000
Address Line 4: ATLANTA, GEORGIA 30309

NAME OF SUBMITTER:	MITCHELL A. KATZ
SIGNATURE:	/Mitchell A. Katz, Reg. No. 33,919/
DATE SIGNED:	06/25/2019

Total Attachments: 294
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PATENT ASSIGNMENT

This PATENT ASSIGNMENT (this "Assignment"), dated as of March 28, 2019 (the "Effective Date"), is by and between E. I. du Pont de Nemours and Company, a Delaware corporation ("Assignor") and DuPont Safety & Construction, Inc., a Delaware corporation ("Assignee"), (each a "Party" and collectively, the "Parties").

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

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

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

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

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

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

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

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

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

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

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

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

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

[Signature Page Follows]

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

ASSIGNOR:

E. I. du Pont de Nemours and Company

By: Marian T Flattery

Name: Marian Flattery

Title: Associate General Counsel – Intellectual Property

THE STATE OF IOWA

County of POLK

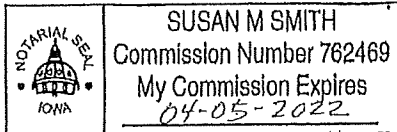
This instrument was executed before me on this 17 day of JUNE, 2019, by MARIAN T. FLATTERY, the ASSOCIATE GENERAL COUNSEL (title) of E. I. du Pont de Nemours and Company, a Delaware corporation, on behalf of said company.

Susan M. Smith

Notary Public in and for
The State of IOWA

SUSAN M. SMITH

Printed or Typed Name of Notary



My commission expires APRIL 5, 2022

Signature Page to Patent Assignment by and between E. I. du Pont de Nemours and Company and DuPont Safety & Construction, Inc.

Acknowledged and Accepted:

ASSIGNEE:

DuPont Safety & Construction, Inc.

By: Jessica M. Sinnott

Name: Jessica Sinnott

Title: Chief IP Counsel and Associate General Counsel

THE STATE OF DELAWARE

County of New Castle

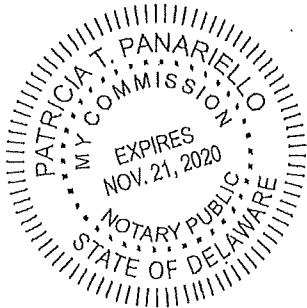
This instrument was executed before me on this 18th day of June, 2019, by Jessica M. Sinnott, Chief IP Counsel (title) of DuPont Safety & Construction, Inc., a Delaware corporation, on behalf of said company.

Patricia T. Panariello

Notary Public in and for
The State of

Patricia T. Panariello

Printed or Typed Name of Notary



My commission expires November 21, 2020

Signature Page to Patent Assignment by and between E. I. du Pont de Nemours and Company and DuPont Safety & Construction, Inc.

SCHEDULE A TO PATENT ASSIGNMENT

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
CH2700-US-NP	United States Of America	National Patent	07 Jun 2000	09/588883	06 Aug 2002	6429334	PRODUCTION OF ACID ANHYDRIDES AND ACID CHLORIDES
CH3066-US-NP	United States Of America	National Patent	27 Nov 2007	11/986877	14 Feb 2012	8115007	SYNTHESIS OF DIAMINODINITROPYRIDINE
CL1916-JP-PCT	Japan	PCT Application	24 Sep 2003	540203/04	18 May 2012	4996824	SURFACE-MODIFIED PLEXIFILAMENTARY STRUCTURES, AND COMPOSITIONS THEREFOR
CL1916-US-CNT	United States Of America	Continuation	28 Feb 2008	12/072823	29 Jun 2010	7745000	SURFACE-MODIFIED PLEXIFILAMENTARY STRUCTURES, AND COMPOSITIONS THEREFOR
CL2931-US-CIP	United States Of America	Continuation-in-Part	10 Nov 2011	11/400428	18 Sep 2012	8268395	NANOWEB COMPOSITE MATERIAL AND GELLING METHOD FOR PREPARING SAME
CL3184-US-NP	United States Of America	National Patent	19 Jul 2006	11/489180	28 Aug 2007	7262679	ROTARY TRANSFORMER
CL3312-US-NP	United States Of America	National Patent	01 Dec 2006	11/607792	19 Apr 2011	7928076	POLYPROPYLENE BINDING PEPTIDES AND METHODS OF USE
CL3313-US-NP	United States Of America	National Patent	01 Dec 2006	11/607723	04 May 2010	7709601	NYLON BINDING PEPTIDES AND METHODS OF USE
CL3314-US-NP	United States Of America	National Patent	01 Dec 2006	11/607734	20 Apr 2010	7700716	POLYTETRAFLUOROETHYLENE BINDING PEPTIDES AND METHODS OF USE
CL3315-US-NP	United States Of America	National Patent	01 Dec 2006	11/607672	15 Mar 2011	7906617	POLYETHYLENE BINDING PEPTIDES AND METHODS OF USE
CL3316-US-NP	United States Of America	National Patent	01 Dec 2006	11/607673	15 Dec 2009	7632919	POLYSTYRENE BINDING PEPTIDES AND METHODS OF USE

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
CL3596-CN-PCT	China	PCT Application	21 Oct 2014	201480057494.5	12 Dec 2017	201480057494.5	ELECTRET NANOFIBROUS WEB AS AIR FILTRATION MEDIA
CL3596-DE-EPT	Germany	Euro-PCT Application	21 Oct 2014	14790989.9	22 Nov 2017	602014017694.1	ELECTRET NANOFIBROUS WEB AS AIR FILTRATION MEDIA
CL3596-EP-EPT	European Procedure (Patents)	Euro-PCT Application	21 Oct 2014	14790989.9	22 Nov 2017	3060326	ELECTRET NANOFIBROUS WEB AS AIR FILTRATION MEDIA
CL3596-FR-EPT	France	Euro-PCT Application	21 Oct 2014	14790989.9	22 Nov 2017	3060326	ELECTRET NANOFIBROUS WEB AS AIR FILTRATION MEDIA
CL3596-GB-EPT	United Kingdom	Euro-PCT Application	21 Oct 2014	14790989.9	22 Nov 2017	3060326	ELECTRET NANOFIBROUS WEB AS AIR FILTRATION MEDIA
CL3596-JP-PCT	Japan	PCT Application	21 Oct 2014	2016-525568			ELECTRET NANOFIBROUS WEB AS AIR FILTRATION MEDIA
CL3596-US-NP	United States Of America	National Patent	21 Oct 2014	14/519227	04 Apr 2017	9610588	ELECTRET NANOFIBROUS WEB AS AIR FILTRATION MEDIA
CL3746-CN-PCT	China	PCT Application	13 Dec 2010	201080063954.7	27 Jan 2016	201080063954.7	MULTI-LAYER ARTICLE COMPRISING POLYIMIDE NANOWEB
CL3746-DE-EPT	Germany	Euro-PCT Application	13 Dec 2010	10841501.9	02 Nov 2016	602010037737.7	MULTI-LAYER ARTICLE COMPRISING POLYIMIDE NANOWEB
CL3746-EP-EPT	European Procedure (Patents)	Euro-PCT Application	13 Dec 2010	10841501.9	02 Nov 2016	2514003	MULTI-LAYER ARTICLE COMPRISING POLYIMIDE NANOWEB
CL3746-FR-EPT	France	Euro-PCT Application	13 Dec 2010	10841501.9	02 Nov 2016	2514003	MULTI-LAYER ARTICLE COMPRISING POLYIMIDE NANOWEB
CL3746-KR-PCT	South Korea / Republic of Korea	PCT Application	13 Dec 2010	10-2012-7018338	02 Aug 2018	10-1886878	MULTI-LAYER ARTICLE COMPRISING POLYIMIDE NANOWEB
CL3746-TW-NP	Taiwan	National Patent	15 Dec 2010	099144086	11 Sep 2015	I500207	MULTI-LAYER ARTICLE COMPRISING POLYIMIDE NANOWEB

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
CL3746-US-CNT	United States Of America	Continuation	26 Jun 2013	13/927686	07 Oct 2014	8852808	MULTI-LAYER ARTICLE COMPRISING POLYIMIDE NANOWEB
CL3746-US-NP	United States Of America	National Patent	07 Oct 2010	12/899801	15 Oct 2013	8557444	MULTI-LAYER ARTICLE COMPRISING POLYIMIDE NANOWEB
CL3844-CN-PCT	China	PCT Application	22 Oct 2014	201480058179.4			APPARATUS FOR PRODUCTION OF POLYMERIC NANOFIBERS
CL3844-EP-EPT	European Procedure (Patents)	Euro-PCT Application	22 Oct 2014	14793719.7			APPARATUS FOR PRODUCTION OF POLYMERIC NANOFIBERS
CL3844-JP-PCT	Japan	PCT Application	22 Oct 2014	2016-525866			APPARATUS FOR PRODUCTION OF POLYMERIC NANOFIBERS
CL3844-KR-PCT	South Korea / Republic of Korea	PCT Application	22 Oct 2014	10-2016-7010153			APPARATUS FOR PRODUCTION OF POLYMERIC NANOFIBERS
CL3844-US-DIV	United States Of America	National Patent Divisional	01 Feb 2019	16/264,809			POLYMERIC NANOFIBERS AND NANOFIBROUS WEB
CL3844-US-NP	United States Of America	National Patent	22 Oct 2014	14/520645	19 Mar 2019	10,233,568	APPARATUS FOR PRODUCTION OF POLYMERIC NANOFIBERS
CL4092-CN-PCT	China	PCT Application	17 Dec 2008	200880120862.0	12 Dec 2012	200880120862.0	CENTRIFUGAL SOLUTION SPUN NANOFIBER PROCESS
CL4092-DE-EPT	Germany	Euro-PCT Application	17 Dec 2008	08862609.8	24 Jan 2018	602008053892.3	CENTRIFUGAL SOLUTION SPUN NANOFIBER PROCESS
CL4092-EP-EPT	European Procedure (Patents)	Euro-PCT Application	17 Dec 2008	08862609.8	24 Jan 2018	2222903	CENTRIFUGAL SOLUTION SPUN NANOFIBER PROCESS
CL4092-FR-EPT	France	Euro-PCT Application	17 Dec 2008	08862609.8	24 Jan 2018	2222903	CENTRIFUGAL SOLUTION SPUN NANOFIBER PROCESS

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
CL4092-GB-EPT	United Kingdom	Euro-PCT Application	17 Dec 2008	08862609.8	24 Jan 2018	2222903	CENTRIFUGAL SOLUTION SPUN NANOFIBER PROCESS
CL4092-JP-PCT	Japan	PCT Application	17 Dec 2008	539714/10	20 Mar 2014	5501249	CENTRIFUGAL SOLUTION SPUN NANOFIBER PROCESS
CL4092-KR-PCT	South Korea / Republic of Korea	PCT Application	17 Dec 2008	10-2010-7015710	23 Nov 2016	10-1680908	CENTRIFUGAL SOLUTION SPUN NANOFIBER PROCESS
CL4092-US-NP	United States Of America	National Patent	16 Dec 2008	12/335816	05 Dec 2017	9834865	CENTRIFUGAL SOLUTION SPUN NANOFIBER PROCESS
CL4834-CN-PCT	China	PCT Application	06 Dec 2011	201180058522.1	13 Jan 2016	201180058522.1	POLYIMIDE NANOWEB WITH AMIDIZED SURFACE AND METHOD FOR PREPARING
CL4834-DE-EPT	Germany	Euro-PCT Application	06 Dec 2011	11846493.2	25 Oct 2017	602011042793.8	POLYIMIDE NANOWEB WITH AMIDIZED SURFACE AND METHOD FOR PREPARING
CL4834-EP-EPT	European Procedure (Patents)	Euro-PCT Application	06 Dec 2011	11846493.2	25 Oct 2017	2649228	POLYIMIDE NANOWEB WITH AMIDIZED SURFACE AND METHOD FOR PREPARING
CL4834-FR-EPT	France	Euro-PCT Application	06 Dec 2011	11846493.2	25 Oct 2017	2649228	POLYIMIDE NANOWEB WITH AMIDIZED SURFACE AND METHOD FOR PREPARING
CL4834-GB-EPT	United Kingdom	Euro-PCT Application	06 Dec 2011	11846493.2	25 Oct 2017	2649228	POLYIMIDE NANOWEB WITH AMIDIZED SURFACE AND METHOD FOR PREPARING
CL4834-JP-PCT	Japan	PCT Application	06 Dec 2011	543266/13	04 Aug 2017	6185842	POLYIMIDE NANOWEB WITH AMIDIZED SURFACE AND METHOD FOR PREPARING
CL4834-KR-PCT	South Korea / Republic of Korea	PCT Application	06 Dec 2011	10-2013-7017815	22 Aug 2018	10-1892769	POLYIMIDE NANOWEB WITH AMIDIZED SURFACE AND METHOD FOR PREPARING

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
CL4834-TW-NP	Taiwan	National Patent	09 Dec 2011	100145518			POLYIMIDE NANOWEB WITH AMIDIZED SURFACE AND METHOD FOR PREPARING
CL4834-US-NP	United States Of America	National Patent	09 Dec 2010	12/963927	27 Aug 2013	8518525	POLYIMIDE NANOWEB WITH AMIDIZED SURFACE AND METHOD FOR PREPARING
CL4853-DE-EPT	Germany	Euro-PCT Application	14 Dec 2010	10841518.3	24 Sep 2014	602010019189.3	METHOD FOR INCREASING THE STRENGTH AND SOLVENT RESISTANCE OF POLYIMIDE NANOWEB
CL4853-EP-EPT	European Procedure (Patents)	Euro-PCT Application	14 Dec 2010	10841518.3	24 Sep 2014	2513366	METHOD FOR INCREASING THE STRENGTH AND SOLVENT RESISTANCE OF POLYIMIDE NANOWEB
CL4853-FR-EPT	France	Euro-PCT Application	14 Dec 2010	10841518.3	24 Sep 2014	2513366	METHOD FOR INCREASING THE STRENGTH AND SOLVENT RESISTANCE OF POLYIMIDE NANOWEB
CL4853-GB-EPT	United Kingdom	Euro-PCT Application	14 Dec 2010	10841518.3	24 Sep 2014	2513366	METHOD FOR INCREASING THE STRENGTH AND SOLVENT RESISTANCE OF POLYIMIDE NANOWEB
CL4853-HK-FPR	Hong Kong	Foreign Patent Registration	22 Apr 2013	13104852.4			METHOD FOR INCREASING THE STRENGTH AND SOLVENT RESISTANCE OF POLYIMIDE NANOWEB

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
CL4853-KR-PCT	South Korea / Republic of Korea	PCT Application	14 Dec 2010	10-2012-7018335			METHOD FOR INCREASING THE STRENGTH AND SOLVENT RESISTANCE OF POLYIMIDE NANOWEBS
CL4853-TW-NP	Taiwan	National Patent	15 Dec 2010	099144085			METHOD FOR INCREASING THE STRENGTH AND SOLVENT RESISTANCE OF POLYIMIDE NANOWEBS
CL4859-CN-PCT	China	PCT Application	05 Oct 2011	201180047942.X	24 Aug 2016	201180047942.X	RAPID THERMAL CONVERSION OF A POLYAMIC ACID FIBER TO A POLYIMIDE FIBER
CL4859-EP-EPT	European Procedure (Patents)	Euro-PCT Application	05 Oct 2011	11831496.2			RAPID THERMAL CONVERSION OF A POLYAMIC ACID FIBER TO A POLYIMIDE FIBER
CL4859-JP-PCT	Japan	PCT Application	05 Oct 2011	532899/13	11 Nov 2016	6035632	RAPID THERMAL CONVERSION OF A POLYAMIC ACID FIBER TO A POLYIMIDE FIBER
CL4886-EP-EPT	European Procedure (Patents)	Euro-PCT Application	09 Nov 2012	12847441.8			METALLIZED FIBROUS COMPOSITE SHEET WITH OLEFIN COATING
CL4886-JP-PCT	Japan	PCT Application	09 Nov 2012	541355/14	26 May 2017	6147758	METALLIZED FIBROUS COMPOSITE SHEET WITH OLEFIN COATING
CL4935-DE-EPT	Germany	Euro-PCT Application	05 Dec 2011	11802227.6	24 Feb 2016	602011023474.9	SULFONATED POLYOXADIAZOLE POLYMERS
CL4935-EP-EPT	European Procedure (Patents)	Euro-PCT Application	05 Dec 2011	11802227.6	24 Feb 2016	2652011	SULFONATED POLYOXADIAZOLE POLYMERS
CL4935-FR-EPT	France	Euro-PCT Application	05 Dec 2011	11802227.6	24 Feb 2016	2652011	SULFONATED POLYOXADIAZOLE POLYMERS

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
CL4939-CN-PCT	China	PCT Application	06 Dec 2011	201180058986.2	27 Apr 2016	201180058986.2	FILTRATION METHOD USING POLYIMIDE NANOWEB WITH AMIDIZED SURFACE AND APPARATUS THEREFOR
CL4939-EP-EPT	European Procedure (Patents)	Euro-PCT Application	06 Dec 2011	11846513.7			FILTRATION METHOD USING POLYIMIDE NANOWEB WITH AMIDIZED SURFACE AND APPARATUS THEREFOR
CL4939-KR-PCT	South Korea / Republic of Korea	PCT Application	06 Dec 2011	10-2013-7017816			FILTRATION METHOD USING POLYIMIDE NANOWEB WITH AMIDIZED SURFACE AND APPARATUS THEREFOR
CL4939-US-NP	United States Of America	National Patent	09 Dec 2010	12/963962	25 Oct 2016	9475009	FILTRATION METHOD USING POLYIMIDE NANOWEB WITH AMIDIZED SURFACE AND APPARATUS THEREFOR
CL4960-TW-NP	Taiwan	National Patent	09 Dec 2011	100145522			MULTI-LAYER ARTICLE OF POLYIMIDE NANOWEB WITH AMIDIZED SURFACE
CL4982-CN-PCT	China	PCT Application	20 Dec 2012	201280062406.1	02 Feb 2018	201280062406.1	PROCESS FOR LAYING FIBROUS WEBS FROM A CENTRIFUGAL SPINNING PROCESS
CL4982-DE-EPT	Germany	Euro-PCT Application	20 Dec 2012	12859669.9	01 Aug 2018	602012049268.6	PROCESS FOR LAYING FIBROUS WEBS FROM A CENTRIFUGAL SPINNING PROCESS
CL4982-EP-EPT	European Procedure (Patents)	Euro-PCT Application	20 Dec 2012	12859669.9	01 Aug 2018	2794972	PROCESS FOR LAYING FIBROUS WEBS FROM A CENTRIFUGAL SPINNING PROCESS

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
CL4982-FR-EPT	France	Euro-PCT Application	20 Dec 2012	12859669.9	01 Aug 2018	2794972	PROCESS FOR LAYING FIBROUS WEBS FROM A CENTRIFUGAL SPINNING PROCESS
CL4982-GB-EPT	United Kingdom	Euro-PCT Application	20 Dec 2012	12859669.9	01 Aug 2018	2794972	PROCESS FOR LAYING FIBROUS WEBS FROM A CENTRIFUGAL SPINNING PROCESS
CL4982-JP-PCT	Japan	PCT Application	20 Dec 2012	2014-548908	31 Mar 2017	6118341	PROCESS FOR LAYING FIBROUS WEBS FROM A CENTRIFUGAL SPINNING PROCESS
CL4982-KR-PCT	South Korea / Republic of Korea	PCT Application	20 Dec 2012	10-2014-7019896			PROCESS FOR LAYING FIBROUS WEBS FROM A CENTRIFUGAL SPINNING PROCESS
CL4982-US-PCD	United States Of America	PCT Application Divisional	28 Apr 2017	15/581388	15 May 2018	9970128	PROCESS FOR LAYING FIBROUS WEBS FROM A CENTRIFUGAL SPINNING PROCESS
CL4982-US-PCT	United States Of America	PCT Application	20 Dec 2012	14/364708	06 Jun 2017	9670595	PROCESS FOR LAYING FIBROUS WEBS FROM A CENTRIFUGAL SPINNING PROCESS
CL5076-TW-NP	Taiwan	National Patent	09 Dec 2011	100145520			ELECTROCHEMICAL CELL COMPRISING A MULTI-LAYER ARTICLE OF POLYIMIDE NANOWEB WITH AMIDIZED SURFACE SURFACE
CL5266-DE-EPT	Germany	Euro-PCT Application	05 Dec 2011	11806014.4	21 Jan 2015	602011013427.2	PREPARATION OF SULFONATED POLYOXADIAZOLE POLYMERS
CL5266-EP-EPT	European Procedure (Patents)	Euro-PCT Application	05 Dec 2011	11806014.4	21 Jan 2015	2652012	PREPARATION OF SULFONATED POLYOXADIAZOLE POLYMERS

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
CL5266-FR-EPT	France	Euro-PCT Application	05 Dec 2011	11806014.4	21 Jan 2015	2652012	PREPARATION OF SULFONATED POLYOXADIAZOLE POLYMERS
CL5354-US-PCT	United States Of America	PCT Application	25 May 2012	14/118906	11 Jul 2017	9701803	CLOSED-CELL TANNIN-BASED FOAMS
CL5356-US-PCT	United States Of America	PCT Application	25 May 2012	14/118916	17 Oct 2017	9790342	CLOSED-CELL TANNIN-BASED FOAMS WITHOUT FORMALDEHYDE
CL5358-US-PCT	United States Of America	PCT Application	25 May 2012	14/118940	16 Feb 2016	9260579	MIXED TANNIN-PHENOLIC FOAMS
CL5371-CN-PCT	China	PCT Application	09 Nov 2012	201280054483.2	23 Mar 2016	201280054483.2	METHOD FOR PRODUCING METALIZED FIBROUS COMPOSITE SHEET WITH OLEFIN COATING
CL5371-EP-EPT	European Procedure (Patents)	Euro-PCT Application	09 Nov 2012	12848735.2			METHOD FOR PRODUCING METALIZED FIBROUS COMPOSITE SHEET WITH OLEFIN COATING
CL5371-US-NP	United States Of America	National Patent	10 Nov 2011	13/293203	15 Jul 2014	8778462	METHOD FOR PRODUCING METALIZED FIBROUS COMPOSITE SHEET WITH OLEFIN COATING
CL5375-US-DIV	United States Of America	National Patent Divisional	19 Mar 2015	14/662275	22 Aug 2017	9739008	TREATMENT OF FILAMENTS OR YARN
CL5375-US-DIV[2]	United States Of America	National Patent Divisional	17 Feb 2017	15/435793	30 Oct 2018	10113266	TREATMENT OF FILAMENTS OR YARN
CL5375-US-NP	United States Of America	National Patent	09 Nov 2012	13/673379	21 Apr 2015	9011975	TREATMENT OF FILAMENTS OR YARN
CL5589-CN-PCT	China	PCT Application	11 Jun 2013	201380042211.5	15 May 2018	201380042211.5	SULFONATED POLYOXADIAZOLE POLYMERS ARTICLES

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
CL5589-DE-EPT	Germany	Euro-PCT Application	11 Jun 2013	13731008.2	27 Jul 2016	602013009883.2	SULFONATED POLYOXADIAZOLE POLYMERS ARTICLES
CL5589-EP-EPT	European Procedure (Patents)	Euro-PCT Application	11 Jun 2013	13731008.2	27 Jul 2016	2861648	SULFONATED POLYOXADIAZOLE POLYMERS ARTICLES
CL5589-FR-EPT	France	Euro-PCT Application	11 Jun 2013	13731008.2	27 Jul 2016	2861648	SULFONATED POLYOXADIAZOLE POLYMERS ARTICLES
CL5589-JP-PCT	Japan	PCT Application	11 Jun 2013	2015-517338	09 Mar 2018	6300378	SULFONATED POLYOXADIAZOLE POLYMERS ARTICLES
CL5704-US-NP	United States Of America	National Patent	02 Apr 2015	14/676974	16 Jan 2018	9869533	BLAST AND BALLISTIC IMPROVEMENT IN HELMETS
CL5763-CN-PCT	China	PCT Application	11 Jun 2013	201380039624.8			SULFONATED NAPHTHALENE POLYOXADIAZOLE POLYMERS
CL5763-EP-EPT	European Procedure (Patents)	Euro-PCT Application	11 Jun 2013	13731010.8			SULFONATED NAPHTHALENE POLYOXADIAZOLE POLYMERS
CL5764-CN-PCT	China	PCT Application	11 Jun 2013	201380041417.6	28 Aug 2018	201380041417.6	FLAME RESISTANT SPUN STAPLE YARNS MADE FROM BLENDS OF FIBERS DERIVED FROM SULFONATED NAPHTHALENE POLYOXADIAZOLE POLYMERS

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
CL5764-EP-EPT	European Procedure (Patents)	Euro-PCT Application	11 Jun 2013	13783124.4			FLAME RESISTANT SPUN STAPLE YARNS MADE FROM BLENDS OF FIBERS DERIVED FROM SULFONATED NAPHTHALENE POLYOXADIAZOLE POLYMERS
CL5764-JP-PCT	Japan	PCT Application	11 Jun 2013	2015-517350	24 Mar 2017	6112683	FLAME RESISTANT SPUN STAPLE YARNS MADE FROM BLENDS OF FIBERS DERIVED FROM SULFONATED NAPHTHALENE POLYOXADIAZOLE POLYMERS
CL5802-CN-PCT	China	PCT Application	13 Jan 2015	201580004787.1	03 Nov 2017	201580004787.1	GRAFTED PARA-ARAMID FIBER AND METHOD OF MAKING
CL5802-DE-EPT	Germany	Euro-PCT Application	13 Jan 2015	15701641.1	25 Oct 2017	602015005603.5	GRAFTED PARA-ARAMID FIBER AND METHOD OF MAKING
CL5802-EP-EPT	European Procedure (Patents)	Euro-PCT Application	13 Jan 2015	15701641.1	25 Oct 2017	3094774	GRAFTED PARA-ARAMID FIBER AND METHOD OF MAKING
CL5802-FR-EPT	France	Euro-PCT Application	13 Jan 2015	15701641.1	25 Oct 2017	3094774	GRAFTED PARA-ARAMID FIBER AND METHOD OF MAKING
CL5802-GB-EPT	United Kingdom	Euro-PCT Application	13 Jan 2015	15701641.1	25 Oct 2017	3094774	GRAFTED PARA-ARAMID FIBER AND METHOD OF MAKING
CL5802-JP-PCT	Japan	PCT Application	13 Jan 2015	2016-546991			GRAFTED PARA-ARAMID FIBER AND METHOD OF MAKING
CL5802-KR-PCT	South Korea / Republic of Korea	PCT Application	13 Jan 2015	10-2016-7021678			GRAFTED PARA-ARAMID FIBER AND METHOD OF MAKING

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
CL5802-US-NP	United States Of America	National Patent	15 Jan 2014	14/155449	14 Mar 2017	9593435	GRAFTED PARA-ARAMID FIBER AND METHOD OF MAKING
CL5919-CN-PCT	China	PCT Application	19 Sep 2014	2014800526 15.7	21 Nov 2017	20148005 2615.7	FIBROUS PULP AND USE THEREOF IN A COMPOSITE
CL5919-DE-EPT	Germany	Euro-PCT Application	19 Sep 2014	14781996.5	12 Sep 2018	60201403 2316.2	FIBROUS PULP AND USE THEREOF IN A COMPOSITE
CL5919-EP-EPT	European Procedure (Patents)	Euro-PCT Application	19 Sep 2014	14781996.5	12 Sep 2018	3049463	FIBROUS PULP AND USE THEREOF IN A COMPOSITE
CL5919-FR-EPT	France	Euro-PCT Application	19 Sep 2014	14781996.5	12 Sep 2018	3049463	FIBROUS PULP AND USE THEREOF IN A COMPOSITE
CL5919-GB-EPT	United Kingdom	Euro-PCT Application	19 Sep 2014	14781996.5	12 Sep 2018	3049463	FIBROUS PULP AND USE THEREOF IN A COMPOSITE
CL5919-JP-PCT	Japan	PCT Application	19 Sep 2014	2016-516952			FIBROUS PULP AND USE THEREOF IN A COMPOSITE
CL5919-KR-PCT	South Korea / Republic of Korea	PCT Application	19 Sep 2014	10-2016-7007171			FIBROUS PULP AND USE THEREOF IN A COMPOSITE
CL5919-NL-EPT	Netherlands	Euro-PCT Application	19 Sep 2014	14781996.5	12 Sep 2018	3049463	FIBROUS PULP AND USE THEREOF IN A COMPOSITE
CL5919-US-NP	United States Of America	National Patent	24 Sep 2013	14/034662	07 Jul 2015	9074321	FIBROUS PULP AND USE THEREOF IN A COMPOSITE
CL5975-EP-EPT	European Procedure (Patents)	Euro-PCT Application	10 Nov 2015	15801035.5			LIGNIN COMPOSITIONS
CL5975-US-PCT	United States Of America	PCT Application	10 Nov 2015	15/523553			LIGNIN COMPOSITIONS
CL6152-CN-PCT	China	PCT Application	13 Jan 2015	2015800047 62.1			GRAFTED PARA-ARAMID FIBER AND METHOD OF MAKING

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
CL6152-EP-EPT	European Procedure (Patents)	Euro-PCT Application	13 Jan 2015	15701639.5			GRAFTED PARA-ARAMID FIBER AND METHOD OF MAKING
CL6152-JP-PCT	Japan	PCT Application	13 Jan 2015	2016-546987			GRAFTED PARA-ARAMID FIBER AND METHOD OF MAKING
CL6152-KR-PCT	South Korea / Republic of Korea	PCT Application	13 Jan 2015	10-2016-7021686			GRAFTED PARA-ARAMID FIBER AND METHOD OF MAKING
CL6152-US-NP	United States Of America	National Patent	15 Jan 2014	14/155456	12 Jul 2016	9388526	GRAFTED PARA-ARAMID FIBER AND METHOD OF MAKING
CL6182-CN-PCT	China	PCT Application	20 Nov 2015	201580074166.0			MELT SPUN FILTRATION MEDIA FOR RESPIRATORY DEVICES AND FACE MASKS
CL6182-EP-EPT	European Procedure (Patents)	Euro-PCT Application	20 Nov 2015	15861590.6			MELT SPUN FILTRATION MEDIA FOR RESPIRATORY DEVICES AND FACE MASKS
CL6182-JP-PCT	Japan	PCT Application	20 Nov 2015	2017-527605			MELT SPUN FILTRATION MEDIA FOR RESPIRATORY DEVICES AND FACE MASKS
CL6182-KR-PCT	South Korea / Republic of Korea	PCT Application	20 Nov 2015	10-2017-7016882			MELT SPUN FILTRATION MEDIA FOR RESPIRATORY DEVICES AND FACE MASKS
CL6182-US-PCT	United States Of America	PCT Application	20 Nov 2015	15/528218			MELT SPUN FILTRATION MEDIA FOR RESPIRATORY DEVICES AND FACE MASKS
CL6203-US-NP	United States Of America	National Patent	06 May 2015	14/705782			POLYIMIDE WEB SEPARATOR FOR USE IN AN ELECTROCHEMICAL CELL
CL6559-US-NP	United States Of America	National Patent	17 Jul 2017	15/651336			SOLID POLYMERIC HIGHLY DURABLE SURFACING
CL6559-WO-PCT	International Procedure	PCT Application	24 Jul 2017	PCT/US17/43458			SOLID POLYMERIC HIGHLY DURABLE SURFACING

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
CN0012-US-NP	United States Of America	National Patent	14 Dec 2000	09/737438	14 May 2002	6387985	ACRYLIC BASED FORMULATION FOR IMPROVED TEMPERATURE AND IMPACT PERFORMANCE EMPLOYING CRUSHED NATURAL STONE
CN0017-EP-EPT	European Procedure (Patents)	Euro-PCT Application	01 Aug 2002	02748278.5	04 Apr 2007	1414898	EXTRUDABLE HIGHLY FILLED THERMOPLASTIC SHEET COMPOSITION
CN0017-FR-EPT	France	Euro-PCT Application	01 Aug 2002	02748278.5	04 Apr 2007	1414898	EXTRUDABLE HIGHLY FILLED THERMOPLASTIC SHEET COMPOSITION
CN0017-GB-EPT	United Kingdom	Euro-PCT Application	01 Aug 2002	02748278.5	04 Apr 2007	1414898	EXTRUDABLE HIGHLY FILLED THERMOPLASTIC SHEET COMPOSITION
CN0017-KR-PCT	South Korea / Republic of Korea	PCT Application	01 Aug 2002	10-2003-7017282	13 Jun 2008	840096	EXTRUDABLE HIGHLY FILLED THERMOPLASTIC SHEET COMPOSITION
CN0017-US-NP	United States Of America	National Patent	01 Aug 2001	09/919712	05 Nov 2002	6476111	EXTRUDABLE HIGHLY FILLED THERMOPLASTIC SHEET COMPOSITION
CN0020-DE-EPT	Germany	Euro-PCT Application	15 Oct 2002	02778559.1	26 Nov 2014	60246810.8	FORMATION OF THREE DIMENSIONAL BURLS IN A FILLED ACRYLIC SOLID SURFACE MATERIAL
CN0020-EP-EPT	European Procedure (Patents)	Euro-PCT Application	15 Oct 2002	02778559.1	26 Nov 2014	1436095	FORMATION OF THREE DIMENSIONAL BURLS IN A FILLED ACRYLIC SOLID SURFACE MATERIAL
CN0020-FR-EPT	France	Euro-PCT Application	15 Oct 2002	02778559.1	26 Nov 2014	1436095	FORMATION OF THREE DIMENSIONAL BURLS IN A FILLED ACRYLIC SOLID SURFACE MATERIAL
CN0020-GB-EPT	United Kingdom	Euro-PCT Application	15 Oct 2002	02778559.1	26 Nov 2014	1436095	FORMATION OF THREE DIMENSIONAL BURLS IN A FILLED ACRYLIC SOLID SURFACE MATERIAL
CN0020-JP-PCT	Japan	PCT Application	15 Oct 2002	535951/03	21 Sep 2007	4015621	FORMATION OF THREE DIMENSIONAL BURLS IN A FILLED ACRYLIC SOLID SURFACE MATERIAL

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
CN0020-KR-PCT	South Korea / Republic of Korea	PCT Application	15 Oct 2002	10-2004-7005027	11 Apr 2006	571951	FORMATION OF THREE DIMENSIONAL BURLS IN A FILLED ACRYLIC SOLID SURFACE MATERIAL
CN0020-US-NP	United States Of America	National Patent	15 Oct 2001	09/682757	08 Oct 2002	6462103	FORMATION OF THREE DIMENSIONAL BURLS IN A FILLED ACRYLIC SOLID SURFACE MATERIAL
CN0025-JP-PCT	Japan	PCT Application	15 Oct 2002	535950/03	21 Sep 2007	4015620	CONTINUOUS METHOD FOR FORMATION OF THREE DIMENSIONAL BURLS IN A FILLED ACRYLIC SOLID SURFACE MATERIAL
CN0025-KR-PCT	South Korea / Republic of Korea	PCT Application	15 Oct 2002	10-2004-7005028	11 Apr 2006	571950	CONTINUOUS METHOD FOR FORMATION OF THREE DIMENSIONAL BURLS IN A FILLED ACRYLIC SOLID SURFACE MATERIAL
CN0102-DE-EPT	Germany	Euro-PCT Application	06 Aug 2002	02759266.6	23 May 2007	60220280.9	DECORATIVE MATERIALS HAVING GEOMETRIC PATTERNS AND PROCESS FOR PREPARING THE SAME
CN0102-EP-EPT	European Procedure (Patents)	Euro-PCT Application	06 Aug 2002	02759266.6	23 May 2007	1414652	DECORATIVE MATERIALS HAVING GEOMETRIC PATTERNS AND PROCESS FOR PREPARING THE SAME
CN0102-FR-EPT	France	Euro-PCT Application	06 Aug 2002	02759266.6	23 May 2007	1414652	DECORATIVE MATERIALS HAVING GEOMETRIC PATTERNS AND PROCESS FOR PREPARING THE SAME
CN0102-GB-EPT	United Kingdom	Euro-PCT Application	06 Aug 2002	02759266.6	23 May 2007	1414652	DECORATIVE MATERIALS HAVING GEOMETRIC PATTERNS AND PROCESS FOR PREPARING THE SAME

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
CN0102-JP-PCT	Japan	PCT Application	06 Aug 2002	518846/03	10 Aug 2007	3996898	DECORATIVE MATERIALS HAVING GEOMETRIC PATTERNS AND PROCESS FOR PREPARING THE SAME
CN0201-AU-PCT	Australia	PCT Application	21 Mar 2005	2005228855	11 Mar 2010	2005228855	PARTICLE CONTAINING SOLID SURFACE MATERIAL
CN0201-DE-EPT	Germany	Euro-PCT Application	21 Mar 2005	05731335.5	20 Feb 2008	602005004900.2	PARTICLE CONTAINING SOLID SURFACE MATERIAL
CN0201-EP-EPT	European Procedure (Patents)	Euro-PCT Application	21 Mar 2005	05731335.5	20 Feb 2008	1730223	PARTICLE CONTAINING SOLID SURFACE MATERIAL
CN0201-FR-EPT	France	Euro-PCT Application	21 Mar 2005	05731335.5	20 Feb 2008	1730223	PARTICLE CONTAINING SOLID SURFACE MATERIAL
CN0201-GB-EPT	United Kingdom	Euro-PCT Application	21 Mar 2005	05731335.5	20 Feb 2008	1730223	PARTICLE CONTAINING SOLID SURFACE MATERIAL
CN0201-JP-PCT	Japan	PCT Application	21 Mar 2005	505048/07	09 Dec 2011	4880585	PARTICLE CONTAINING SOLID SURFACE MATERIAL
CN0201-KR-PCT	South Korea / Republic of Korea	PCT Application	21 Mar 2005	10-2006-7019541	04 Jan 2013	1221133	PARTICLE CONTAINING SOLID SURFACE MATERIAL
CN0201-US-NP	United States Of America	National Patent	23 Mar 2004	10/806583	24 Jul 2007	7247667	PARTICLE CONTAINING SOLID SURFACE MATERIAL
CN0404-CN-PCT	China	PCT Application	12 May 2006	200680017241.0	16 Mar 2011	200680017241.0	PROTECTIVE SURFACE MODIFICATION SYSTEM AND APPLICATION TO SUBSTRATES
CN0404-DE-EPT	Germany	Euro-PCT Application	12 May 2006	06759730.2	11 May 2011	602006021897.4	PROTECTIVE SURFACE MODIFICATION SYSTEM AND APPLICATION TO SUBSTRATES
CN0404-EP-EPT	European Procedure (Patents)	Euro-PCT Application	12 May 2006	06759730.2	11 May 2011	1885512	PROTECTIVE SURFACE MODIFICATION SYSTEM AND APPLICATION TO SUBSTRATES

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
CN0404-FR-EPT	France	Euro-PCT Application	12 May 2006	06759730.2	11 May 2011	1885512	PROTECTIVE SURFACE MODIFICATION SYSTEM AND APPLICATION TO SUBSTRATES
CN0404-GB-EPT	United Kingdom	Euro-PCT Application	12 May 2006	06759730.2	11 May 2011	1885512	PROTECTIVE SURFACE MODIFICATION SYSTEM AND APPLICATION TO SUBSTRATES
CN0404-JP-PCT	Japan	PCT Application	12 May 2006	512376/08	09 Sep 2011	4818355	PROTECTIVE SURFACE MODIFICATION SYSTEM AND APPLICATION TO SUBSTRATES
CN0404-KR-PCT	South Korea / Republic of Korea	PCT Application	12 May 2006	10-2007-7029590	20 Aug 2013	1300313	PROTECTIVE SURFACE MODIFICATION SYSTEM AND APPLICATION TO SUBSTRATES
CN0404-US-NP	United States Of America	National Patent	19 May 2005	11/132835	11 Sep 2007	7267881	PROTECTIVE SURFACE MODIFICATION SYSTEM AND APPLICATION TO SUBSTRATES
CN0602-DE-EPT	Germany	Euro-PCT Application	24 Apr 2007	07776219.3	11 Jul 2012	602007023954.0	NOVEL SURFACE AESTHETICS EMPLOYING MAGNETIC PARTICLES
CN0602-EP-EPT	European Procedure (Patents)	Euro-PCT Application	24 Apr 2007	07776219.3	11 Jul 2012	2010371	NOVEL SURFACE AESTHETICS EMPLOYING MAGNETIC PARTICLES
CN0602-FR-EPT	France	Euro-PCT Application	24 Apr 2007	07776219.3	11 Jul 2012	2010371	NOVEL SURFACE AESTHETICS EMPLOYING MAGNETIC PARTICLES
CN0602-GB-EPT	United Kingdom	Euro-PCT Application	24 Apr 2007	07776219.3	11 Jul 2012	2010371	NOVEL SURFACE AESTHETICS EMPLOYING MAGNETIC PARTICLES
CN0602-JP-PCT	Japan	PCT Application	24 Apr 2007	507790/09	25 Jan 2013	5183624	NOVEL SURFACE AESTHETICS EMPLOYING MAGNETIC PARTICLES

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
CN0902-CN-PCT	China	PCT Application	01 Jul 2010	201080029945.6	13 Jul 2016	201080029945.6	PROCESS FOR PREPARING DECORATIVE SURFACE APPEARANCE IN ACRYLIC MATERIAL EMPLOYING ANISOTROPIC PARTICLES
CN0902-DE-EPT	Germany	Euro-PCT Application	01 Jul 2010	10730330.7	29 Nov 2017	602010047023.7	PROCESS FOR PREPARING DECORATIVE SURFACE APPEARANCE IN ACRYLIC MATERIAL EMPLOYING ANISOTROPIC PARTICLES
CN0902-EP-EPT	European Procedure (Patents)	Euro-PCT Application	01 Jul 2010	10730330.7	29 Nov 2017	2448736	PROCESS FOR PREPARING DECORATIVE SURFACE APPEARANCE IN ACRYLIC MATERIAL EMPLOYING ANISOTROPIC PARTICLES
CN0902-FR-EPT	France	Euro-PCT Application	01 Jul 2010	10730330.7	29 Nov 2017	2448736	PROCESS FOR PREPARING DECORATIVE SURFACE APPEARANCE IN ACRYLIC MATERIAL EMPLOYING ANISOTROPIC PARTICLES
CN0902-GB-EPT	United Kingdom	Euro-PCT Application	01 Jul 2010	10730330.7	29 Nov 2017	2448736	PROCESS FOR PREPARING DECORATIVE SURFACE APPEARANCE IN ACRYLIC MATERIAL EMPLOYING ANISOTROPIC PARTICLES

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
CN0902-JP-PCT	Japan	PCT Application	01 Jul 2010	2012-517908	21 Nov 2014	5650209	PROCESS FOR PREPARING DECORATIVE SURFACE APPEARANCE IN ACRYLIC MATERIAL EMPLOYING ANISOTROPIC PARTICLES
CN0902-KR-PCT	South Korea / Republic of Korea	PCT Application	01 Jul 2010	10-2012-7002808	26 Jan 2017	10-1702690	PROCESS FOR PREPARING DECORATIVE SURFACE APPEARANCE IN ACRYLIC MATERIAL EMPLOYING ANISOTROPIC PARTICLES
CN0902-US-NP	United States Of America	National Patent	18 Jun 2010	12/818473	14 Oct 2014	8858850	PROCESS FOR PREPARING DECORATIVE SURFACE APPEARANCE IN ACRYLIC MATERIAL EMPLOYING ANISOTROPIC PARTICLES
CN1003-US-NP	United States Of America	National Patent	06 Apr 2012	13/441184	01 Apr 2014	8684648	FASTENING SYSTEM FOR ASSEMBLING PANELS OF DISSIMILAR MATERIALS
CN1103-US-NP	United States Of America	National Patent	06 Apr 2012	13/441243	24 Feb 2015	8959748	METHOD FOR ASSEMBLING PANELS OF DISSIMILAR MATERIALS
CN1112-DE-EPT	Germany	Euro-PCT Application	01 Jul 2013	13737754.5	22 Aug 2018	60201304 2385.7	COATED FILLER PARTICLE
CN1112-EP-EPT	European Procedure (Patents)	Euro-PCT Application	01 Jul 2013	13737754.5	22 Aug 2018	2867290	COATED FILLER PARTICLE
CN1112-FR-EPT	France	Euro-PCT Application	01 Jul 2013	13737754.5	22 Aug 2018	2867290	COATED FILLER PARTICLE

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
CN1112-GB-EPT	United Kingdom	Euro-PCT Application	01 Jul 2013	13737754.5	22 Aug 2018	2867290	COATED FILLER PARTICLE
CN1112-JP-PCT	Japan	PCT Application	01 Jul 2013	2015-520609	08 Sep 2017	6204466	COATED FILLER PARTICLE
CN1112-KR-PCT	South Korea / Republic of Korea	PCT Application	01 Jul 2013	2015-7000019			COATED FILLER PARTICLE
CN1211-EP-EPT	European Procedure (Patents)	Euro-PCT Application	01 Jul 2013	13737758.6			PROCESS FOR MANUFACTURING COATED FILLER PARTICLES
CN1211-KR-PCT	South Korea / Republic of Korea	PCT Application	01 Jul 2013	2015-7000034			PROCESS FOR MANUFACTURING COATED FILLER PARTICLES
CN1211-US-PCT	United States Of America	PCT Application	01 Jul 2013	14/410869	14 Jun 2016	9365724	PROCESS FOR MANUFACTURING COATED FILLER PARTICLES
CN1212-DE-EPT	Germany	Euro-PCT Application	01 Jul 2013	13736732.2	28 Dec 2016	602013015889.4	FILLED POLYMERIC MATERIALS WITH COATED FILLER PARTICLES
CN1212-EP-EPT	European Procedure (Patents)	Euro-PCT Application	01 Jul 2013	13736732.2	28 Dec 2016	2867288	FILLED POLYMERIC MATERIALS WITH COATED FILLER PARTICLES
CN1212-FR-EPT	France	Euro-PCT Application	01 Jul 2013	13736732.2	28 Dec 2016	2867288	FILLED POLYMERIC MATERIALS WITH COATED FILLER PARTICLES
CN1212-JP-PCT	Japan	PCT Application	01 Jul 2013	2015-520610	22 Sep 2017	6212116	FILLED POLYMERIC MATERIALS WITH COATED FILLER PARTICLES
CN1212-KR-PCT	South Korea / Republic of Korea	PCT Application	01 Jul 2013	2015-7000035			FILLED POLYMERIC MATERIALS WITH COATED FILLER PARTICLES

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
CN1212-US-PCT	United States Of America	PCT Application	01 Jul 2013	14/410855	21 Jun 2016	9371425	PROCESS FOR MANUFACTURING A FILLED POLYMERIC MATERIALS WITH MODIFIED FILLER PARTICLES
CN1303-US-NP	United States Of America	National Patent	21 Feb 2014	14/186138			TUNABLE ACOUSTICAL ABSORBING COMPOSITE BATT
CN1307-CA-PCT	Canada	PCT Application	02 Jul 2013	2878014			PROCESS FOR MANUFACTURING FILLED POLYMERIC MATERIALS WITH MODIFIED FILLER PARTICLES
CN1307-CN-PCT	China	PCT Application	02 Jul 2013	2013800452 93.9	22 Mar 2017	20138004 5293.9	PROCESS FOR MANUFACTURING FILLED POLYMERIC MATERIALS WITH MODIFIED FILLER PARTICLES
CN1307-DE-EPT	Germany	Euro-PCT Application	02 Jul 2013	13737101.9	22 Aug 2018	60201304 2384.9	PROCESS FOR MANUFACTURING FILLED POLYMERIC MATERIALS WITH MODIFIED FILLER PARTICLES
CN1307-EP-EPT	European Procedure (Patents)	Euro-PCT Application	02 Jul 2013	13737101.9	22 Aug 2018	2867289	PROCESS FOR MANUFACTURING FILLED POLYMERIC MATERIALS WITH MODIFIED FILLER PARTICLES
CN1307-FR-EPT	France	Euro-PCT Application	02 Jul 2013	13737101.9	22 Aug 2018	2867289	PROCESS FOR MANUFACTURING FILLED POLYMERIC MATERIALS WITH MODIFIED FILLER PARTICLES

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
CN1307-GB-EPT	United Kingdom	Euro-PCT Application	02 Jul 2013	13737101.9	22 Aug 2018	2867289	PROCESS FOR MANUFACTURING FILLED POLYMERIC MATERIALS WITH MODIFIED FILLER PARTICLES
CN1307-KR-PCT	South Korea / Republic of Korea	PCT Application	02 Jul 2013	10-2015-7000016			PROCESS FOR MANUFACTURING FILLED POLYMERIC MATERIALS WITH MODIFIED FILLER PARTICLES
CN1307-US-PCT	United States Of America	PCT Application	02 Jul 2013	14/410880	12 Jul 2016	9388295	FILLED POLYMERIC MATERIALS WITH MODIFIED FILLER PARTICLES
CN1413-US-NP	United States Of America	National Patent	01 Jun 2016	15/170054			RENDER COMPRISING HONEYCOMB AND CEMENTITIOUS OR CLAY OR GEOPOLYMER MATERIAL
CN1413-WO-PCT	International Procedure	PCT Application	25 May 2017	PCT/US17/34377			RENDER COMPRISING HONEYCOMB AND CEMENTITIOUS MATERIAL
CN1502-CA-PCT	Canada	PCT Application	19 Apr 2016	2973767			WATERPROOF MEMBRANE
CN1502-CN-PCT	China	PCT Application	19 Apr 2016	2016800241.69.8			WATERPROOF MEMBRANE
CN1502-EP-EPT	European Procedure (Patents)	Euro-PCT Application	19 Apr 2016	16720626.7			WATERPROOF MEMBRANE
CN1502-JP-PCT	Japan	PCT Application	19 Apr 2016	2017-554024			WATERPROOF MEMBRANE
CN1502-US-PCT	United States Of America	PCT Application	19 Apr 2016	15/553737			WATERPROOF MEMBRANE
CN1516-WO-PCT	International Procedure	PCT Application	22 Aug 2017	PCT/US17/47894			SPRAYABLE COMPOSITION

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
CN1600-US-NP	United States Of America	National Patent	17 Jul 2017	15/651388			SOLID POLYMERIC HIGHLY DURABLE SURFACING
CN1600-WO-PCT	International Procedure	PCT Application	24 Jul 2017	PCT/US17/43466			SOLID POLYMERIC HIGHLY DURABLE SURFACING
CN1700-US-NP	United States Of America	National Patent	17 Apr 2018	15/955023			SOLID HYDROPHOBIC POLYMERIC SURFACING
CN1700-WO-PCT	International Procedure	PCT Application	06 Apr 2018	PCT/US18/26385			SOLID HYDROPHOBIC POLYMERIC SURFACING
CN1800-US-PSP	United States Of America	Provisional Application	25 Oct 2018	62/750576			TILED WALL ASSEMBLY
CN9607-DE-EPT	Germany	Euro-PCT Application	16 Jun 1999	99928688.3	28 Apr 2004	69916836.8	THERMOSET VOLATILE MONOMER MOLDING COMPOSITIONS AND METHOD FOR MOLDING
CN9607-EP-EPT	European Procedure (Patents)	Euro-PCT Application	16 Jun 1999	99928688.3	28 Apr 2004	1093470	THERMOSET VOLATILE MONOMER MOLDING COMPOSITIONS AND METHOD FOR MOLDING
CN9607-FR-EPT	France	Euro-PCT Application	16 Jun 1999	99928688.3	28 Apr 2004	1093470	THERMOSET VOLATILE MONOMER MOLDING COMPOSITIONS AND METHOD FOR MOLDING
CN9607-GB-EPT	United Kingdom	Euro-PCT Application	16 Jun 1999	99928688.3	28 Apr 2004	1093470	THERMOSET VOLATILE MONOMER MOLDING COMPOSITIONS AND METHOD FOR MOLDING
CN9607-KR-PCT	South Korea / Republic of Korea	PCT Application	16 Jun 1999	10-2000-7014343	09 Jun 2006	590647	THERMOSET VOLATILE MONOMER MOLDING COMPOSITIONS AND METHOD FOR MOLDING
CN9607-US-DIV[1]	United States Of America	National Patent Divisional	26 Jun 2002	10/183724	08 Jun 2004	6746640	THERMOSET VOLATILE MONOMER MOLDING COMPOSITIONS AND METHOD FOR MOLDING
CN9904-US-NP	United States Of America	National Patent	27 Jan 2000	09/491640	27 Mar 2001	6207741	THIN FLAME RESISTANT SOLID SURFACE MATERIAL

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
CN9905-US-NP	United States Of America	National Patent	26 Jun 2000	09/602710	08 Apr 2003	6544451	DIRECT SHEET EXTRUSION OF SOLID SURFACE SHEET AND PROFILED MATERIALS
CN9911-US-NP	United States Of America	National Patent	27 Feb 2001	09/794812	04 Feb 2003	6515060	SOLID SURFACE SHEET MATERIALS CONTAINING SYNTHETIC MICA
CN9942-CA-PCT	Canada	PCT Application	30 Jan 2002	2433054	21 Sep 2010	2433054	SOLID SURFACE MATERIALS PREPARED FROM EXTRUDABLE ACRYLIC COMPOSITES
CN9942-DE-EPT	Germany	Euro-PCT Application	30 Jan 2002	02709453.1	20 Jul 2005	60205098.7	SOLID SURFACE MATERIALS PREPARED FROM EXTRUDABLE ACRYLIC COMPOSITES
CN9942-EP-EPT	European Procedure (Patents)	Euro-PCT Application	30 Jan 2002	02709453.1	20 Jul 2005	1377631	SOLID SURFACE MATERIALS PREPARED FROM EXTRUDABLE ACRYLIC COMPOSITES
CN9942-FR-EPT	France	Euro-PCT Application	30 Jan 2002	02709453.1	20 Jul 2005	1377631	SOLID SURFACE MATERIALS PREPARED FROM EXTRUDABLE ACRYLIC COMPOSITES
CN9942-GB-EPT	United Kingdom	Euro-PCT Application	30 Jan 2002	02709453.1	20 Jul 2005	1377631	SOLID SURFACE MATERIALS PREPARED FROM EXTRUDABLE ACRYLIC COMPOSITES
CN9942-US-NP	United States Of America	National Patent	02 Feb 2001	09/775987	05 Nov 2002	6476100	SOLID SURFACE MATERIALS PREPARED FROM EXTRUDABLE ACRYLIC COMPOSITES
DC2123-CA-PCT	Canada	PCT Application	15 Dec 1998	2314999	12 May 2009	2314999	SKATER PROTECTIVE GARMENTS
DC2123-CH-EPT	Switzerland	Euro-PCT Application	15 Dec 1998	98962153.7	26 Feb 2003	1039812	SKATER PROTECTIVE GARMENTS
DC2123-DE-EPT	Germany	Euro-PCT Application	15 Dec 1998	98962153.7	26 Feb 2003	69811727.1	SKATER PROTECTIVE GARMENTS

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
DC2123-EP-EPT	European Procedure (Patents)	Euro-PCT Application	15 Dec 1998	98962153.7	26 Feb 2003	1039812	SKATER PROTECTIVE GARMENTS
DC2123-FI-EPT	Finland	Euro-PCT Application	15 Dec 1998	98962153.7	26 Feb 2003	1039812	SKATER PROTECTIVE GARMENTS
DC2123-SE-EPT	Sweden	Euro-PCT Application	15 Dec 1998	98962153.7	26 Feb 2003	1039812	SKATER PROTECTIVE GARMENTS
DC2123-US-NP	United States Of America	National Patent	10 Nov 1998	09/189598	04 Apr 2000	6044498	SKATER PROTECTIVE GARMENTS
EL1298-US-NP	United States Of America	National Patent	29 Sep 2017	15/719798			VOLTAGE DETECTING GLOVE
EL1298-WO-PCT	International Procedure	PCT Application	11 Sep 2018	PCT/US18/50379			VOLTAGE DETECTING GLOVE
FL0303-US-CIP	United States Of America	Continuation-in-Part	07 Dec 2004	11/007092	30 Jun 2009	7553779	PROTECTIVE LAMINATES
FL0313-CN-NP	China	National Patent	17 May 2006	200610093473.6	06 Oct 2010	200610093473.6	DIFFUSE REFLECTIVE ARTICLE
FL0313-DE-EPA	Germany	European Application	10 May 2006	06009597.3	21 Sep 2016	602006050328.8	DIFFUSE REFLECTIVE ARTICLE
FL0313-EP-EPA	European Procedure (Patents)	European Application	10 May 2006	06009597.3	21 Sep 2016	1724621	DIFFUSE REFLECTIVE ARTICLE
FL0313-FR-EPA	France	European Application	10 May 2006	06009597.3	21 Sep 2016	1724621	DIFFUSE REFLECTIVE ARTICLE
FL0313-JP-NP	Japan	National Patent	17 May 2006	138315/06	30 Nov 2012	5144030	DIFFUSE REFLECTIVE ARTICLE
FL0313-KR-NP	South Korea / Republic of Korea	National Patent	16 May 2006	10-2006-43825	04 Sep 2013	1307131	DIFFUSE REFLECTIVE ARTICLE

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
FL0313-TW-NP	Taiwan	National Patent	17 May 2006	095117487	11 Mar 2014	I429955	DIFFUSE REFLECTIVE ARTICLE
FL0313-US-NP	United States Of America	National Patent	07 Feb 2006	11/349487	09 Feb 2010	7660040	DIFFUSE REFLECTIVE ARTICLE
FL0362-US-PCT	United States Of America	PCT Application	18 Jun 2009	12/519830	26 Mar 2013	8404337	DIFFUSE REFLECTOR, DIFFUSE REFLECTIVE ARTICLE, OPTICAL DISPLAY, AND METHOD FOR PRODUCING A DIFFUSE REFLECTOR
HT3565-US-DIV	United States Of America	National Patent Divisional	25 Jan 2001	09/769123	19 Aug 2003	6607562	MOISTURE WICKING M-ARAMID FABRIC AND METHOD FOR MAKING SUCH FABRIC
HT3630-CN-PCT	China	PCT Application	27 Dec 2001	01822226.9	20 Jan 2010	01822226.9	NON-WOVEN SHEET OF ARAMID FLOC
HT3630-DE-EPT	Germany	Euro-PCT Application	27 Dec 2001	01994342.2	23 Mar 2011	60144294.6	NON-WOVEN SHEET OF ARAMID FLOC
HT3630-EP-EPT	European Procedure (Patents)	Euro-PCT Application	27 Dec 2001	01994342.2	23 Mar 2011	1354095	NON-WOVEN SHEET OF ARAMID FLOC
HT3640-CN-PCT	China	PCT Application	12 Jun 2001	01811202.1	05 Oct 2005	229718	HONEYCOMB STRUCTURE
HT3640-DE-EPT	Germany	Euro-PCT Application	12 Jun 2001	01946285.2	04 Jan 2006	60116491.1	HONEYCOMB STRUCTURE
HT3640-EP-EPT	European Procedure (Patents)	Euro-PCT Application	12 Jun 2001	01946285.2	04 Jan 2006	1289749	HONEYCOMB STRUCTURE
HT3640-JP-PCT	Japan	PCT Application	12 Jun 2001	503533/02	07 Oct 2011	4837872	HONEYCOMB STRUCTURE
HT3640-US-NP	United States Of America	National Patent	16 Jun 2000	09/595740	15 Jul 2003	6592963	HONEYCOMB STRUCTURE

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT3675-US-NP	United States Of America	National Patent	27 Oct 1999	09/427785	19 Sep 2000	6120643	ARAMID AND GLASS FIBER ABSORBENT PAPERS
HT3700-US-DIV	United States Of America	National Patent Divisional	28 Jun 2001	09/681933	01 Jul 2003	6586092	A CARDABLE FIBER BLEND AND A MOLDABLE FIBER BATT AND THE PROCESS FOR MAKING A MOLDABLE FIBER BATT
HT3700-US-DIV[1]	United States Of America	National Patent Divisional	26 Jun 2001	09/681919	01 Jul 2003	6585921	A CARDABLE FIBER BLEND AND A MOLDABLE FIBER BATT AND THE PROCESS FOR MAKING A MOLDABLE FIBER BATT
HT3700-US-DIV[2]	United States Of America	National Patent Divisional	28 Jun 2001	09/681932	01 Jul 2003	6585076	A CARDABLE FIBER BLEND AND A MOLDABLE FIBER BATT AND THE PROCESS FOR MAKING A MOLDABLE FIBER BATT
HT3710-EP-EPT	European Procedure (Patents)	Euro-PCT Application	07 Apr 2000	00921820.7	07 Jul 2004	1168951	HOT BEVERAGE FLAVOR PROTECTOR
HT3710-US-CIP	United States Of America	Continuation-in-Part	31 Mar 2000	09/540468	12 Jun 2001	6246032	HOT BEVERAGE FLAVOR PROTECTOR
HT3725-BR-PCT	Brazil	PCT Application	17 Sep 2002	PI0212790.3	21 Aug 2012	PI0212790.3	PROCESS FOR RESTORING THE APPEARANCE OF PIGMENTED OR DYED PARA-ARAMID FABRIC
HT3725-CN-PCT	China	PCT Application	17 Sep 2002	02818236.7	04 Oct 2006	286781	PROCESS FOR RESTORING THE APPEARANCE OF PIGMENTED OR DYED PARA-ARAMID FABRIC
HT3725-DE-EPT	Germany	Euro-PCT Application	17 Sep 2002	02761694.5	05 Jul 2006	60212983.4	PROCESS FOR RESTORING THE APPEARANCE OF PIGMENTED OR DYED PARA-ARAMID FABRIC

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT3725-EP-EPT	European Procedure (Patents)	Euro-PCT Application	17 Sep 2002	02761694.5	05 Jul 2006	1430175	PROCESS FOR RESTORING THE APPEARANCE OF PIGMENTED OR DYED PARA-ARAMID FABRIC
HT3725-FR-EPT	France	Euro-PCT Application	17 Sep 2002	02761694.5	05 Jul 2006	1430175	PROCESS FOR RESTORING THE APPEARANCE OF PIGMENTED OR DYED PARA-ARAMID FABRIC
HT3725-GB-EPT	United Kingdom	Euro-PCT Application	17 Sep 2002	02761694.5	05 Jul 2006	1430175	PROCESS FOR RESTORING THE APPEARANCE OF PIGMENTED OR DYED PARA-ARAMID FABRIC
HT3725-JP-PCT	Japan	PCT Application	17 Sep 2002	530934/03	08 Jan 2010	4434733	PROCESS FOR RESTORING THE APPEARANCE OF PIGMENTED OR DYED PARA-ARAMID FABRIC
HT3725-US-NP	United States Of America	National Patent	21 Sep 2001	09/960102	30 Sep 2003	6626963	PROCESS FOR RESTORING THE APPEARANCE OF PIGMENTED OR DYED PARA-ARAMID FABRIC
HT3730-US-NP	United States Of America	National Patent	21 Jan 2000	09/489067	06 Nov 2001	6312561	FLAME BARRIER COMPOSITIONS AND THEIR USE
HT3765-US-NP	United States Of America	National Patent	09 Feb 2001	09/780632	10 Oct 2006	7119036	IMPROVED PROTECTIVE APPAREL FABRIC AND GARMENT
HT3790-DE-EPT	Germany	Euro-PCT Application	01 Jul 2003	03742350.6	13 Aug 2008	60322906.9	MOLTEN METAL RESISTANT FABRICS
HT3790-EP-EPT	European Procedure (Patents)	Euro-PCT Application	01 Jul 2003	03742350.6	13 Aug 2008	1524921	MOLTEN METAL RESISTANT FABRICS
HT3790-FR-EPT	France	Euro-PCT Application	01 Jul 2003	03742350.6	13 Aug 2008	1524921	MOLTEN METAL RESISTANT FABRICS

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT3790-GB-EPT	United Kingdom	Euro-PCT Application	01 Jul 2003	03742350.6	13 Aug 2008	1524921	MOLTEN METAL RESISTANT FABRICS
HT3800-CN-PCT	China	PCT Application	01 Oct 2003	200380100788.3	11 Apr 2007	318915	FORMATION OF ARAMID PAPER LAMINATE
HT3800-EP-EPT	European Procedure (Patents)	Euro-PCT Application	01 Oct 2003	03770666.0	13 Dec 2006	1549494	FORMATION OF ARAMID PAPER LAMINATE
HT3800-US-NP	United States Of America	National Patent	01 Oct 2002	10/261862	26 Feb 2008	7335276	FORMATION OF ARAMID PAPER LAMINATE
HT3802-CN-PCT	China	PCT Application	10 Mar 2004	200480006776.9	20 May 2009	200480006776.9	INORGANIC SHEET LAMINATE
HT3802-DE-EPT	Germany	Euro-PCT Application	10 Mar 2004	04719278.6	05 Oct 2011	602004034665.9	INORGANIC SHEET LAMINATE
HT3802-EP-EPT	European Procedure (Patents)	Euro-PCT Application	10 Mar 2004	04719278.6	05 Oct 2011	1601532	INORGANIC SHEET LAMINATE
HT3802-FR-EPT	France	Euro-PCT Application	10 Mar 2004	04719278.6	05 Oct 2011	1601532	INORGANIC SHEET LAMINATE
HT3802-JP-PCT	Japan	PCT Application	10 Mar 2004	507040/06	11 Jun 2010	4527718	INORGANIC SHEET LAMINATE
HT3802-KR-PCT	South Korea / Republic of Korea	PCT Application	10 Mar 2004	10-2005-701978	14 Dec 2011	1096867	INORGANIC SHEET LAMINATE
HT3802-MX-PCT	Mexico	PCT Application	10 Mar 2004	PA/A/2005/009614	05 Mar 2008	255091	INORGANIC SHEET LAMINATE
HT3802-US-DIV	United States Of America	National Patent Divisional	14 Sep 2004	10/940563	26 Feb 2008	7335275	INORGANIC SHEET LAMINATE
HT3802-US-NP	United States Of America	National Patent	13 Mar 2003	10/388066	15 Feb 2005	6855404	INORGANIC SHEET LAMINATE

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT3805-BR-PCT	Brazil	PCT Application	15 Sep 2004	PI0413942.9	16 Dec 2014	PI0413942.9	COMPOSITE TWIST CORE-SPUN YARN AND METHOD AND DEVICE FOR ITS PRODUCTION
HT3805-CA-PCT	Canada	PCT Application	15 Sep 2004	2538787	20 Mar 2012	2538787	COMPOSITE TWIST CORE-SPUN YARN AND METHOD AND DEVICE FOR ITS PRODUCTION
HT3805-CN-PCT	China	PCT Application	15 Sep 2004	200480026646.1	18 Jul 2012	200480026646.1	COMPOSITE TWIST CORE-SPUN YARN AND METHOD AND DEVICE FOR ITS PRODUCTION
HT3805-DE-EPT	Germany	Euro-PCT Application	15 Sep 2004	04784199.4	23 May 2007	602004006634.6	COMPOSITE TWIST CORE-SPUN YARN AND METHOD AND DEVICE FOR ITS PRODUCTION
HT3805-EP-EPT	European Procedure (Patents)	Euro-PCT Application	15 Sep 2004	04784199.4	23 May 2007	1664407	COMPOSITE TWIST CORE-SPUN YARN AND METHOD AND DEVICE FOR ITS PRODUCTION
HT3805-FR-EPT	France	Euro-PCT Application	15 Sep 2004	04784199.4	23 May 2007	1664407	COMPOSITE TWIST CORE-SPUN YARN AND METHOD AND DEVICE FOR ITS PRODUCTION
HT3805-GB-EPT	United Kingdom	Euro-PCT Application	15 Sep 2004	04784199.4	23 May 2007	1664407	COMPOSITE TWIST CORE-SPUN YARN AND METHOD AND DEVICE FOR ITS PRODUCTION
HT3805-IT-EPT	Italy	Euro-PCT Application	15 Sep 2004	04784199.4	23 May 2007	1664407	COMPOSITE TWIST CORE-SPUN YARN AND METHOD AND DEVICE FOR ITS PRODUCTION
HT3805-JP-PCT	Japan	PCT Application	15 Sep 2004	527008/06	08 Jan 2010	4435166	COMPOSITE TWIST CORE-SPUN YARN AND METHOD AND DEVICE FOR ITS PRODUCTION
HT3805-KR-PCT	South Korea / Republic of Korea	PCT Application	15 Sep 2004	10-2006-7005129	28 Dec 2011	1102655	COMPOSITE TWIST CORE-SPUN YARN AND METHOD AND DEVICE FOR ITS PRODUCTION

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT3805-MX-PCT	Mexico	PCT Application	15 Sep 2004	PA/A/2006/002670	28 Nov 2008	262594	COMPOSITE TWIST CORE-SPUN YARN AND METHOD AND DEVICE FOR ITS PRODUCTION
HT3805-NL-EPT	Netherlands	Euro-PCT Application	15 Sep 2004	04784199.4	23 May 2007	1664407	COMPOSITE TWIST CORE-SPUN YARN AND METHOD AND DEVICE FOR ITS PRODUCTION
HT3805-US-DIV	United States Of America	National Patent Divisional	13 Nov 2006	11/598456	24 Feb 2009	7493747	COMPOSITE TWIST CORE-SPUN YARN AND METHOD AND DEVICE FOR ITS PRODUCTION
HT3805-US-NP	United States Of America	National Patent	15 Sep 2003	10/663546	02 Jan 2007	7155891	COMPOSITE TWIST CORE-SPUN YARN AND METHOD AND DEVICE FOR ITS PRODUCTION
HT3810-BR-PCT	Brazil	PCT Application	12 May 2004	PI0410513.3	17 Sep 2013	PI0410513.3	CONTINUOUS PROCESS FOR THE PRODUCTION OF POLYAMIDES
HT3810-CN-PCT	China	PCT Application	12 May 2004	200480013446.2	02 Jan 2008	368834	CONTINUOUS PROCESS FOR THE PRODUCTION OF POLYAMIDES
HT3810-DE-EPT	Germany	Euro-PCT Application	12 May 2004	04752164.6	14 Feb 2007	602004004777.5	CONTINUOUS PROCESS FOR THE PRODUCTION OF POLYAMIDES
HT3810-EP-EPT	European Procedure (Patents)	Euro-PCT Application	12 May 2004	04752164.6	14 Feb 2007	1629027	CONTINUOUS PROCESS FOR THE PRODUCTION OF POLYAMIDES
HT3810-FR-EPT	France	Euro-PCT Application	12 May 2004	04752164.6	14 Feb 2007	1629027	CONTINUOUS PROCESS FOR THE PRODUCTION OF POLYAMIDES
HT3810-GB-EPT	United Kingdom	Euro-PCT Application	12 May 2004	04752164.6	14 Feb 2007	1629027	CONTINUOUS PROCESS FOR THE PRODUCTION OF POLYAMIDES
HT3810-KR-PCT	South Korea / Republic of Korea	PCT Application	12 May 2004	10-2005-7021737	21 Nov 2011	1087459	CONTINUOUS PROCESS FOR THE PRODUCTION OF POLYAMIDES
HT3810-NL-EPT	Netherlands	Euro-PCT Application	12 May 2004	04752164.6	14 Feb 2007	1629027	CONTINUOUS PROCESS FOR THE PRODUCTION OF POLYAMIDES

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT3810-US-NP	United States Of America	National Patent	16 May 2003	10/439463	07 Mar 2006	7009028	CONTINUOUS PROCESS FOR THE PRODUCTION OF POLYAMIDES
HT3885-BR-PCT	Brazil	PCT Application	12 Dec 2003	PI0316598.1	27 Jan 2015	PI0316598.1	MICA SHEET AND TAPE
HT3885-CA-PCT	Canada	PCT Application	12 Dec 2003	2507925	24 May 2011	2507925	MICA SHEET AND TAPE
HT3885-CN-PCT	China	PCT Application	12 Dec 2003	200380105898.9	24 Jun 2009	200380105898.9	MICA SHEET AND TAPE
HT3885-DE-EPT	Germany	Euro-PCT Application	12 Dec 2003	03813476.3	18 Jan 2012	60339790.5	MICA SHEET AND TAPE
HT3885-EP-EPT	European Procedure (Patents)	Euro-PCT Application	12 Dec 2003	03813476.3	18 Jan 2012	1581387	MICA SHEET AND TAPE
HT3885-FR-EPT	France	Euro-PCT Application	12 Dec 2003	03813476.3	18 Jan 2012	1581387	MICA SHEET AND TAPE
HT3885-GB-EPT	United Kingdom	Euro-PCT Application	12 Dec 2003	03813476.3	18 Jan 2012	1581387	MICA SHEET AND TAPE
HT3885-IT-EPT	Italy	Euro-PCT Application	12 Dec 2003	03813476.3	18 Jan 2012	1581387	MICA SHEET AND TAPE
HT3885-KR-PCT	South Korea / Republic of Korea	PCT Application	12 Dec 2003	10-2005-7010533	23 Sep 2011	1069028	MICA SHEET AND TAPE
HT3885-MX-PCT	Mexico	PCT Application	12 Dec 2003	PA/A/2005/06249	26 Nov 2007	251850	MICA SHEET AND TAPE
HT3885-NL-EPT	Netherlands	Euro-PCT Application	12 Dec 2003	03813476.3	18 Jan 2012	1581387	MICA SHEET AND TAPE
HT3885-US-DIV	United States Of America	National Patent Divisional	24 Aug 2005	11/210990	15 Jul 2008	7399379	MICA SHEET AND TAPE

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT3885-US-NP	United States Of America	National Patent	13 Dec 2002	10/318964	31 Jan 2006	6991845	MICA SHEET AND TAPE
HT3920-DE-EPT	Germany	Euro-PCT Application	28 Jul 2004	04809521.0	14 Feb 2007	1649089	FLAME RETARDANT FIBER BLENDS COMPRISING MODACRYLIC FIBERS AND FABRICS AND GARMENTS MADE THEREFROM
HT3920-EP-EPT	European Procedure (Patents)	Euro-PCT Application	28 Jul 2004	04809521.0	14 Feb 2007	1649089	FLAME RETARDANT FIBER BLENDS COMPRISING MODACRYLIC FIBERS AND FABRICS AND GARMENTS MADE THEREFROM
HT3920-FR-EPT	France	Euro-PCT Application	28 Jul 2004	04809521.0	14 Feb 2007	1649089	FLAME RETARDANT FIBER BLENDS COMPRISING MODACRYLIC FIBERS AND FABRICS AND GARMENTS MADE THEREFROM
HT3920-GB-EPT	United Kingdom	Euro-PCT Application	28 Jul 2004	04809521.0	14 Feb 2007	1649089	FLAME RETARDANT FIBER BLENDS COMPRISING MODACRYLIC FIBERS AND FABRICS AND GARMENTS MADE THEREFROM
HT3920-IT-EPT	Italy	Euro-PCT Application	28 Jul 2004	04809521.0	14 Feb 2007	1649089	FLAME RETARDANT FIBER BLENDS COMPRISING MODACRYLIC FIBERS AND FABRICS AND GARMENTS MADE THEREFROM

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT3920-MX-PCT	Mexico	PCT Application	28 Jul 2004	PA/A/2006/01010	12 May 2008	257059	FLAME RETARDANT FIBER BLENDS COMPRISING MODACRYLIC FIBERS AND FABRICS AND GARMENTS MADE THEREFROM
HT3920-NL-EPT	Netherlands	Euro-PCT Application	28 Jul 2004	04809521.0	14 Feb 2007	1649089	FLAME RETARDANT FIBER BLENDS COMPRISING MODACRYLIC FIBERS AND FABRICS AND GARMENTS MADE THEREFROM
HT3930-CN-PCT	China	PCT Application	03 Sep 2003	03821760.0	17 Sep 2008	03821760.0	FABRIC FOR PROTECTIVE GARMENTS
HT3930-DE-EPT	Germany	Euro-PCT Application	03 Sep 2003	03795123.3	23 Aug 2006	60307865.6	FABRIC FOR PROTECTIVE GARMENTS
HT3930-EP-EPT	European Procedure (Patents)	Euro-PCT Application	03 Sep 2003	03795123.3	23 Aug 2006	1542558	FABRIC FOR PROTECTIVE GARMENTS
HT3930-FR-EPT	France	Euro-PCT Application	03 Sep 2003	03795123.3	23 Aug 2006	1542558	FABRIC FOR PROTECTIVE GARMENTS
HT3930-GB-EPT	United Kingdom	Euro-PCT Application	03 Sep 2003	03795123.3	23 Aug 2006	1542558	FABRIC FOR PROTECTIVE GARMENTS
HT3930-JP-PCT	Japan	PCT Application	03 Sep 2003	535743/04	29 Jan 2010	4446274	FABRIC FOR PROTECTIVE GARMENTS
HT3930-KR-PCT	South Korea / Republic of Korea	PCT Application	03 Sep 2003	10-2005-7004100	22 Mar 2011	1025691	FABRIC FOR PROTECTIVE GARMENTS
HT3930-MX-PCT	Mexico	PCT Application	03 Sep 2003	PA/A/2005/02642	27 May 2008	257418	FABRIC FOR PROTECTIVE GARMENTS
HT3930-US-PCT	United States Of America	PCT Application	03 Sep 2003	10/524310	26 Apr 2011	7932194	FABRIC FOR PROTECTIVE GARMENTS

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT3935-CA-PCT	Canada	PCT Application	04 Aug 2004	2533645	22 May 2012	2533645	LIGHTWEIGHT PROTECTIVE APPAREL
HT3935-CN-PCT	China	PCT Application	04 Aug 2004	200480022133.3	29 Sep 2010	200480022133.3	LIGHTWEIGHT PROTECTIVE APPAREL
HT3935-DE-ETD	Germany	Euro-PCT Application Divisional	26 Sep 2006	06020062.3	28 Apr 2010	602004026930.1	LIGHTWEIGHT PROTECTIVE APPAREL
HT3935-EP-EPT	European Procedure (Patents)	Euro-PCT Application	04 Aug 2004	04780120.4	10 Oct 2007	1651805	LIGHTWEIGHT PROTECTIVE APPAREL
HT3935-EP-ETD	European Procedure (Patents)	Euro-PCT Application Divisional	26 Sep 2006	06020062.3	28 Apr 2010	1754812	LIGHTWEIGHT PROTECTIVE APPAREL
HT3935-FR-EPT	France	Euro-PCT Application	04 Aug 2004	04780120.4	10 Oct 2007	1651805	LIGHTWEIGHT PROTECTIVE APPAREL
HT3935-FR-ETD	France	Euro-PCT Application Divisional	26 Sep 2006	06020062.3	28 Apr 2010	1754812	LIGHTWEIGHT PROTECTIVE APPAREL
HT3935-GB-ETD	United Kingdom	Euro-PCT Application Divisional	26 Sep 2006	06020062.3	28 Apr 2010	1754812	LIGHTWEIGHT PROTECTIVE APPAREL
HT3935-IT-ETD	Italy	Euro-PCT Application Divisional	26 Sep 2006	06020062.3	28 Apr 2010	1754812	LIGHTWEIGHT PROTECTIVE APPAREL
HT3935-JP-PCT	Japan	PCT Application	04 Aug 2004	522703/06	06 Aug 2010	4564009	LIGHTWEIGHT PROTECTIVE APPAREL

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT3935-KR-PCT	South Korea / Republic of Korea	PCT Application	04 Aug 2004	10-2006-7002369	28 Dec 2011	1102767	LIGHTWEIGHT PROTECTIVE APPAREL
HT3935-NL-ETD	Netherlands	Euro-PCT Application Divisional	26 Sep 2006	06020062.3	28 Apr 2010	1754812	LIGHTWEIGHT PROTECTIVE APPAREL
HT3935-US-CIP	United States Of America	Continuation-in-Part	26 Jul 2004	10/899462	02 Jan 2007	7156883	LIGHTWEIGHT PROTECTIVE APPAREL
HT3945-BR-PCT	Brazil	PCT Application	28 Oct 2004	PI0415794.0	17 Mar 2015	PI0415794.0	IMPROVED WET SPINNING PROCESS FOR ARAMID POLYMER CONTAINING SALTS
HT3945-CN-PCT	China	PCT Application	28 Oct 2004	200480032455.6	14 Oct 2009	200480032455.6	IMPROVED WET SPINNING PROCESS FOR ARAMID POLYMER CONTAINING SALTS
HT3945-DE-EPT	Germany	Euro-PCT Application	28 Oct 2004	04796826.8	04 Jun 2008	1678355	IMPROVED WET SPINNING PROCESS FOR ARAMID POLYMER CONTAINING SALTS
HT3945-EP-EPT	European Procedure (Patents)	Euro-PCT Application	28 Oct 2004	04796826.8	04 Jun 2008	1678355	IMPROVED WET SPINNING PROCESS FOR ARAMID POLYMER CONTAINING SALTS
HT3945-GB-EPT	United Kingdom	Euro-PCT Application	28 Oct 2004	04796826.8	04 Jun 2008	1678355	IMPROVED WET SPINNING PROCESS FOR ARAMID POLYMER CONTAINING SALTS
HT3945-IT-EPT	Italy	Euro-PCT Application	28 Oct 2004	04796826.8	04 Jun 2008	1678355	IMPROVED WET SPINNING PROCESS FOR ARAMID POLYMER CONTAINING SALTS
HT3945-JP-PCT	Japan	PCT Application	28 Oct 2004	538349/06	17 Sep 2010	4588032	IMPROVED WET SPINNING PROCESS FOR ARAMID POLYMER CONTAINING SALTS
HT3945-MX-PCT	Mexico	PCT Application	28 Oct 2004	PA/A/2006/04601	03 Feb 2010	273819	IMPROVED WET SPINNING PROCESS FOR ARAMID POLYMER CONTAINING SALTS

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT3945-NL-EPT	Netherlands	Euro-PCT Application	28 Oct 2004	04796826.8	04 Jun 2008	1678355	IMPROVED WET SPINNING PROCESS FOR ARAMID POLYMER CONTAINING SALTS
HT3955-JP-PCT	Japan	PCT Application	29 Sep 2005	534776/07	10 Feb 2011	4681612	ELECTRICAL INSULATION LAMINATES AND ELECTRICAL DEVICES CONTAINING SUCH LAMINATES
HT3961-CN-PCT	China	PCT Application	17 May 2006	2006800175.98.9	26 Dec 2012	200680017598.9	RESIN COMPOSITIONS
HT3961-DE-EPT	Germany	Euro-PCT Application	17 May 2006	06746558.3	23 Jan 2013	602006034357.4	RESIN COMPOSITIONS
HT3961-EP-EPT	European Procedure (Patents)	Euro-PCT Application	17 May 2006	06746558.3	23 Jan 2013	1900777	RESIN COMPOSITIONS
HT3961-FR-EPT	France	Euro-PCT Application	17 May 2006	06746558.3	23 Jan 2013	1900777	RESIN COMPOSITIONS
HT3961-IT-EPT	Italy	Euro-PCT Application	17 May 2006	06746558.3	23 Jan 2013	502013902147587	RESIN COMPOSITIONS
HT3961-JP-NP	Japan	National Patent	20 May 2005	148388/05	28 Oct 2011	4852262	RESIN COMPOSITIONS
HT3961-US-PCT	United States Of America	PCT Application	17 May 2006	11/915069	15 Feb 2011	7888434	RESIN COMPOSITIONS
HT3962-CN-PCT	China	PCT Application	17 May 2006	2006800175.97.4	15 Jan 2014	200680017597.4	LAMINATE SHEET
HT3962-DE-EPT	Germany	Euro-PCT Application	17 May 2006	06746561.7	13 Feb 2013	602006034512.7	LAMINATE SHEET
HT3962-EP-EPT	European Procedure (Patents)	Euro-PCT Application	17 May 2006	06746561.7	13 Feb 2013	1889718	LAMINATE SHEET

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT3962-FR-EPT	France	Euro-PCT Application	17 May 2006	06746561.7	13 Feb 2013	1889718	LAMINATE SHEET
HT3962-IT-EPT	Italy	Euro-PCT Application	17 May 2006	06746561.7	13 Feb 2013	50201390 2152963	LAMINATE SHEET
HT3962-JP-NP	Japan	National Patent	20 May 2005	148389/05	02 Dec 2011	4875855	LAMINATE SHEET
HT3962-US-PCT	United States Of America	PCT Application	17 May 2006	11/915074	11 May 2010	7713892	LAMINATE SHEET
HT3963-JP-NP	Japan	National Patent	24 Dec 2008	2008-328044	10 Jan 2014	5448442	INSULATION SHEET
HT3985-US-DIV	United States Of America	National Patent Divisional	23 May 2007	11/805601	26 Oct 2010	7819994	REINFORCED NONWOVEN FIRE BLOCKING FABRIC, METHOD FOR MAKING SUCH FABRIC, AND ARTICLES FIRE BLOCKED THEREWITH
HT3985-US-NP	United States Of America	National Patent	23 Mar 2004	10/806584	12 Jun 2007	7229937	REINFORCED NONWOVEN FIRE BLOCKING FABRIC, METHOD FOR MAKING SUCH FABRIC, AND ARTICLES FIRE BLOCKED THEREWITH
HT4000-BR-PCT	Brazil	PCT Application	16 Mar 2005	PI0508166.1	01 Dec 2015	PI050816 6-1	MODACRYLIC/COTTON/AR AMID FIBER BLENDS FOR ARC AND FLAME PROTECTION
HT4000-CN-PCT	China	PCT Application	16 Mar 2005	2005800071 94.7	13 Apr 2011	20058000 7194.7	MODACRYLIC/COTTON/AR AMID FIBER BLENDS FOR ARC AND FLAME PROTECTION
HT4000-DE-EPT	Germany	Euro-PCT Application	16 Mar 2005	05730009.7	28 May 2008	60200500 7193.8	MODACRYLIC/COTTON/AR AMID FIBER BLENDS FOR ARC AND FLAME PROTECTION

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4000-EP-EPT	European Procedure (Patents)	Euro-PCT Application	16 Mar 2005	05730009.7	28 May 2008	1725704	MODACRYLIC/COTTON/ARAMID FIBER BLENDS FOR ARC AND FLAME PROTECTION
HT4000-FR-EPT	France	Euro-PCT Application	16 Mar 2005	05730009.7	28 May 2008	1725704	MODACRYLIC/COTTON/ARAMID FIBER BLENDS FOR ARC AND FLAME PROTECTION
HT4000-GB-EPT	United Kingdom	Euro-PCT Application	16 Mar 2005	05730009.7	28 May 2008	1725704	MODACRYLIC/COTTON/ARAMID FIBER BLENDS FOR ARC AND FLAME PROTECTION
HT4000-MX-PCT	Mexico	PCT Application	16 Mar 2005	PA/A/2006/010452	21 Oct 2009	271084	MODACRYLIC/COTTON/ARAMID FIBER BLENDS FOR ARC AND FLAME PROTECTION
HT4010-BR-PCT	Brazil	PCT Application	16 Mar 2005	PI0508159.9	08 Dec 2015	PI0508159-9	MODACRYLIC/ARAMID FIBER BLENDS FOR ARC AND FLAME PROTECTION
HT4010-CA-PCT	Canada	PCT Application	16 Mar 2005	2557187	03 Sep 2013	2557187	MODACRYLIC/ARAMID FIBER BLENDS FOR ARC AND FLAME PROTECTION
HT4010-CN-PCT	China	PCT Application	16 Mar 2005	200580008105.0	22 Jun 2011	200580008105.0	MODACRYLIC/ARAMID FIBER BLENDS FOR ARC AND FLAME PROTECTION
HT4010-DE-EPT	Germany	Euro-PCT Application	16 Mar 2005	05730208.5	10 Sep 2008	602005009672.8	MODACRYLIC/ARAMID FIBER BLENDS FOR ARC AND FLAME PROTECTION
HT4010-EP-EPT	European Procedure (Patents)	Euro-PCT Application	16 Mar 2005	05730208.5	10 Sep 2008	1725705	MODACRYLIC/ARAMID FIBER BLENDS FOR ARC AND FLAME PROTECTION
HT4010-FR-EPT	France	Euro-PCT Application	16 Mar 2005	05730208.5	10 Sep 2008	1725705	MODACRYLIC/ARAMID FIBER BLENDS FOR ARC AND FLAME PROTECTION

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4010-GB-EPT	United Kingdom	Euro-PCT Application	16 Mar 2005	05730208.5	10 Sep 2008	1725705	MODACRYLIC/ARAMID FIBER BLENDS FOR ARC AND FLAME PROTECTION
HT4010-JP-PCT	Japan	PCT Application	16 Mar 2005	504100/07	14 Jan 2011	4662976	MODACRYLIC/ARAMID FIBER BLENDS FOR ARC AND FLAME PROTECTION
HT4010-KR-PCT	South Korea / Republic of Korea	PCT Application	16 Mar 2005	10-2006-7019022	25 Oct 2012	1196575	MODACRYLIC/ARAMID FIBER BLENDS FOR ARC AND FLAME PROTECTION
HT4010-MX-PCT	Mexico	PCT Application	16 Mar 2005	PA/A/2006/010451	05 Oct 2009	270616	MODACRYLIC/ARAMID FIBER BLENDS FOR ARC AND FLAME PROTECTION
HT4010-US-NP	United States Of America	National Patent	18 Mar 2004	10/803383	27 Jun 2006	7065950	MODACRYLIC/ARAMID FIBER BLENDS FOR ARC AND FLAME PROTECTION
HT4020-BR-PCT	Brazil	PCT Application	15 Apr 2005	PI0509409.7	22 Dec 2015	PI0509409.7	ARAMID PAPER BLEND
HT4020-CA-PCT	Canada	PCT Application	15 Apr 2005	2561329	15 Jul 2014	2561329	ARAMID PAPER BLEND
HT4020-CN-PCT	China	PCT Application	15 Apr 2005	200580011138.0	07 Apr 2010	200580011138.0	ARAMID PAPER BLEND
HT4020-DE-EPT	Germany	Euro-PCT Application	15 Apr 2005	05739774.7	15 Aug 2012	602005035648.7	ARAMID PAPER BLEND
HT4020-EP-EPT	European Procedure (Patents)	Euro-PCT Application	15 Apr 2005	05739774.7	15 Aug 2012	1756360	ARAMID PAPER BLEND
HT4020-FR-EPT	France	Euro-PCT Application	15 Apr 2005	05739774.7	15 Aug 2012	1756360	ARAMID PAPER BLEND
HT4020-GB-EPT	United Kingdom	Euro-PCT Application	15 Apr 2005	05739774.7	15 Aug 2012	1756360	ARAMID PAPER BLEND

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4020-JP-DIV	Japan	National Patent Divisional	22 Jul 2011	2011-161010	30 Jan 2015	5686688	ARAMID PAPER BLEND
HT4020-LU-EPT	Luxembourg	Euro-PCT Application	15 Apr 2005	05739774.7	15 Aug 2012	1756360	ARAMID PAPER BLEND
HT4050-BR-PCT	Brazil	PCT Application	25 Aug 2005	PI0515243.7	19 Sep 2017	PI0515243-7	THERMALLY-RESISTANT COMPOSITE FABRIC SHEET
HT4050-CN-PCT	China	PCT Application	25 Aug 2005	200580028693.4	22 Apr 2009	200580028693.4	THERMALLY-RESISTANT COMPOSITE FABRIC SHEET
HT4050-DE-EPT	Germany	Euro-PCT Application	25 Aug 2005	05792531.5	07 May 2008	1796492	THERMALLY-RESISTANT COMPOSITE FABRIC SHEET
HT4050-EP-EPT	European Procedure (Patents)	Euro-PCT Application	25 Aug 2005	05792531.5	07 May 2008	1796492	THERMALLY-RESISTANT COMPOSITE FABRIC SHEET
HT4050-GB-EPT	United Kingdom	Euro-PCT Application	25 Aug 2005	05792531.5	07 May 2008	1796492	THERMALLY-RESISTANT COMPOSITE FABRIC SHEET
HT4050-IT-EPT	Italy	Euro-PCT Application	25 Aug 2005	05792531.5	07 May 2008	1796492	THERMALLY-RESISTANT COMPOSITE FABRIC SHEET
HT4050-JP-PCT	Japan	PCT Application	25 Aug 2005	530217/07	24 Jun 2011	4769807	THERMALLY-RESISTANT COMPOSITE FABRIC SHEET
HT4050-KR-PCT	South Korea / Republic of Korea	PCT Application	25 Aug 2005	10-2007-7006638	29 Nov 2012	1208777	THERMALLY-RESISTANT COMPOSITE FABRIC SHEET
HT4050-NL-EPT	Netherlands	Euro-PCT Application	25 Aug 2005	05792531.5	07 May 2008	1796492	THERMALLY-RESISTANT COMPOSITE FABRIC SHEET
HT4055-CN-PCT	China	PCT Application	21 Mar 2005	200580009587.1	09 Feb 2011	200580009587.1	FABRIC FOR PROTECTIVE GARMENTS
HT4055-DE-EPT	Germany	Euro-PCT Application	21 Mar 2005	05731319.9	26 Aug 2009	602005016237.2	FABRIC FOR PROTECTIVE GARMENTS

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4055-EP-EPT	European Procedure (Patents)	Euro-PCT Application	21 Mar 2005	05731319.9	26 Aug 2009	1740746	FABRIC FOR PROTECTIVE GARMENTS
HT4055-ES-EPT	Spain	Euro-PCT Application	21 Mar 2005	05731319.9	26 Aug 2009	1740746	FABRIC FOR PROTECTIVE GARMENTS
HT4055-FR-EPT	France	Euro-PCT Application	21 Mar 2005	05731319.9	26 Aug 2009	1740746	FABRIC FOR PROTECTIVE GARMENTS
HT4055-GB-EPT	United Kingdom	Euro-PCT Application	21 Mar 2005	05731319.9	26 Aug 2009	1740746	FABRIC FOR PROTECTIVE GARMENTS
HT4055-JP-PCT	Japan	PCT Application	21 Mar 2005	506226/07	24 Sep 2010	4594379	FABRIC FOR PROTECTIVE GARMENTS
HT4055-KR-PCT	South Korea / Republic of Korea	PCT Application	21 Mar 2005	10-2006-7020331	18 Dec 2012	1215713	FABRIC FOR PROTECTIVE GARMENTS
HT4055-MX-PCT	Mexico	PCT Application	21 Mar 2005	PA/A/2006/011102	17 Apr 2009	266122	FABRIC FOR PROTECTIVE GARMENTS
HT4055-US-NP	United States Of America	National Patent	27 Jan 2005	11/044241	22 Jul 2008	7402538	FABRIC FOR PROTECTIVE GARMENTS
HT4095-US-NP	United States Of America	National Patent	23 Nov 2004	10/996897	24 Jul 2007	7247585	REINFORCED NONWOVEN FIRE BLOCKING FABRIC HAVING RIDGES AND GROOVES AND ARTICLES FIRE BLOCKED THEREWITH
HT4130-US-NP	United States Of America	National Patent	27 Dec 2004	11/023153	05 Jun 2007	7226877	LIQUID WATER IMPERMEABLE REINFORCED NONWOVEN FIRE BLOCKING FABRIC, METHOD FOR MAKING SUCH FABRIC, AND ARTICLES FIRE BLOCKED THEREWITH

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4140-BR-PCT	Brazil	PCT Application	31 Jan 2006	PI0606546.5			INSULATED POWER CABLE
HT4140-CA-PCT	Canada	PCT Application	31 Jan 2006	2596102	11 Jun 2013	2596102	INSULATED POWER CABLE
HT4140-CN-PCT	China	PCT Application	31 Jan 2006	200680003541.3	04 Apr 2012	200680003541.3	INSULATED POWER CABLE
HT4140-DE-EPT	Germany	Euro-PCT Application	31 Jan 2006	06734100.8	10 Apr 2013	602006035563.7	INSULATED POWER CABLE
HT4140-EP-EPT	European Procedure (Patents)	Euro-PCT Application	31 Jan 2006	06734100.8	10 Apr 2013	1844477	INSULATED POWER CABLE
HT4140-FR-EPT	France	Euro-PCT Application	31 Jan 2006	06734100.8	10 Apr 2013	1844477	INSULATED POWER CABLE
HT4140-GB-EPT	United Kingdom	Euro-PCT Application	31 Jan 2006	06734100.8	10 Apr 2013	1844477	INSULATED POWER CABLE
HT4140-IT-EPT	Italy	Euro-PCT Application	31 Jan 2006	06734100.8	10 Apr 2013	1844477	INSULATED POWER CABLE
HT4140-KR-PCT	South Korea / Republic of Korea	PCT Application	31 Jan 2006	10-2007-7019947	16 Oct 2013	1321206	INSULATED POWER CABLE
HT4140-MX-PCT	Mexico	PCT Application	31 Jan 2006	MX/A/2007/009209	27 Oct 2009	271253	INSULATED POWER CABLE
HT4140-NL-EPT	Netherlands	Euro-PCT Application	31 Jan 2006	06734100.8	10 Apr 2013	1844477	INSULATED POWER CABLE
HT4140-US-CNT	United States Of America	Continuation	25 Jul 2006	11/492242	05 Jun 2007	7227084	INSULATED POWER CABLE
HT4140-US-NP	United States Of America	National Patent	03 Feb 2005	11/050504	01 Aug 2006	7084349	INSULATED POWER CABLE

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4145-BR-PCT	Brazil	PCT Application	20 Mar 2007	PI0709356.0	28 Aug 2018	PI0709356-0	INSULATORS FOR TRANSFORMERS
HT4145-CN-PCT	China	PCT Application	20 Mar 2007	200780009848.9	23 Nov 2011	200780009848.9	INSULATORS FOR TRANSFORMERS
HT4165-CN-PCT	China	PCT Application	26 Jul 2006	200680026937.X	22 Jun 2011	200680026937.X	MODACRYLIC/ARAMID FIBER BLENDS FOR ARC AND FLAME PROTECTION AND REDUCED SHRINKAGE
HT4165-JP-PCT	Japan	PCT Application	26 Jul 2006	524144/08	02 Sep 2011	4814939	MODACRYLIC/ARAMID FIBER BLENDS FOR ARC AND FLAME PROTECTION AND REDUCED SHRINKAGE
HT4165-KR-PCT	South Korea / Republic of Korea	PCT Application	26 Jul 2006	10-2008-7004410	20 Aug 2013	1300333	MODACRYLIC/ARAMID FIBER BLENDS FOR ARC AND FLAME PROTECTION AND REDUCED SHRINKAGE
HT4165-MX-PCT	Mexico	PCT Application	26 Jul 2006	MX/A/2008/001032	25 Jun 2010	276908	MODACRYLIC/ARAMID FIBER BLENDS FOR ARC AND FLAME PROTECTION AND REDUCED SHRINKAGE
HT4165-US-NP	United States Of America	National Patent	26 Jul 2005	11/189909	25 Mar 2008	7348059	MODACRYLIC/ARAMID FIBER BLENDS FOR ARC AND FLAME PROTECTION AND REDUCED SHRINKAGE
HT4185-DE-EPT	Germany	Euro-PCT Application	24 May 2006	06760342.3	08 Sep 2010	1885953	ELECTROCONDUCTIVE ARAMID PAPER
HT4185-EP-EPT	European Procedure (Patents)	Euro-PCT Application	24 May 2006	06760342.3	08 Sep 2010	1885953	ELECTROCONDUCTIVE ARAMID PAPER
HT4185-FR-EPT	France	Euro-PCT Application	24 May 2006	06760342.3	08 Sep 2010	1885953	ELECTROCONDUCTIVE ARAMID PAPER

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4185-GB-EPT	United Kingdom	Euro-PCT Application	24 May 2006	06760342.3	08 Sep 2010	1885953	ELECTROCONDUCTIVE ARAMID PAPER
HT4185-NL-EPT	Netherlands	Euro-PCT Application	24 May 2006	06760342.3	08 Sep 2010	1885953	ELECTROCONDUCTIVE ARAMID PAPER
HT4185-US-CIP	United States Of America	Continuation-in-Part	28 Apr 2010	12/768987	01 May 2012	8168039	ELECTROCONDUCTIVE ARAMID PAPER
HT4221-CN-PCT	China	PCT Application	06 Mar 2007	200780009889.8	05 Sep 2012	200780009889.8	CERAMIC FABRICS AND METHODS FOR MAKING THEM
HT4221-DE-EPT	Germany	Euro-PCT Application	06 Mar 2007	07752618.4	09 Sep 2015	602007043013.5	CERAMIC FABRICS AND METHODS FOR MAKING THEM
HT4221-EP-EPT	European Procedure (Patents)	Euro-PCT Application	06 Mar 2007	07752618.4	09 Sep 2015	1996761	CERAMIC FABRICS AND METHODS FOR MAKING THEM
HT4221-FR-EPT	France	Euro-PCT Application	06 Mar 2007	07752618.4	09 Sep 2015	1996761	CERAMIC FABRICS AND METHODS FOR MAKING THEM
HT4221-GB-EPT	United Kingdom	Euro-PCT Application	06 Mar 2007	07752618.4	09 Sep 2015	1996761	CERAMIC FABRICS AND METHODS FOR MAKING THEM
HT4221-JP-PCT	Japan	PCT Application	06 Mar 2007	501440/09	26 Jul 2013	5324421	CERAMIC FABRICS AND METHODS FOR MAKING THEM
HT4221-KR-PCT	South Korea / Republic of Korea	PCT Application	06 Mar 2007	10-2008-702924	25 Jul 2014	1425685	CERAMIC FABRICS AND METHODS FOR MAKING THEM
HT4221-US-NP	United States Of America	National Patent	27 Feb 2007	11/712194	10 Aug 2010	7772140	CERAMIC FABRICS AND METHODS FOR MAKING THEM
HT4230-JP-PCT	Japan	PCT Application	26 Apr 2007	509610/09	13 Jul 2012	5036807	TWO STEP PREPARATION OF RANDOM POLYOXADIAZOLE COPOLYMER AND ARTICLES RESULTING THEREFROM

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4230-KR-PCT	South Korea / Republic of Korea	PCT Application	26 Apr 2007	10-2008-7029160	25 Jun 2014	1414397	TWO STEP PREPARATION OF RANDOM POLYOXADIAZOLE COPOLYMER AND ARTICLES RESULTING THEREFROM
HT4290-BR-PCT	Brazil	PCT Application	14 Aug 2007	PI0714536.5			NANOFIBER ALLERGEN BARRIER FABRIC
HT4290-CN-PCT	China	PCT Application	14 Aug 2007	200780030420.2	15 Jun 2011	200780030420.2	NANOFIBER ALLERGEN BARRIER FABRIC
HT4290-DE-EPT	Germany	Euro-PCT Application	14 Aug 2007	07811282.8	16 Nov 2011	602007018804.0	NANOFIBER ALLERGEN BARRIER FABRIC
HT4290-EP-EPT	European Procedure (Patents)	Euro-PCT Application	14 Aug 2007	07811282.8	16 Nov 2011	2051607	NANOFIBER ALLERGEN BARRIER FABRIC
HT4290-ES-EPT	Spain	Euro-PCT Application	14 Aug 2007	07811282.8	16 Nov 2011	2051607	NANOFIBER ALLERGEN BARRIER FABRIC
HT4290-FR-EPT	France	Euro-PCT Application	14 Aug 2007	07811282.8	16 Nov 2011	2051607	NANOFIBER ALLERGEN BARRIER FABRIC
HT4290-GB-EPT	United Kingdom	Euro-PCT Application	14 Aug 2007	07811282.8	16 Nov 2011	2051607	NANOFIBER ALLERGEN BARRIER FABRIC
HT4290-IN-PCT	India	PCT Application	14 Aug 2007	289/DELNP/2009			NANOFIBER ALLERGEN BARRIER FABRIC
HT4290-IT-EPT	Italy	Euro-PCT Application	14 Aug 2007	07811282.8	16 Nov 2011	2051607	NANOFIBER ALLERGEN BARRIER FABRIC
HT4290-JP-PCT	Japan	PCT Application	14 Aug 2007	524642/09	18 Oct 2013	5389648	NANOFIBER ALLERGEN BARRIER FABRIC
HT4290-KR-PCT	South Korea / Republic of Korea	PCT Application	14 Aug 2007	10-2009-7005354	11 Jun 2015	10-1529737	NANOFIBER ALLERGEN BARRIER FABRIC

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4290-SE-EPT	Sweden	Euro-PCT Application	14 Aug 2007	07811282.8	16 Nov 2011	2051607	NANOFIBER ALLERGEN BARRIER FABRIC
HT4310-CN-PCD	China	PCT Application Divisional	04 Feb 2015	201510059695.5	21 Nov 2017	201510059695.5	WIND RESISTANT AND WATER VAPOR PERMEABLE GARMENTS
HT4310-DE-EPT	Germany	Euro-PCT Application	02 Nov 2007	07839910.2	27 Apr 2011	602007014240.7	WIND RESISTANT AND WATER VAPOR PERMEABLE GARMENTS
HT4310-EP-EPT	European Procedure (Patents)	Euro-PCT Application	02 Nov 2007	07839910.2	27 Apr 2011	2077733	WIND RESISTANT AND WATER VAPOR PERMEABLE GARMENTS
HT4310-FR-EPT	France	Euro-PCT Application	02 Nov 2007	07839910.2	27 Apr 2011	2077733	WIND RESISTANT AND WATER VAPOR PERMEABLE GARMENTS
HT4310-GB-EPT	United Kingdom	Euro-PCT Application	02 Nov 2007	07839910.2	27 Apr 2011	2077733	WIND RESISTANT AND WATER VAPOR PERMEABLE GARMENTS
HT4310-JP-PCT	Japan	PCT Application	02 Nov 2007	535330/09	21 Jun 2013	5295118	WIND RESISTANT AND WATER VAPOR PERMEABLE GARMENTS
HT4310-KR-PCT	South Korea / Republic of Korea	PCT Application	02 Nov 2007	10-2009-7010811	18 Aug 2014	1443406	WIND RESISTANT AND WATER VAPOR PERMEABLE GARMENTS
HT4312-CN-PCT	China	PCT Application	02 Nov 2007	200780040958.1	29 May 2013	200780040958.1	LIQUID WATER RESISTANT AND WATER VAPOR PERMEABLE GARMENTS
HT4312-DE-EPT	Germany	Euro-PCT Application	02 Nov 2007	07839909.4	06 Jul 2011	2083644	LIQUID WATER RESISTANT AND WATER VAPOR PERMEABLE GARMENTS
HT4312-EP-EPT	European Procedure (Patents)	Euro-PCT Application	02 Nov 2007	07839909.4	06 Jul 2011	2083644	LIQUID WATER RESISTANT AND WATER VAPOR PERMEABLE GARMENTS
HT4312-FR-EPT	France	Euro-PCT Application	02 Nov 2007	07839909.4	06 Jul 2011	2083644	LIQUID WATER RESISTANT AND WATER VAPOR PERMEABLE GARMENTS

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4312-GB-EPT	United Kingdom	Euro-PCT Application	02 Nov 2007	07839909.4	06 Jul 2011	2083644	LIQUID WATER RESISTANT AND WATER VAPOR PERMEABLE GARMENTS
HT4312-JP-PCT	Japan	PCT Application	02 Nov 2007	535329/09	22 Mar 2013	5226001	LIQUID WATER RESISTANT AND WATER VAPOR PERMEABLE GARMENTS
HT4312-KR-PCT	South Korea / Republic of Korea	PCT Application	02 Nov 2007	10-2009-7010807	18 Aug 2014	1433405	LIQUID WATER RESISTANT AND WATER VAPOR PERMEABLE GARMENTS
HT4313-CN-PCT	China	PCT Application	02 Nov 2007	200780040985.9	16 Oct 2013	200780040985.9	BREATHABLE WATERPROOF FABRICS WITH A DYED AND WELDED MICROPOROUS LAYER
HT4313-DE-EPT	Germany	Euro-PCT Application	02 Nov 2007	07870836.9	22 Dec 2010	602007011480.2	BREATHABLE WATERPROOF FABRICS WITH A DYED AND WELDED MICROPOROUS LAYER
HT4313-EP-EPT	European Procedure (Patents)	Euro-PCT Application	02 Nov 2007	07870836.9	22 Dec 2010	2077734	BREATHABLE WATERPROOF FABRICS WITH A DYED AND WELDED MICROPOROUS LAYER
HT4313-FR-EPT	France	Euro-PCT Application	02 Nov 2007	07870836.9	22 Dec 2010	2077734	BREATHABLE WATERPROOF FABRICS WITH A DYED AND WELDED MICROPOROUS LAYER
HT4313-GB-EPT	United Kingdom	Euro-PCT Application	02 Nov 2007	07870836.9	22 Dec 2010	2077734	BREATHABLE WATERPROOF FABRICS WITH A DYED AND WELDED MICROPOROUS LAYER
HT4313-JP-PCT	Japan	PCT Application	02 Nov 2007	535328/09	29 Aug 2014	5603078	BREATHABLE WATERPROOF FABRICS WITH A DYED AND WELDED MICROPOROUS LAYER

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4313-KR-PCT	South Korea / Republic of Korea	PCT Application	02 Nov 2007	10-2009-7010808	23 Jun 2014	1413382	BREATHABLE WATERPROOF FABRICS WITH A DYED AND WELDED MICROPOROUS LAYER
HT4313-US-NP	United States Of America	National Patent	30 Oct 2007	11/978755	25 Jun 2013	8470722	BREATHABLE WATERPROOF FABRICS WITH A DYED AND WELDED MICROPOROUS LAYER
HT4314-CN-PCT	China	PCT Application	02 Nov 2007	2007800409 45.4	06 Jul 2011	20078004 0945.4	BREATHABLE WATERPROOF FABRICS WITH A DYED AND WELDED MICROPOROUS LAYER
HT4314-DE-EPT	Germany	Euro-PCT Application	02 Nov 2007	07839908.6	31 Dec 2014	60200703 9907.6	BREATHABLE WATERPROOF FABRICS WITH A DYED AND WELDED MICROPOROUS LAYER
HT4314-EP-EPT	European Procedure (Patents)	Euro-PCT Application	02 Nov 2007	07839908.6	31 Dec 2014	2088881	BREATHABLE WATERPROOF FABRICS WITH A DYED AND WELDED MICROPOROUS LAYER
HT4314-FR-EPT	France	Euro-PCT Application	02 Nov 2007	07839908.6	31 Dec 2014	2088881	BREATHABLE WATERPROOF FABRICS WITH A DYED AND WELDED MICROPOROUS LAYER
HT4314-GB-EPT	United Kingdom	Euro-PCT Application	02 Nov 2007	07839908.6	31 Dec 2014	2088881	BREATHABLE WATERPROOF FABRICS WITH A DYED AND WELDED MICROPOROUS LAYER
HT4314-JP-PCT	Japan	PCT Application	02 Nov 2007	535327/09	29 Aug 2014	5603077	BREATHABLE WATERPROOF FABRICS WITH A DYED AND WELDED MICROPOROUS LAYER

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4315-BR-PCT	Brazil	PCT Application	13 Sep 2007	PI0715026.1	05 Dec 2017	PI0715026-1	BAG FILTER COMPRISING META-ARAMID AND ACRYLIC FIBER
HT4315-CA-PCT	Canada	PCT Application	13 Sep 2007	2659175	22 Apr 2014	2659175	BAG FILTER COMPRISING META-ARAMID AND ACRYLIC FIBER
HT4315-CN-PCT	China	PCT Application	13 Sep 2007	200780034029.X	26 Oct 2011	200780034029.X	BAG FILTER COMPRISING META-ARAMID AND ACRYLIC FIBER
HT4315-DE-EPT	Germany	Euro-PCT Application	13 Sep 2007	07838102.7	10 Nov 2010	602007010471.8	BAG FILTER COMPRISING META-ARAMID AND ACRYLIC FIBER
HT4315-EP-EPT	European Procedure (Patents)	Euro-PCT Application	13 Sep 2007	07838102.7	10 Nov 2010	2059323	BAG FILTER COMPRISING META-ARAMID AND ACRYLIC FIBER
HT4315-FR-EPT	France	Euro-PCT Application	13 Sep 2007	07838102.7	10 Nov 2010	2059323	BAG FILTER COMPRISING META-ARAMID AND ACRYLIC FIBER
HT4315-GB-EPT	United Kingdom	Euro-PCT Application	13 Sep 2007	07838102.7	10 Nov 2010	2059323	BAG FILTER COMPRISING META-ARAMID AND ACRYLIC FIBER
HT4315-IT-EPT	Italy	Euro-PCT Application	13 Sep 2007	07838102.7	10 Nov 2010	2059323	BAG FILTER COMPRISING META-ARAMID AND ACRYLIC FIBER
HT4315-JP-PCT	Japan	PCT Application	13 Sep 2007	528275/09	12 Jul 2013	5312330	BAG FILTER COMPRISING META-ARAMID AND ACRYLIC FIBER
HT4315-KR-PCT	South Korea / Republic of Korea	PCT Application	13 Sep 2007	10-2009-7007570	23 Oct 2014	10-1456309	BAG FILTER COMPRISING META-ARAMID AND ACRYLIC FIBER

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4315-NL-EPT	Netherlands	Euro-PCT Application	13 Sep 2007	07838102.7	10 Nov 2010	2059323	BAG FILTER COMPRISING META-ARAMID AND ACRYLIC FIBER
HT4315-US-NP	United States Of America	National Patent	13 Sep 2006	11/520370	25 Nov 2008	7456120	BAG FILTER COMPRISING META-ARAMID AND ACRYLIC FIBER
HT4320-BR-PCT	Brazil	PCT Application	13 Sep 2007	PI0715031.8	05 Dec 2017	PI0715031-8	BAG FILTER COMPRISING POLYPHENYLENE SULFIDE AND ACRYLIC FIBER
HT4320-CA-PCT	Canada	PCT Application	13 Sep 2007	2659172	22 Apr 2014	2659172	BAG FILTER COMPRISING POLYPHENYLENE SULFIDE AND ACRYLIC FIBER
HT4320-CN-PCT	China	PCT Application	13 Sep 2007	200780034142.8	03 Aug 2011	200780034142.8	BAG FILTER COMPRISING POLYPHENYLENE SULFIDE AND ACRYLIC FIBER
HT4320-DE-EPT	Germany	Euro-PCT Application	13 Sep 2007	07852400.6	10 Nov 2010	602007010469.6	BAG FILTER COMPRISING POLYPHENYLENE SULFIDE AND ACRYLIC FIBER
HT4320-EP-EPT	European Procedure (Patents)	Euro-PCT Application	13 Sep 2007	07852400.6	10 Nov 2010	2059322	BAG FILTER COMPRISING POLYPHENYLENE SULFIDE AND ACRYLIC FIBER
HT4320-FR-EPT	France	Euro-PCT Application	13 Sep 2007	07852400.6	10 Nov 2010	2059322	BAG FILTER COMPRISING POLYPHENYLENE SULFIDE AND ACRYLIC FIBER
HT4320-GB-EPT	United Kingdom	Euro-PCT Application	13 Sep 2007	07852400.6	10 Nov 2010	2059322	BAG FILTER COMPRISING POLYPHENYLENE SULFIDE AND ACRYLIC FIBER

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4320-IT-EPT	Italy	Euro-PCT Application	13 Sep 2007	07852400.6	10 Nov 2010	2059322	BAG FILTER COMPRISING POLYPHENYLENE SULFIDE AND ACRYLIC FIBER
HT4320-JP-PCT	Japan	PCT Application	13 Sep 2007	528274/09	20 Sep 2013	5366809	BAG FILTER COMPRISING POLYPHENYLENE SULFIDE AND ACRYLIC FIBER
HT4320-NL-EPT	Netherlands	Euro-PCT Application	13 Sep 2007	07852400.6	10 Nov 2010	2059322	BAG FILTER COMPRISING POLYPHENYLENE SULFIDE AND ACRYLIC FIBER
HT4320-US-NP	United States Of America	National Patent	13 Sep 2006	11/520369	03 Feb 2009	7485592	BAG FILTER COMPRISING POLYPHENYLENE SULFIDE AND ACRYLIC FIBER
HT4325-JP-PCT	Japan	PCT Application	26 Apr 2007	509609/09	13 Jul 2012	5036806	TWO STEP PREPARATION OF RANDOM POLYOXADIAZOLE COPOLYMER AND ARTICLES RESULTING THEREFROM
HT4325-KR-PCT	South Korea / Republic of Korea	PCT Application	26 Apr 2007	10-2008-7029159	27 Jun 2014	1415409	TWO STEP PREPARATION OF RANDOM POLYOXADIAZOLE COPOLYMER AND ARTICLES RESULTING THEREFROM
HT4325-US-NP	United States Of America	National Patent	01 May 2006	11/414959	01 Sep 2009	7582721	TWO STEP PREPARATION OF RANDOM POLYOXADIAZOLE COPOLYMER AND ARTICLES RESULTING THEREFROM

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4335-CA-PCT	Canada	PCT Application	21 Aug 2009	2730906	12 Jul 2016	2730906	FOLDED CORE HAVING A HIGH COMPRESSION MODULUS AND ARTICLES MADE FROM THE SAME
HT4335-DE-EPT	Germany	Euro-PCT Application	21 Aug 2009	09791775.1	02 Oct 2013	602009019229.9	FOLDED CORE HAVING A HIGH COMPRESSION MODULUS AND ARTICLES MADE FROM THE SAME
HT4335-EP-EPT	European Procedure (Patents)	Euro-PCT Application	21 Aug 2009	09791775.1	02 Oct 2013	2318204	FOLDED CORE HAVING A HIGH COMPRESSION MODULUS AND ARTICLES MADE FROM THE SAME
HT4335-FR-EPT	France	Euro-PCT Application	21 Aug 2009	09791775.1	02 Oct 2013	2318204	FOLDED CORE HAVING A HIGH COMPRESSION MODULUS AND ARTICLES MADE FROM THE SAME
HT4345-DE-EPA	Germany	European Application	29 Sep 2000	00308570.1	25 Jan 2012	60046869.0	ARAMID HONEYCOMBS AND A METHOD FOR PRODUCING THE SAME
HT4345-EP-EPA	European Procedure (Patents)	European Application	29 Sep 2000	00308570.1	25 Jan 2012	1152084	ARAMID HONEYCOMBS AND A METHOD FOR PRODUCING THE SAME
HT4345-FR-EPA	France	European Application	29 Sep 2000	00308570.1	25 Jan 2012	1152084	ARAMID HONEYCOMBS AND A METHOD FOR PRODUCING THE SAME
HT4345-JP-NP	Japan	National Patent	03 Apr 2000	100458/00	21 Jun 2002	3321141	ARAMID HONEYCOMBS AND A METHOD FOR PRODUCING THE SAME
HT4345-US-NP	United States Of America	National Patent	11 Oct 2000	09/689285	08 Apr 2003	6544622	ARAMID HONEYCOMBS AND A METHOD FOR PRODUCING THE SAME
HT4350-BR-PCT	Brazil	PCT Application	12 Dec 2007	PI0718730.0	25 Sep 2018	PI0718730.0	SHAPED HONEYCOMB
HT4350-CA-PCT	Canada	PCT Application	12 Dec 2007	2669103	20 Aug 2013	2669103	SHAPED HONEYCOMB

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4350-DE-EPT	Germany	Euro-PCT Application	12 Dec 2007	07862819.5	23 Mar 2011	602007013463.3	SHAPED HONEYCOMB
HT4350-EP-EPT	European Procedure (Patents)	Euro-PCT Application	12 Dec 2007	07862819.5	23 Mar 2011	2094476	SHAPED HONEYCOMB
HT4350-FR-EPT	France	Euro-PCT Application	12 Dec 2007	07862819.5	23 Mar 2011	2094476	SHAPED HONEYCOMB
HT4350-GB-EPT	United Kingdom	Euro-PCT Application	12 Dec 2007	07862819.5	23 Mar 2011	2094476	SHAPED HONEYCOMB
HT4350-JP-PCT	Japan	PCT Application	12 Dec 2007	541361/09	14 Dec 2012	5153785	SHAPED HONEYCOMB
HT4350-US-NP	United States Of America	National Patent	15 Dec 2006	11/639468	10 Aug 2010	7771809	SHAPED HONEYCOMB
HT4351-BR-PCT	Brazil	PCT Application	12 Dec 2007	PI0718347.0			PROCESSES FOR MAKING SHAPED HONEYCOMB AND HONEYCOMBS MADE THEREBY
HT4351-CA-PCT	Canada	PCT Application	12 Dec 2007	2669190	04 Feb 2014	2669190	PROCESSES FOR MAKING SHAPED HONEYCOMB AND HONEYCOMBS MADE THEREBY
HT4351-CN-PCT	China	PCT Application	12 Dec 2007	200780046172.0	20 Aug 2014	200780046172.0	PROCESSES FOR MAKING SHAPED HONEYCOMB AND HONEYCOMBS MADE THEREBY
HT4351-DE-EPT	Germany	Euro-PCT Application	12 Dec 2007	07870918.5	13 Jun 2018	602007055127.7	PROCESSES FOR MAKING SHAPED HONEYCOMB AND HONEYCOMBS MADE THEREBY

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4351-EP-EPD	European Procedure (Patents)	European Divisional	31 May 2012	12170137.9			PROCESSES FOR MAKING SHAPED HONEYCOMB AND HONEYCOMBS MADE THEREBY
HT4351-EP-EPT	European Procedure (Patents)	Euro-PCT Application	12 Dec 2007	07870918.5	13 Jun 2018	2101989	PROCESSES FOR MAKING SHAPED HONEYCOMB AND HONEYCOMBS MADE THEREBY
HT4351-FR-EPT	France	Euro-PCT Application	12 Dec 2007	07870918.5	13 Jun 2018	2101989	PROCESSES FOR MAKING SHAPED HONEYCOMB AND HONEYCOMBS MADE THEREBY
HT4351-GB-EPT	United Kingdom	Euro-PCT Application	12 Dec 2007	07870918.5	13 Jun 2018	2101989	PROCESSES FOR MAKING SHAPED HONEYCOMB AND HONEYCOMBS MADE THEREBY
HT4351-JP-PCT	Japan	PCT Application	12 Dec 2007	541363/09	14 Mar 2014	5495789	PROCESSES FOR MAKING SHAPED HONEYCOMB AND HONEYCOMBS MADE THEREBY
HT4352-BR-PCT	Brazil	PCT Application	12 Dec 2007	PI0718743.2			PROCESSES FOR MAKING SHAPED HONEYCOMB AND HONEYCOMBS MADE THEREBY
HT4352-CA-PCT	Canada	PCT Application	12 Dec 2007	2669118	24 Sep 2013	2669118	PROCESSES FOR MAKING SHAPED HONEYCOMB AND HONEYCOMBS MADE THEREBY
HT4352-CN-PCT	China	PCT Application	12 Dec 2007	200780046101.0	13 Mar 2013	200780046101.0	PROCESSES FOR MAKING SHAPED HONEYCOMB AND HONEYCOMBS MADE THEREBY

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4352-DE-EPT	Germany	Euro-PCT Application	12 Dec 2007	07862820.3	28 Nov 2012	2094477	PROCESSES FOR MAKING SHAPED HONEYCOMB AND HONEYCOMBS MADE THEREBY
HT4352-EP-EPT	European Procedure (Patents)	Euro-PCT Application	12 Dec 2007	07862820.3	28 Nov 2012	2094477	PROCESSES FOR MAKING SHAPED HONEYCOMB AND HONEYCOMBS MADE THEREBY
HT4352-FR-EPT	France	Euro-PCT Application	12 Dec 2007	07862820.3	28 Nov 2012	2094477	PROCESSES FOR MAKING SHAPED HONEYCOMB AND HONEYCOMBS MADE THEREBY
HT4352-JP-PCT	Japan	PCT Application	12 Dec 2007	541362/09	12 Apr 2013	5241731	PROCESSES FOR MAKING SHAPED HONEYCOMB AND HONEYCOMBS MADE THEREBY
HT4352-US-NP	United States Of America	National Patent	15 Dec 2006	11/639550	31 Aug 2010	7785520	PROCESSES FOR MAKING SHAPED HONEYCOMB AND HONEYCOMBS MADE THEREBY
HT4355-BR-PCT	Brazil	PCT Application	14 Dec 2007	PI0718732.7	24 Jan 2017	PI0718732.7	HONEYCOMB FROM CONTROLLED POROSITY PAPER
HT4355-CA-PCT	Canada	PCT Application	14 Dec 2007	2669980	24 Nov 2015	2669980	HONEYCOMB FROM CONTROLLED POROSITY PAPER
HT4355-CN-PCT	China	PCT Application	14 Dec 2007	200780046041.2	13 Jun 2012	200780046041.2	HONEYCOMB FROM CONTROLLED POROSITY PAPER
HT4355-DE-EPT	Germany	Euro-PCT Application	14 Dec 2007	07867774.7	07 Apr 2010	602007005842.2	HONEYCOMB FROM CONTROLLED POROSITY PAPER
HT4355-EP-EPT	European Procedure (Patents)	Euro-PCT Application	14 Dec 2007	07867774.7	07 Apr 2010	2102411	HONEYCOMB FROM CONTROLLED POROSITY PAPER

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4355-FR-EPT	France	Euro-PCT Application	14 Dec 2007	07867774.7	07 Apr 2010	2102411	HONEYCOMB FROM CONTROLLED POROSITY PAPER
HT4355-JP-PCT	Japan	PCT Application	14 Dec 2007	541410/09	19 Jul 2013	5317984	HONEYCOMB FROM CONTROLLED POROSITY PAPER
HT4355-KR-PCT	South Korea / Republic of Korea	PCT Application	14 Dec 2007	10-2009-7014744	06 Apr 2015	10-1511391	HONEYCOMB FROM CONTROLLED POROSITY PAPER
HT4355-US-NP	United States Of America	National Patent	15 Dec 2006	11/640045	10 Aug 2010	7771811	HONEYCOMB FROM CONTROLLED POROSITY PAPER
HT4360-BR-PCT	Brazil	PCT Application	14 Dec 2007	PI0718741.6	17 Jul 2018	PI0718741.6	HONEYCOMB FROM PAPER HAVING A HIGH MELT POINT THERMOPLASTIC FIBER
HT4360-CA-PCT	Canada	PCT Application	14 Dec 2007	2669968	10 Feb 2015	2669968	HONEYCOMB FROM PAPER HAVING A HIGH MELT POINT THERMOPLASTIC FIBER
HT4360-CN-PCT	China	PCT Application	14 Dec 2007	200780046141.5	14 Nov 2012	200780046141.5	HONEYCOMB FROM PAPER HAVING A HIGH MELT POINT THERMOPLASTIC FIBER
HT4360-EP-EPT	European Procedure (Patents)	Euro-PCT Application	14 Dec 2007	07867772.1			HONEYCOMB FROM PAPER HAVING A HIGH MELT POINT THERMOPLASTIC FIBER
HT4360-JP-PCT	Japan	PCT Application	14 Dec 2007	541408/09	13 Dec 2013	5431950	HONEYCOMB FROM PAPER HAVING A HIGH MELT POINT THERMOPLASTIC FIBER
HT4360-US-NP	United States Of America	National Patent	15 Dec 2006	11/639548	10 Aug 2010	7771810	HONEYCOMB FROM PAPER HAVING A HIGH MELT POINT THERMOPLASTIC FIBER
HT4365-CA-PCT	Canada	PCT Application	14 Dec 2007	2669940	06 Oct 2015	2669940	HONEYCOMB FROM PAPER HAVING FLAME RETARDANT THERMOPLASTIC BINDER

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4365-CN-PCT	China	PCT Application	14 Dec 2007	200780045999.X			HONEYCOMB FROM PAPER HAVING FLAME RETARDANT THERMOPLASTIC BINDER
HT4365-DE-EPT	Germany	Euro-PCT Application	14 Dec 2007	07867777.0	19 Oct 2016	602007048420.0	HONEYCOMB FROM PAPER HAVING FLAME RETARDANT THERMOPLASTIC BINDER
HT4365-EP-EPT	European Procedure (Patents)	Euro-PCT Application	14 Dec 2007	07867777.0	19 Oct 2016	2104613	HONEYCOMB FROM PAPER HAVING FLAME RETARDANT THERMOPLASTIC BINDER
HT4365-FR-EPT	France	Euro-PCT Application	14 Dec 2007	07867777.0	19 Oct 2016	2104613	HONEYCOMB FROM PAPER HAVING FLAME RETARDANT THERMOPLASTIC BINDER
HT4365-JP-PCT	Japan	PCT Application	14 Dec 2007	541414/09	13 Dec 2013	5431951	HONEYCOMB FROM PAPER HAVING FLAME RETARDANT THERMOPLASTIC BINDER
HT4365-US-NP	United States Of America	National Patent	15 Dec 2006	11/640011	19 Oct 2010	7815993	HONEYCOMB FROM PAPER HAVING FLAME RETARDANT THERMOPLASTIC BINDER
HT4370-BR-PCT	Brazil	PCT Application	14 Dec 2007	PI0718733.5	24 Jan 2017	PI0718733.5	HONEYCOMB HAVING A LOW COEFFICIENT OF THERMAL EXPANSION AND ARTICLES MADE FROM SAME
HT4370-CN-PCT	China	PCT Application	14 Dec 2007	20078004611.4	06 Feb 2013	20078004611.4	HONEYCOMB HAVING A LOW COEFFICIENT OF THERMAL EXPANSION AND ARTICLES MADE FROM SAME

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4370-DE-EPT	Germany	Euro-PCT Application	14 Dec 2007	07867778.8	06 Oct 2010	602007009725.8	HONEYCOMB HAVING A LOW COEFFICIENT OF THERMAL EXPANSION AND ARTICLES MADE FROM SAME
HT4370-EP-EPT	European Procedure (Patents)	Euro-PCT Application	14 Dec 2007	07867778.8	06 Oct 2010	2099969	HONEYCOMB HAVING A LOW COEFFICIENT OF THERMAL EXPANSION AND ARTICLES MADE FROM SAME
HT4370-FR-EPT	France	Euro-PCT Application	14 Dec 2007	07867778.8	06 Oct 2010	2099969	HONEYCOMB HAVING A LOW COEFFICIENT OF THERMAL EXPANSION AND ARTICLES MADE FROM SAME
HT4370-GB-EPT	United Kingdom	Euro-PCT Application	14 Dec 2007	07867778.8	06 Oct 2010	2099969	HONEYCOMB HAVING A LOW COEFFICIENT OF THERMAL EXPANSION AND ARTICLES MADE FROM SAME
HT4375-BR-PCT	Brazil	PCT Application	14 Dec 2007	PI0718731.9	17 Jul 2018	PI0718731-9	HONEYCOMB CONTAINING POLY(PARAPHENYLENE TEREPHTHALAMIDE) PAPER WITH ALIPHATIC POLYAMIDE BINDER AND ARTICLES MADE THEREFROM
HT4375-CA-PCT	Canada	PCT Application	14 Dec 2007	2669979	06 Oct 2015	2669979	HONEYCOMB CONTAINING POLY(PARAPHENYLENE TEREPHTHALAMIDE) PAPER WITH ALIPHATIC POLYAMIDE BINDER AND ARTICLES MADE THEREFROM

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4375-EP-EPT	European Procedure (Patents)	Euro-PCT Application	14 Dec 2007	07867773.9			HONEYCOMB CONTAINING POLY(PARAPHENYLENE TEREPHTHALAMIDE) PAPER WITH ALIPHATIC POLYAMIDE BINDER AND ARTICLES MADE THEREFROM
HT4375-EP-ETD	European Procedure (Patents)	Euro-PCT Application Divisional	29 Jul 2010	10171285.9			HONEYCOMB CONTAINING POLY(PARAPHENYLENE TEREPHTHALAMIDE) PAPER WITH ALIPHATIC POLYAMIDE BINDER AND ARTICLES MADE THEREFROM
HT4375-JP-PCT	Japan	PCT Application	14 Dec 2007	541409/09	26 Sep 2014	5618541	HONEYCOMB CONTAINING POLY(PARAPHENYLENE TEREPHTHALAMIDE) PAPER WITH ALIPHATIC POLYAMIDE BINDER AND ARTICLES MADE THEREFROM
HT4375-US-NP	United States Of America	National Patent	15 Dec 2006	11/639457	27 Sep 2011	8025949	HONEYCOMB CONTAINING POLY(PARAPHENYLENE TEREPHTHALAMIDE) PAPER WITH ALIPHATIC POLYAMIDE BINDER AND ARTICLES MADE THEREFROM
HT4385-CA-PCT	Canada	PCT Application	21 Aug 2009	2730908	09 Feb 2016	2730908	HONEYCOMB CORE HAVING A HIGH COMPRESSION STRENGTH AND ARTICLES MADE FROM THE SAME

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4385-DE-EPT	Germany	Euro-PCT Application	21 Aug 2009	09791777.7	23 Oct 2013	602009019672.3	HONEYCOMB CORE HAVING A HIGH COMPRESSION STRENGTH AND ARTICLES MADE FROM THE SAME
HT4385-EP-EPT	European Procedure (Patents)	Euro-PCT Application	21 Aug 2009	09791777.7	23 Oct 2013	2315658	HONEYCOMB CORE HAVING A HIGH COMPRESSION STRENGTH AND ARTICLES MADE FROM THE SAME
HT4385-FR-EPT	France	Euro-PCT Application	21 Aug 2009	09791777.7	23 Oct 2013	2315658	HONEYCOMB CORE HAVING A HIGH COMPRESSION STRENGTH AND ARTICLES MADE FROM THE SAME
HT4385-GB-EPT	United Kingdom	Euro-PCT Application	21 Aug 2009	09791777.7	23 Oct 2013	2315658	HONEYCOMB CORE HAVING A HIGH COMPRESSION STRENGTH AND ARTICLES MADE FROM THE SAME
HT4395-CN-PCT	China	PCT Application	27 Jun 2007	200780026593.7	23 Nov 2011	200780026593.7	POLYOXADIAZOLE COMPOSITE FIBERS
HT4410-CN-PCT	China	PCT Application	19 Sep 2007	200780037218.2	29 Feb 2012	200780037218.2	POLYMERS AND FIBERS FORMED THEREFROM
HT4410-DE-EPT	Germany	Euro-PCT Application	19 Sep 2007	07838531.7	27 Mar 2013	602007029396.0	POLYMERS AND FIBERS FORMED THEREFROM
HT4410-EP-EPT	European Procedure (Patents)	Euro-PCT Application	19 Sep 2007	07838531.7	27 Mar 2013	2094763	POLYMERS AND FIBERS FORMED THEREFROM
HT4410-FR-EPT	France	Euro-PCT Application	19 Sep 2007	07838531.7	27 Mar 2013	2094763	POLYMERS AND FIBERS FORMED THEREFROM
HT4410-GB-EPT	United Kingdom	Euro-PCT Application	19 Sep 2007	07838531.7	27 Mar 2013	2094763	POLYMERS AND FIBERS FORMED THEREFROM

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4410-JP-PCT	Japan	PCT Application	19 Sep 2007	531386/09			POLYMERS AND FIBERS FORMED THEREFROM
HT4410-KR-PCT	South Korea / Republic of Korea	PCT Application	19 Sep 2007	10-2009-7008692	11 Apr 2014	1386825	POLYMERS AND FIBERS FORMED THEREFROM
HT4410-US-NP	United States Of America	National Patent	06 Oct 2006	11/544118	05 May 2009	7528217	POLYMERS AND FIBERS FORMED THEREFROM
HT4415-CN-PCT	China	PCT Application	28 Apr 2008	200880014251.8	28 Nov 2012	200880014251.8	BAG HOUSE FILTERS AND MEDIA
HT4415-DE-EPT	Germany	Euro-PCT Application	28 Apr 2008	08767435.4	09 Apr 2014	602008031413.8	BAG HOUSE FILTERS AND MEDIA
HT4415-EP-EPT	European Procedure (Patents)	Euro-PCT Application	28 Apr 2008	08767435.4	09 Apr 2014	2142275	BAG HOUSE FILTERS AND MEDIA
HT4415-FR-EPT	France	Euro-PCT Application	28 Apr 2008	08767435.4	09 Apr 2014	2142275	BAG HOUSE FILTERS AND MEDIA
HT4415-GB-EPT	United Kingdom	Euro-PCT Application	28 Apr 2008	08767435.4	09 Apr 2014	2142275	BAG HOUSE FILTERS AND MEDIA
HT4415-IN-PCT	India	PCT Application	28 Apr 2008	7035/DELNP/2009	09 Jan 2018	291537	BAG HOUSE FILTERS AND MEDIA
HT4415-JP-PCT	Japan	PCT Application	28 Apr 2008	506295/10	07 Mar 2014	5490680	BAG HOUSE FILTERS AND MEDIA
HT4415-KR-PCT	South Korea / Republic of Korea	PCT Application	28 Apr 2008	10-2009-7023983	23 Feb 2015	10-1497166	BAG HOUSE FILTERS AND MEDIA
HT4425-US-NP	United States Of America	National Patent	30 Jun 2008	12/215767	16 Aug 2011	7998885	FINE-FIBER NONWOVEN-SUPPORTED COATING STRUCTURE
HT4465-DE-EPT	Germany	Euro-PCT Application	15 May 2008	08767700.1	06 Apr 2016	602008043338.2	LAMINATE ELECTRICAL INSULATION PART

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4465-EP-EPT	European Procedure (Patents)	Euro-PCT Application	15 May 2008	08767700.1	06 Apr 2016	2146844	LAMINATE ELECTRICAL INSULATION PART
HT4465-FR-EPT	France	Euro-PCT Application	15 May 2008	08767700.1	06 Apr 2016	2146844	LAMINATE ELECTRICAL INSULATION PART
HT4465-GB-EPT	United Kingdom	Euro-PCT Application	15 May 2008	08767700.1	06 Apr 2016	2146844	LAMINATE ELECTRICAL INSULATION PART
HT4465-JP-PCT	Japan	PCT Application	15 May 2008	508423/10	21 Sep 2012	5091309	LAMINATE ELECTRICAL INSULATION PART
HT4465-KR-PCT	South Korea / Republic of Korea	PCT Application	15 May 2008	10-2009-7023802	24 Nov 2014	1467007	LAMINATE ELECTRICAL INSULATION PART
HT4465-US-NP	United States Of America	National Patent	18 May 2007	11/804531	18 Oct 2011	8039095	LAMINATE ELECTRICAL INSULATION PART
HT4470-BR-PCT	Brazil	PCT Application	15 May 2008	PI0809788.7			PROCESS FOR REFURBISHING AN ELECTRICAL DEVICE COMPONENT COMPRISING A LAMINATE ELECTRICAL INSULATION PART AND ELECTRICAL DEVICE COMPONENT COMPRISING SAID PART
HT4470-CN-PCT	China	PCT Application	15 May 2008	200880016497.9	12 Dec 2012	200880016497.9	PROCESS FOR REFURBISHING AN ELECTRICAL DEVICE COMPONENT COMPRISING A LAMINATE ELECTRICAL INSULATION PART AND ELECTRICAL DEVICE COMPONENT COMPRISING SAID PART

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4470-DE-EPT	Germany	Euro-PCT Application	15 May 2008	08767703.5	21 Sep 2011	2149193	PROCESS FOR REFURBISHING AN ELECTRICAL DEVICE COMPONENT COMPRISING A LAMINATE ELECTRICAL INSULATION PART AND ELECTRICAL DEVICE COMPONENT COMPRISING SAID PART
HT4470-EP-EPT	European Procedure (Patents)	Euro-PCT Application	15 May 2008	08767703.5	21 Sep 2011	2149193	PROCESS FOR REFURBISHING AN ELECTRICAL DEVICE COMPONENT COMPRISING A LAMINATE ELECTRICAL INSULATION PART AND ELECTRICAL DEVICE COMPONENT COMPRISING SAID PART
HT4470-FR-EPT	France	Euro-PCT Application	15 May 2008	08767703.5	21 Sep 2011	2149193	PROCESS FOR REFURBISHING AN ELECTRICAL DEVICE COMPONENT COMPRISING A LAMINATE ELECTRICAL INSULATION PART AND ELECTRICAL DEVICE COMPONENT COMPRISING SAID PART
HT4470-GB-EPT	United Kingdom	Euro-PCT Application	15 May 2008	08767703.5	21 Sep 2011	2149193	PROCESS FOR REFURBISHING AN ELECTRICAL DEVICE COMPONENT COMPRISING A LAMINATE ELECTRICAL INSULATION PART AND ELECTRICAL DEVICE COMPONENT COMPRISING SAID PART

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4470-IT-EPT	Italy	Euro-PCT Application	15 May 2008	08767703.5	21 Sep 2011	2149193	PROCESS FOR REFURBISHING AN ELECTRICAL DEVICE COMPONENT COMPRISING A LAMINATE ELECTRICAL INSULATION PART AND ELECTRICAL DEVICE COMPONENT COMPRISING SAID PART
HT4470-JP-PCT	Japan	PCT Application	15 May 2008	508424/10	31 May 2013	5279823	PROCESS FOR REFURBISHING AN ELECTRICAL DEVICE COMPONENT COMPRISING A LAMINATE ELECTRICAL INSULATION PART AND ELECTRICAL DEVICE COMPONENT COMPRISING SAID PART
HT4470-KR-PCT	South Korea / Republic of Korea	PCT Application	15 May 2008	10-2009-7023804	22 Jul 2014	1424313	PROCESS FOR REFURBISHING AN ELECTRICAL DEVICE COMPONENT COMPRISING A LAMINATE ELECTRICAL INSULATION PART AND ELECTRICAL DEVICE COMPONENT COMPRISING SAID PART
HT4470-MX-PCT	Mexico	PCT Application	15 May 2008	MX/A/2009/012339	16 Dec 2010	282199	PROCESS FOR REFURBISHING AN ELECTRICAL DEVICE COMPONENT COMPRISING A LAMINATE ELECTRICAL INSULATION PART AND ELECTRICAL DEVICE COMPONENT COMPRISING SAID PART

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4475-CA-PCT	Canada	PCT Application	22 Aug 2008	2693170	27 Oct 2015	2,693,170	FLAME RESISTANT SPUN STAPLE YARNS MADE FROM BLENDS OF FIBERS DERIVED FROM DIAMINO DIPHENYL SULFONE AND TEXTILE FIBERS AND FABRICS AND GARMENTS MADE THEREFROM AND METHODS FOR MAKING SAME
HT4475-DE-EPT	Germany	Euro-PCT Application	22 Aug 2008	08798425.8	27 Apr 2011	602008006563.4	FLAME RESISTANT SPUN STAPLE YARNS MADE FROM BLENDS OF FIBERS DERIVED FROM DIAMINO DIPHENYL SULFONE AND TEXTILE FIBERS AND FABRICS AND GARMENTS MADE THEREFROM AND METHODS FOR MAKING SAME
HT4475-EP-EPT	European Procedure (Patents)	Euro-PCT Application	22 Aug 2008	08798425.8	27 Apr 2011	2181207	FLAME RESISTANT SPUN STAPLE YARNS MADE FROM BLENDS OF FIBERS DERIVED FROM DIAMINO DIPHENYL SULFONE AND TEXTILE FIBERS AND FABRICS AND GARMENTS MADE THEREFROM AND METHODS FOR MAKING SAME
HT4475-FR-EPT	France	Euro-PCT Application	22 Aug 2008	08798425.8	27 Apr 2011	2181207	FLAME RESISTANT SPUN STAPLE YARNS MADE FROM BLENDS OF FIBERS DERIVED FROM DIAMINO DIPHENYL SULFONE AND TEXTILE FIBERS AND FABRICS AND GARMENTS MADE THEREFROM AND METHODS FOR MAKING SAME

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4475-GB-EPT	United Kingdom	Euro-PCT Application	22 Aug 2008	08798425.8	27 Apr 2011	2181207	FLAME RESISTANT SPUN STAPLE YARNS MADE FROM BLENDS OF FIBERS DERIVED FROM DIAMINO DIPHENYL SULFONE AND TEXTILE FIBERS AND FABRICS AND GARMENTS MADE THEREFROM AND METHODS FOR MAKING SAME
HT4475-JP-PCT	Japan	PCT Application	22 Aug 2008	622053/10	02 Aug 2013	5330389	FLAME RESISTANT SPUN STAPLE YARNS MADE FROM BLENDS OF FIBERS DERIVED FROM DIAMINO DIPHENYL SULFONE AND TEXTILE FIBERS AND FABRICS AND GARMENTS MADE THEREFROM AND METHODS FOR MAKING SAME
HT4475-KR-PCT	South Korea / Republic of Korea	PCT Application	22 Aug 2008	2010-7006025	11 Dec 2014	1474047	FLAME RESISTANT SPUN STAPLE YARNS MADE FROM BLENDS OF FIBERS DERIVED FROM DIAMINO DIPHENYL SULFONE AND TEXTILE FIBERS AND FABRICS AND GARMENTS MADE THEREFROM AND METHODS FOR MAKING SAME
HT4475-US-NP	United States Of America	National Patent	22 Aug 2007	11/894907	20 Apr 2010	7700190	FLAME RESISTANT SPUN STAPLE YARNS MADE FROM BLENDS OF FIBERS DERIVED FROM DIAMINO DIPHENYL SULFONE AND TEXTILE FIBERS AND FABRICS AND GARMENTS MADE THEREFROM AND METHODS FOR MAKING SAME

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4480-CA-PCT	Canada	PCT Application	22 Aug 2008	2693327	07 Jul 2015	2693327	FLAME RESISTANT SPUN STAPLE YARNS MADE FROM BLENDS OF FIBERS DERIVED FROM DIAMINO DIPHENYL SULFONE, LOW THERMAL SHRINKAGE FIBERS, FLAME RESISTANT FIBERS, AND ANTITSTATIC FIBERS AND FABRICS AND GARMENTS MADE THEREFROM AND METHODS FOR MAKING SAME
HT4480-DE-EPT	Germany	Euro-PCT Application	22 Aug 2008	08798426.6	03 Aug 2011	2181208	FLAME RESISTANT SPUN STAPLE YARNS MADE FROM BLENDS OF FIBERS DERIVED FROM DIAMINO DIPHENYL SULFONE, LOW THERMAL SHRINKAGE FIBERS, FLAME RESISTANT FIBERS, AND ANTITSTATIC FIBERS AND FABRICS AND GARMENTS MADE THEREFROM AND METHODS FOR MAKING SAME

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4480-EP-EPT	European Procedure (Patents)	Euro-PCT Application	22 Aug 2008	08798426.6	03 Aug 2011	2181208	FLAME RESISTANT SPUN STAPLE YARNS MADE FROM BLENDS OF FIBERS DERIVED FROM DIAMINO DIPHENYL SULFONE, LOW THERMAL SHRINKAGE FIBERS, FLAME RESISTANT FIBERS, AND ANTITSTATIC FIBERS AND FABRICS AND GARMENTS MADE THEREFROM AND METHODS FOR MAKING SAME
HT4480-FR-EPT	France	Euro-PCT Application	22 Aug 2008	08798426.6	03 Aug 2011	2181208	FLAME RESISTANT SPUN STAPLE YARNS MADE FROM BLENDS OF FIBERS DERIVED FROM DIAMINO DIPHENYL SULFONE, LOW THERMAL SHRINKAGE FIBERS, FLAME RESISTANT FIBERS, AND ANTITSTATIC FIBERS AND FABRICS AND GARMENTS MADE THEREFROM AND METHODS FOR MAKING SAME

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4480-GB-EPT	United Kingdom	Euro-PCT Application	22 Aug 2008	08798426.6	03 Aug 2011	2181208	FLAME RESISTANT SPUN STAPLE YARNS MADE FROM BLENDS OF FIBERS DERIVED FROM DIAMINO DIPHENYL SULFONE, LOW THERMAL SHRINKAGE FIBERS, FLAME RESISTANT FIBERS, AND ANTITSTATIC FIBERS AND FABRICS AND GARMENTS MADE THEREFROM AND METHODS FOR MAKING SAME
HT4480-JP-PCT	Japan	PCT Application	22 Aug 2008	522054/10	02 Nov 2012	5124022	FLAME RESISTANT SPUN STAPLE YARNS MADE FROM BLENDS OF FIBERS DERIVED FROM DIAMINO DIPHENYL SULFONE, LOW THERMAL SHRINKAGE FIBERS, FLAME RESISTANT FIBERS, AND ANTITSTATIC FIBERS AND FABRICS AND GARMENTS MADE THEREFROM AND METHODS FOR MAKING SAME

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4480-KR-PCT	South Korea / Republic of Korea	PCT Application	22 Aug 2008	10-2010-7006026	18 Dec 2014	10-1476482	FLAME RESISTANT SPUN STAPLE YARNS MADE FROM BLENDS OF FIBERS DERIVED FROM DIAMINO DIPHENYL SULFONE, LOW THERMAL SHRINKAGE FIBERS, FLAME RESISTANT FIBERS, AND ANTITSTATIC FIBERS AND FABRICS AND GARMENTS MADE THEREFROM AND METHODS FOR MAKING SAME
HT4480-US-CNT	United States Of America	Continuation	03 Apr 2009	12/417827	06 Jul 2010	7749601	FLAME RESISTANT SPUN STAPLE YARNS MADE FROM BLENDS OF FIBERS DERIVED FROM DIAMINO DIPHENYL SULFONE, LOW THERMAL SHRINKAGE FIBERS, FLAME RESISTANT FIBERS, AND ANTITSTATIC FIBERS AND FABRICS AND GARMENTS MADE THEREFROM AND METHODS FOR MAKING SAME

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4480-US-NP	United States Of America	National Patent	22 Aug 2007	11/894944	26 May 2009	7537830	FLAME RESISTANT SPUN STAPLE YARNS MADE FROM BLENDS OF FIBERS DERIVED FROM DIAMINO DIPHENYL SULFONE, LOW THERMAL SHRINKAGE FIBERS, FLAME RESISTANT FIBERS, AND ANTITSTATIC FIBERS AND FABRICS AND GARMENTS MADE THEREFROM AND METHODS FOR MAKING SAME
HT4485-CA-PCT	Canada	PCT Application	22 Aug 2008	2694361	01 Dec 2015	2694361	FLAME RESISTANT SPUN STAPLE YARNS MADE FROM BLENDS OF FIBERS DERIVED FROM DIAMINO DIPHENYL SULFONE AND MODACRYLIC FIBERS AND FABRICS AND GARMENTS MADE THEREFROM AND METHODS FOR MAKING SAME
HT4485-DE-EPT	Germany	Euro-PCT Application	22 Aug 2008	08798427.4	20 Apr 2011	60200800 6420.4	FLAME RESISTANT SPUN STAPLE YARNS MADE FROM BLENDS OF FIBERS DERIVED FROM DIAMINO DIPHENYL SULFONE AND MODACRYLIC FIBERS AND FABRICS AND GARMENTS MADE THEREFROM AND METHODS FOR MAKING SAME

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4485-EP-EPT	European Procedure (Patents)	Euro-PCT Application	22 Aug 2008	08798427.4	20 Apr 2011	2181209	FLAME RESISTANT SPUN STAPLE YARNS MADE FROM BLENDS OF FIBERS DERIVED FROM DIAMINO DIPHENYL SULFONE AND MODACRYLIC FIBERS AND FABRICS AND GARMENTS MADE THEREFROM AND METHODS FOR MAKING SAME
HT4485-FR-EPT	France	Euro-PCT Application	22 Aug 2008	08798427.4	20 Apr 2011	2181209	FLAME RESISTANT SPUN STAPLE YARNS MADE FROM BLENDS OF FIBERS DERIVED FROM DIAMINO DIPHENYL SULFONE AND MODACRYLIC FIBERS AND FABRICS AND GARMENTS MADE THEREFROM AND METHODS FOR MAKING SAME
HT4485-GB-EPT	United Kingdom	Euro-PCT Application	22 Aug 2008	08798427.4	20 Apr 2011	2181209	FLAME RESISTANT SPUN STAPLE YARNS MADE FROM BLENDS OF FIBERS DERIVED FROM DIAMINO DIPHENYL SULFONE AND MODACRYLIC FIBERS AND FABRICS AND GARMENTS MADE THEREFROM AND METHODS FOR MAKING SAME

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4485-JP-PCT	Japan	PCT Application	22 Aug 2008	522055/10	02 Aug 2013	5330390	FLAME RESISTANT SPUN STAPLE YARNS MADE FROM BLENDS OF FIBERS DERIVED FROM DIAMINO DIPHENYL SULFONE AND MODACRYLIC FIBERS AND FABRICS AND GARMENTS MADE THEREFROM AND METHODS FOR MAKING SAME
HT4485-KR-PCT	South Korea / Republic of Korea	PCT Application	22 Aug 2008	10-2010-7006027	19 Dec 2014	1476874	FLAME RESISTANT SPUN STAPLE YARNS MADE FROM BLENDS OF FIBERS DERIVED FROM DIAMINO DIPHENYL SULFONE AND MODACRYLIC FIBERS AND FABRICS AND GARMENTS MADE THEREFROM AND METHODS FOR MAKING SAME
HT4485-US-NP	United States Of America	National Patent	22 Aug 2007	11/894953	26 May 2009	7537831	FLAME RESISTANT SPUN STAPLE YARNS MADE FROM BLENDS OF FIBERS DERIVED FROM DIAMINO DIPHENYL SULFONE AND MODACRYLIC FIBERS AND FABRICS AND GARMENTS MADE THEREFROM AND METHODS FOR MAKING SAME

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4495-DE-EPT	Germany	Euro-PCT Application	22 Aug 2008	08798446.4	01 Dec 2010	602008003840.8	FIBERS COMPRISING COPOLYMERS CONTAINING STRUCTURES DERIVED FROM 4,4' DIAMINO DIPHENYL SULFONE AND A PLURALITY OF ACID MONOMERS AND METHODS OF MAKING SAME
HT4495-EP-EPT	European Procedure (Patents)	Euro-PCT Application	22 Aug 2008	08798446.4	01 Dec 2010	2181210	FIBERS COMPRISING COPOLYMERS CONTAINING STRUCTURES DERIVED FROM 4,4' DIAMINO DIPHENYL SULFONE AND A PLURALITY OF ACID MONOMERS AND METHODS OF MAKING SAME
HT4495-FR-EPT	France	Euro-PCT Application	22 Aug 2008	08798446.4	01 Dec 2010	2181210	FIBERS COMPRISING COPOLYMERS CONTAINING STRUCTURES DERIVED FROM 4,4' DIAMINO DIPHENYL SULFONE AND A PLURALITY OF ACID MONOMERS AND METHODS OF MAKING SAME

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4495-GB-EPT	United Kingdom	Euro-PCT Application	22 Aug 2008	08798446.4	01 Dec 2010	2181210	FIBERS COMPRISING COPOLYMERS CONTAINING STRUCTURES DERIVED FROM 4,4' DIAMINO DIPHENYL SULFONE AND A PLURALITY OF ACID MONOMERS AND METHODS OF MAKING SAME
HT4495-JP-PCT	Japan	PCT Application	22 Aug 2008	522060/10	07 Dec 2012	5149965	FIBERS COMPRISING COPOLYMERS CONTAINING STRUCTURES DERIVED FROM 4,4' DIAMINO DIPHENYL SULFONE AND A PLURALITY OF ACID MONOMERS AND METHODS OF MAKING SAME
HT4495-KR-PCT	South Korea / Republic of Korea	PCT Application	22 Aug 2008	10-2010-7006063	19 Dec 2014	1476875	FIBERS COMPRISING COPOLYMERS CONTAINING STRUCTURES DERIVED FROM 4,4' DIAMINO DIPHENYL SULFONE AND A PLURALITY OF ACID MONOMERS AND METHODS OF MAKING SAME

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4495-US-CIP	United States Of America	Continuation-in-Part	22 Aug 2008	12/229414	13 Mar 2012	8133827	FIBERS COMPRISING COPOLYMERS CONTAINING STRUCTURES DERIVED FROM 4,4' DIAMINO DIPHENYL SULFONE AND A PLURALITY OF ACID MONOMERS AND METHODS OF MAKING SAME
HT4496-DE-EPT	Germany	Euro-PCT Application	22 Aug 2008	08798447.2	18 Apr 2012	602008014994.3	FIBERS COMPRISING COPOLYMERS CONTAINING STRUCTURES DERIVED FROM A PLURALITY OF AMINE MONOMERS INCLUDING 4,4" DIAMINO DIPHENYL SULFONE AND METHODS FOR MAKING SAME
HT4496-EP-EPT	European Procedure (Patents)	Euro-PCT Application	22 Aug 2008	08798447.2	18 Apr 2012	2181211	FIBERS COMPRISING COPOLYMERS CONTAINING STRUCTURES DERIVED FROM A PLURALITY OF AMINE MONOMERS INCLUDING 4,4" DIAMINO DIPHENYL SULFONE AND METHODS FOR MAKING SAME
HT4496-FR-EPT	France	Euro-PCT Application	22 Aug 2008	08798447.2	18 Apr 2012	2181211	FIBERS COMPRISING COPOLYMERS CONTAINING STRUCTURES DERIVED FROM A PLURALITY OF AMINE MONOMERS INCLUDING 4,4" DIAMINO DIPHENYL SULFONE AND METHODS FOR MAKING SAME

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4496-GB-EPT	United Kingdom	Euro-PCT Application	22 Aug 2008	08798447.2	18 Apr 2012	2181211	FIBERS COMPRISING COPOLYMERS CONTAINING STRUCTURES DERIVED FROM A PLURALITY OF AMINE MONOMERS INCLUDING 4,4" DIAMINO DIPHENYL SULFONE AND METHODS FOR MAKING SAME
HT4496-JP-PCT	Japan	PCT Application	22 Aug 2008	522061/10	07 Dec 2012	5149966	FIBERS COMPRISING COPOLYMERS CONTAINING STRUCTURES DERIVED FROM A PLURALITY OF AMINE MONOMERS INCLUDING 4,4" DIAMINO DIPHENYL SULFONE AND METHODS FOR MAKING SAME
HT4496-KR-PCT	South Korea / Republic of Korea	PCT Application	22 Aug 2008	10-2010-7006066	18 Jun 2015	10-1531432	FIBERS COMPRISING COPOLYMERS CONTAINING STRUCTURES DERIVED FROM A PLURALITY OF AMINE MONOMERS INCLUDING 4,4" DIAMINO DIPHENYL SULFONE AND METHODS FOR MAKING SAME
HT4496-US-CIP	United States Of America	Continuation-in-Part	22 Aug 2008	12/229419	07 Jun 2011	7955692	FIBERS COMPRISING COPOLYMERS CONTAINING STRUCTURES DERIVED FROM A PLURALITY OF AMINE MONOMERS INCLUDING 4,4" DIAMINO DIPHENYL SULFONE AND METHODS FOR MAKING SAME

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4497-CA-PCT	Canada	PCT Application	22 Aug 2008	2694588	16 Feb 2016	2694588	FIBERS COMPRISING COPOLYMERS CONTAINING STRUCTURE DERIVED FROM A PLURALITY OF AMINE MONOMERS INCLUDING 3,3' DIAMINO DIPHENYL SULFONE AND METHOD FOR MAKING SAME
HT4497-DE-EPT	Germany	Euro-PCT Application	22 Aug 2008	08798455.5	23 Nov 2011	602008011586.0	FIBERS COMPRISING COPOLYMERS CONTAINING STRUCTURE DERIVED FROM A PLURALITY OF AMINE MONOMERS INCLUDING 3,3' DIAMINO DIPHENYL SULFONE AND METHOD FOR MAKING SAME
HT4497-EP-EPT	European Procedure (Patents)	Euro-PCT Application	22 Aug 2008	08798455.5	23 Nov 2011	2181212	FIBERS COMPRISING COPOLYMERS CONTAINING STRUCTURE DERIVED FROM A PLURALITY OF AMINE MONOMERS INCLUDING 3,3' DIAMINO DIPHENYL SULFONE AND METHOD FOR MAKING SAME

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4497-FR-EPT	France	Euro-PCT Application	22 Aug 2008	08798455.5	23 Nov 2011	2181212	FIBERS COMPRISING COPOLYMERS CONTAINING STRUCTURE DERIVED FROM A PLURALITY OF AMINE MONOMERS INCLUDING 3,3' DIAMINO DIPHENYL SULFONE AND METHOD FOR MAKING SAME
HT4500-CA-PCT	Canada	PCT Application	22 Aug 2008	2693324	30 Jun 2015	2693324	FILTER FELTS AND BAG FILTERS COMPRISING BLENDS OF FIBERS DERIVED FROM DIAMINO DIPHENYL SULFONE AND HEAT RESISTANT FIBERS
HT4500-CN-PCT	China	PCT Application	22 Aug 2008	2008801037 51.9	13 Apr 2016	20088010 3751.9	FILTER FELTS AND BAG FILTERS COMPRISING BLENDS OF FIBERS DERIVED FROM DIAMINO DIPHENYL SULFONE AND HEAT RESISTANT FIBERS
HT4500-DE-EPT	Germany	Euro-PCT Application	22 Aug 2008	08798423.3	29 Jun 2011	60200800 7968.6	FILTER FELTS AND BAG FILTERS COMPRISING BLENDS OF FIBERS DERIVED FROM DIAMINO DIPHENYL SULFONE AND HEAT RESISTANT FIBERS
HT4500-EP-EPT	European Procedure (Patents)	Euro-PCT Application	22 Aug 2008	08798423.3	29 Jun 2011	2185265	FILTER FELTS AND BAG FILTERS COMPRISING BLENDS OF FIBERS DERIVED FROM DIAMINO DIPHENYL SULFONE AND HEAT RESISTANT FIBERS

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4500-FR-EPT	France	Euro-PCT Application	22 Aug 2008	08798423.3	29 Jun 2011	2185265	FILTER FELTS AND BAG FILTERS COMPRISING BLENDS OF FIBERS DERIVED FROM DIAMINO DIPHENYL SULFONE AND HEAT RESISTANT FIBERS
HT4500-GB-EPT	United Kingdom	Euro-PCT Application	22 Aug 2008	08798423.3	29 Jun 2011	2185265	FILTER FELTS AND BAG FILTERS COMPRISING BLENDS OF FIBERS DERIVED FROM DIAMINO DIPHENYL SULFONE AND HEAT RESISTANT FIBERS
HT4500-JP-PCT	Japan	PCT Application	22 Aug 2008	522051/10	15 Feb 2013	5200107	FILTER FELTS AND BAG FILTERS COMPRISING BLENDS OF FIBERS DERIVED FROM DIAMINO DIPHENYL SULFONE AND HEAT RESISTANT FIBERS
HT4500-KR-PCT	South Korea / Republic of Korea	PCT Application	22 Aug 2008	10-2010-7006112	20 Oct 2015	10-1563374	FILTER FELTS AND BAG FILTERS COMPRISING BLENDS OF FIBERS DERIVED FROM DIAMINO DIPHENYL SULFONE AND HEAT RESISTANT FIBERS
HT4500-US-NP	United States Of America	National Patent	22 Aug 2007	11/894976	26 Oct 2010	7819936	FILTER FELTS AND BAG FILTERS COMPRISING BLENDS OF FIBERS DERIVED FROM DIAMINO DIPHENYL SULFONE AND HEAT RESISTANT FIBERS

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4505-CN-PCT	China	PCT Application	22 Aug 2008	200880103753.8	21 Mar 2012	200880103753.8	FLAME RESISTANT SPUN STAPLE YARNS MADE FROM BLENDS OF FIBERS DERIVED FROM DIAMINO DIPHENYL SULFONE AND POLYOXADIAZOLE FIBERS AND FABRICS AND GARMENTS MADE THEREFROM AND METHODS FOR MAKING SAME
HT4505-DE-EPT	Germany	Euro-PCT Application	22 Aug 2008	08798428.2	27 Apr 2011	60200806571.5	FLAME RESISTANT SPUN STAPLE YARNS MADE FROM BLENDS OF FIBERS DERIVED FROM DIAMINO DIPHENYL SULFONE AND POLYOXADIAZOLE FIBERS AND FABRICS AND GARMENTS MADE THEREFROM AND METHODS FOR MAKING SAME
HT4505-EP-EPT	European Procedure (Patents)	Euro-PCT Application	22 Aug 2008	08798428.2	27 Apr 2011	2191052	FLAME RESISTANT SPUN STAPLE YARNS MADE FROM BLENDS OF FIBERS DERIVED FROM DIAMINO DIPHENYL SULFONE AND POLYOXADIAZOLE FIBERS AND FABRICS AND GARMENTS MADE THEREFROM AND METHODS FOR MAKING SAME

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4505-FR-EPT	France	Euro-PCT Application	22 Aug 2008	08798428.2	27 Apr 2011	2191052	FLAME RESISTANT SPUN STAPLE YARNS MADE FROM BLENDS OF FIBERS DERIVED FROM DIAMINO DIPHENYL SULFONE AND POLYOXADIAZOLE FIBERS AND FABRICS AND GARMENTS MADE THEREFROM AND METHODS FOR MAKING SAME
HT4505-GB-EPT	United Kingdom	Euro-PCT Application	22 Aug 2008	08798428.2	27 Apr 2011	2191052	FLAME RESISTANT SPUN STAPLE YARNS MADE FROM BLENDS OF FIBERS DERIVED FROM DIAMINO DIPHENYL SULFONE AND POLYOXADIAZOLE FIBERS AND FABRICS AND GARMENTS MADE THEREFROM AND METHODS FOR MAKING SAME
HT4505-KR-PCT	South Korea / Republic of Korea	PCT Application	22 Aug 2008	2010-7006035	10 Dec 2014	1473509	FLAME RESISTANT SPUN STAPLE YARNS MADE FROM BLENDS OF FIBERS DERIVED FROM DIAMINO DIPHENYL SULFONE AND POLYOXADIAZOLE FIBERS AND FABRICS AND GARMENTS MADE THEREFROM AND METHODS FOR MAKING SAME

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4505-US-NP	United States Of America	National Patent	22 Aug 2007	11/894940	17 Nov 2009	7618707	FLAME RESISTANT SPUN STAPLE YARNS MADE FROM BLENDS OF FIBERS DERIVED FROM DIAMINO DIPHENYL SULFONE AND POLYOXADIAZOLE FIBERS AND FABRICS AND GARMENTS MADE THEREFROM AND METHODS FOR MAKING SAME
HT4510-CA-PCT	Canada	PCT Application	22 Aug 2008	2706724	24 Feb 2015	2706724	FLAME RESISTANT SPUN STAPLE YARNS MADE FROM BLENDS OF FIBERS DERIVED FROM DIAMINO DIPHENYL SULFONE AND HIGH MODULUS FIBERS AND FABRICS AND GARMENTS MADE THEREFROM AND METHODS FOR MAKING SAME
HT4510-DE-EPT	Germany	Euro-PCT Application	22 Aug 2008	08798422.5	23 Mar 2011	60200800 5787.9	FLAME RESISTANT SPUN STAPLE YARNS MADE FROM BLENDS OF FIBERS DERIVED FROM DIAMINO DIPHENYL SULFONE AND HIGH MODULUS FIBERS AND FABRICS AND GARMENTS MADE THEREFROM AND METHODS FOR MAKING SAME

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4510-EP-EPT	European Procedure (Patents)	Euro-PCT Application	22 Aug 2008	08798422.5	23 Mar 2011	2205782	FLAME RESISTANT SPUN STAPLE YARNS MADE FROM BLENDS OF FIBERS DERIVED FROM DIAMINO DIPHENYL SULFONE AND HIGH MODULUS FIBERS AND FABRICS AND GARMENTS MADE THEREFROM AND METHODS FOR MAKING SAME
HT4510-FR-EPT	France	Euro-PCT Application	22 Aug 2008	08798422.5	23 Mar 2011	2205782	FLAME RESISTANT SPUN STAPLE YARNS MADE FROM BLENDS OF FIBERS DERIVED FROM DIAMINO DIPHENYL SULFONE AND HIGH MODULUS FIBERS AND FABRICS AND GARMENTS MADE THEREFROM AND METHODS FOR MAKING SAME
HT4510-GB-EPT	United Kingdom	Euro-PCT Application	22 Aug 2008	08798422.5	23 Mar 2011	2205782	FLAME RESISTANT SPUN STAPLE YARNS MADE FROM BLENDS OF FIBERS DERIVED FROM DIAMINO DIPHENYL SULFONE AND HIGH MODULUS FIBERS AND FABRICS AND GARMENTS MADE THEREFROM AND METHODS FOR MAKING SAME

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4510-JP-PCT	Japan	PCT Application	22 Aug 2008	522050/10	25 Jan 2013	5186000	FLAME RESISTANT SPUN STAPLE YARNS MADE FROM BLENDS OF FIBERS DERIVED FROM DIAMINO DIPHENYL SULFONE AND HIGH MODULUS FIBERS AND FABRICS AND GARMENTS MADE THEREFROM AND METHODS FOR MAKING SAME
HT4510-KR-PCT	South Korea / Republic of Korea	PCT Application	22 Aug 2008	10-2010-7006054	18 Dec 2014	10-1476483	FLAME RESISTANT SPUN STAPLE YARNS MADE FROM BLENDS OF FIBERS DERIVED FROM DIAMINO DIPHENYL SULFONE AND HIGH MODULUS FIBERS AND FABRICS AND GARMENTS MADE THEREFROM AND METHODS FOR MAKING SAME
HT4510-US-NP	United States Of America	National Patent	22 Aug 2007	11/894912	20 Apr 2010	7700191	FLAME RESISTANT SPUN STAPLE YARNS MADE FROM BLENDS OF FIBERS DERIVED FROM DIAMINO DIPHENYL SULFONE AND HIGH MODULUS FIBERS AND FABRICS AND GARMENTS MADE THEREFROM AND METHODS FOR MAKING SAME

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4511-CA-PCT	Canada	PCT Application	22 Aug 2008	2695224	29 Dec 2015	2,695,224	SPUN STAPLE YARNS MADE FROM BLENDS OF RIGID-ROD FIBERS AND FIBERS DERIVED FROM DIAMINO DIPHENYL SULFONE AND FABRICS AND GARMENTS MADE THEREFROM AND METHODS FOR MAKING SAME
HT4511-CN-PCT	China	PCT Application	22 Aug 2008	200880103993.8	18 Jul 2012	200880103993.8	SPUN STAPLE YARNS MADE FROM BLENDS OF RIGID-ROD FIBERS AND FIBERS DERIVED FROM DIAMINO DIPHENYL SULFONE AND FABRICS AND GARMENTS MADE THEREFROM AND METHODS FOR MAKING SAME
HT4511-DE-EPT	Germany	Euro-PCT Application	22 Aug 2008	08798424.1	30 Mar 2011	602008005897.2	SPUN STAPLE YARNS MADE FROM BLENDS OF RIGID-ROD FIBERS AND FIBERS DERIVED FROM DIAMINO DIPHENYL SULFONE AND FABRICS AND GARMENTS MADE THEREFROM AND METHODS FOR MAKING SAME
HT4511-EP-EPT	European Procedure (Patents)	Euro-PCT Application	22 Aug 2008	08798424.1	30 Mar 2011	2179083	SPUN STAPLE YARNS MADE FROM BLENDS OF RIGID-ROD FIBERS AND FIBERS DERIVED FROM DIAMINO DIPHENYL SULFONE AND FABRICS AND GARMENTS MADE THEREFROM AND METHODS FOR MAKING SAME

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4511-FR-EPT	France	Euro-PCT Application	22 Aug 2008	08798424.1	30 Mar 2011	2179083	SPUN STAPLE YARNS MADE FROM BLENDS OF RIGID-ROD FIBERS AND FIBERS DERIVED FROM DIAMINO DIPHENYL SULFONE AND FABRICS AND GARMENTS MADE THEREFROM AND METHODS FOR MAKING SAME
HT4511-GB-EPT	United Kingdom	Euro-PCT Application	22 Aug 2008	08798424.1	30 Mar 2011	2179083	SPUN STAPLE YARNS MADE FROM BLENDS OF RIGID-ROD FIBERS AND FIBERS DERIVED FROM DIAMINO DIPHENYL SULFONE AND FABRICS AND GARMENTS MADE THEREFROM AND METHODS FOR MAKING SAME
HT4511-JP-PCT	Japan	PCT Application	22 Aug 2008	522052/10	25 Jan 2013	5186001	SPUN STAPLE YARNS MADE FROM BLENDS OF RIGID-ROD FIBERS AND FIBERS DERIVED FROM DIAMINO DIPHENYL SULFONE AND FABRICS AND GARMENTS MADE THEREFROM AND METHODS FOR MAKING SAME
HT4511-KR-PCT	South Korea / Republic of Korea	PCT Application	22 Aug 2008	2010-7006099	11 Dec 2014	1474048	SPUN STAPLE YARNS MADE FROM BLENDS OF RIGID-ROD FIBERS AND FIBERS DERIVED FROM DIAMINO DIPHENYL SULFONE AND FABRICS AND GARMENTS MADE THEREFROM AND METHODS FOR MAKING SAME

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4511-US-NP	United States Of America	National Patent	22 Aug 2007	11/894909	01 May 2012	8166743	SPUN STAPLE YARNS MADE FROM BLENDS OF RIGID-ROD FIBERS AND FIBERS DERIVED FROM DIAMINO DIPHENYL SULFONE AND FABRICS AND GARMENTS MADE THEREFROM AND METHODS FOR MAKING SAME
HT4565-BR-PCT	Brazil	PCT Application	18 Dec 2008	PI0819576.5			HIGH-SPEED META-ARAMID FIBER PRODUCTION
HT4565-CN-PCT	China	PCT Application	18 Dec 2008	200880121658.0	21 Mar 2012	200880121658.0	HIGH-SPEED META-ARAMID FIBER PRODUCTION
HT4565-DE-EPT	Germany	Euro-PCT Application	18 Dec 2008	08862329.3	09 Nov 2011	602008011329.9	HIGH-SPEED META-ARAMID FIBER PRODUCTION
HT4565-EP-EPT	European Procedure (Patents)	Euro-PCT Application	18 Dec 2008	08862329.3	09 Nov 2011	2231905	HIGH-SPEED META-ARAMID FIBER PRODUCTION
HT4565-IT-EPT	Italy	Euro-PCT Application	18 Dec 2008	08862329.3	09 Nov 2011	2231905	HIGH-SPEED META-ARAMID FIBER PRODUCTION
HT4565-JP-PCT	Japan	PCT Application	18 Dec 2008	539764/10	25 Jan 2013	5186008	HIGH-SPEED META-ARAMID FIBER PRODUCTION
HT4565-KR-PCT	South Korea / Republic of Korea	PCT Application	18 Dec 2008	10-2010-7015667	14 Oct 2015	10-1562075	HIGH-SPEED META-ARAMID FIBER PRODUCTION
HT4565-NL-EPT	Netherlands	Euro-PCT Application	18 Dec 2008	08862329.3	09 Nov 2011	2231905	HIGH-SPEED META-ARAMID FIBER PRODUCTION
HT4565-US-NP	United States Of America	National Patent	19 Dec 2007	12/004331	10 Aug 2010	7771637	HIGH-SPEED META-ARAMID FIBER PRODUCTION
HT4575-BR-PCT	Brazil	PCT Application	18 Dec 2008	PI0822647.4	12 Jun 2018	PI0822647-4	LOW SHRINKAGE DYEABLE MPD-I YARN

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4575-CN-PCT	China	PCT Application	18 Dec 2008	200880121659.5	21 Mar 2012	200880121659.5	LOW SHRINKAGE DYEABLE MPD-I YARN
HT4575-DE-EPT	Germany	Euro-PCT Application	18 Dec 2008	08863119.7	26 Oct 2011	602008010966.6	LOW SHRINKAGE DYEABLE MPD-I YARN
HT4575-EP-EPT	European Procedure (Patents)	Euro-PCT Application	18 Dec 2008	08863119.7	26 Oct 2011	2222904	LOW SHRINKAGE DYEABLE MPD-I YARN
HT4575-IT-EPT	Italy	Euro-PCT Application	18 Dec 2008	08863119.7	26 Oct 2011	2222904	LOW SHRINKAGE DYEABLE MPD-I YARN
HT4575-JP-PCT	Japan	PCT Application	18 Dec 2008	539778/10	05 Jul 2013	5307832	LOW SHRINKAGE DYEABLE MPD-I YARN
HT4575-KR-PCT	South Korea / Republic of Korea	PCT Application	18 Dec 2008	10-2010-7015669	08 Jul 2015	10-1536793	LOW SHRINKAGE DYEABLE MPD-I YARN
HT4575-NL-EPT	Netherlands	Euro-PCT Application	18 Dec 2008	08863119.7	26 Oct 2011	2222904	LOW SHRINKAGE DYEABLE MPD-I YARN
HT4575-US-CNT	United States Of America	Continuation	29 Jun 2011	13/171603	14 Jul 2015	9080260	LOW SHRINKAGE DYEABLE MPD-I YARN
HT4575-US-NP	United States Of America	National Patent	19 Dec 2007	12/004332	16 Aug 2011	7998575	LOW SHRINKAGE DYEABLE MPD-I YARN
HT4580-BR-PCT	Brazil	PCT Application	18 Dec 2008	PI0819554.4			SINGLE STAGE DRAWING FOR MPD-I YARNS
HT4580-CN-PCT	China	PCT Application	18 Dec 2008	200880121350.6	12 Dec 2012	200880121350.6	SINGLE STAGE DRAWING FOR MPD-I YARNS
HT4580-DE-EPT	Germany	Euro-PCT Application	18 Dec 2008	08867787.7	04 Sep 2013	602008027396.2	SINGLE STAGE DRAWING FOR MPD-I YARNS
HT4580-EP-EPT	European Procedure (Patents)	Euro-PCT Application	18 Dec 2008	08867787.7	04 Sep 2013	2235242	SINGLE STAGE DRAWING FOR MPD-I YARNS

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4580-IT-EPT	Italy	Euro-PCT Application	18 Dec 2008	08867787.7	04 Sep 2013	2235242	SINGLE STAGE DRAWING FOR MPD-I YARNS
HT4580-JP-PCT	Japan	PCT Application	18 Dec 2008	539779/10	22 Mar 2013	5227421	SINGLE STAGE DRAWING FOR MPD-I YARNS
HT4580-KR-PCT	South Korea / Republic of Korea	PCT Application	18 Dec 2008	10-2010-7015713	14 Oct 2015	10-1562076	SINGLE STAGE DRAWING FOR MPD-I YARNS
HT4580-NL-EPT	Netherlands	Euro-PCT Application	18 Dec 2008	08867787.7	04 Sep 2013	2235242	SINGLE STAGE DRAWING FOR MPD-I YARNS
HT4580-US-NP	United States Of America	National Patent	19 Dec 2007	12/004142	10 Aug 2010	7771636	SINGLE STAGE DRAWING FOR MPD-I YARNS
HT4585-BR-PCT	Brazil	PCT Application	18 Dec 2008	PI0819391.6			RAPID PLASTICIZATION OF QUENCHED YARNS
HT4585-CN-PCT	China	PCT Application	18 Dec 2008	200880121444.3	11 Jan 2012	200880121444.3	RAPID PLASTICIZATION OF QUENCHED YARNS
HT4585-DE-EPT	Germany	Euro-PCT Application	18 Dec 2008	08863364.9	26 Oct 2011	602008010967.4	RAPID PLASTICIZATION OF QUENCHED YARNS
HT4585-EP-EPT	European Procedure (Patents)	Euro-PCT Application	18 Dec 2008	08863364.9	26 Oct 2011	2222905	RAPID PLASTICIZATION OF QUENCHED YARNS
HT4585-IT-EPT	Italy	Euro-PCT Application	18 Dec 2008	08863364.9	26 Oct 2011	2222905	RAPID PLASTICIZATION OF QUENCHED YARNS
HT4585-KR-PCT	South Korea / Republic of Korea	PCT Application	18 Dec 2008	10-2010-7015711	15 Oct 2015	10-1562413	RAPID PLASTICIZATION OF QUENCHED YARNS
HT4585-NL-EPT	Netherlands	Euro-PCT Application	18 Dec 2008	08863364.9	26 Oct 2011	2222905	RAPID PLASTICIZATION OF QUENCHED YARNS
HT4585-US-NP	United States Of America	National Patent	19 Dec 2007	12/004435	10 Aug 2010	7771638	RAPID PLASTICIZATION OF QUENCHED YARNS

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4595-BR-PCT	Brazil	PCT Application	18 Dec 2008	PI0819392.4			MULTISTAGE DRAW WITH RELAXATION STEP
HT4595-CN-PCT	China	PCT Application	18 Dec 2008	200880121667.X	08 Aug 2012	200880121667.X	MULTISTAGE DRAW WITH RELAXATION STEP
HT4595-DE-EPT	Germany	Euro-PCT Application	18 Dec 2008	08866870.2	31 May 2017	602008050527.8	MULTISTAGE DRAW WITH RELAXATION STEP
HT4595-EP-EPT	European Procedure (Patents)	Euro-PCT Application	18 Dec 2008	08866870.2	31 May 2017	2235241	MULTISTAGE DRAW WITH RELAXATION STEP
HT4595-FR-EPT	France	Euro-PCT Application	18 Dec 2008	08866870.2	31 May 2017	2235241	MULTISTAGE DRAW WITH RELAXATION STEP
HT4595-JP-PCT	Japan	PCT Application	18 Dec 2008	539788/10	25 Jan 2013	5186009	MULTISTAGE DRAW WITH RELAXATION STEP
HT4595-KR-PCT	South Korea / Republic of Korea	PCT Application	18 Dec 2008	10-2010-7015712	15 Oct 2015	10-1562414	MULTISTAGE DRAW WITH RELAXATION STEP
HT4595-US-NP	United States Of America	National Patent	19 Dec 2007	12/004330	24 Aug 2010	7780889	MULTISTAGE DRAW WITH RELAXATION STEP
HT4610-BR-PCT	Brazil	PCT Application	24 Nov 2008	PI0819004.6			HONEYCOMB HAVING A HIGH COMPRESSION STRENGTH AND ARTICLES MADE FROM SAME
HT4610-CN-PCT	China	PCT Application	24 Nov 2008	200880118313.X	13 Nov 2013	200880118313.X	HONEYCOMB HAVING A HIGH COMPRESSION STRENGTH AND ARTICLES MADE FROM SAME
HT4610-DE-EPT	Germany	Euro-PCT Application	24 Nov 2008	08854360.8	24 Jul 2013	602008026305.3	HONEYCOMB HAVING A HIGH COMPRESSION STRENGTH AND ARTICLES MADE FROM SAME

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4610-EP-EPT	European Procedure (Patents)	Euro-PCT Application	24 Nov 2008	08854360.8	24 Jul 2013	2214900	HONEYCOMB HAVING A HIGH COMPRESSION STRENGTH AND ARTICLES MADE FROM SAME
HT4610-FR-EPT	France	Euro-PCT Application	24 Nov 2008	08854360.8	24 Jul 2013	2214900	HONEYCOMB HAVING A HIGH COMPRESSION STRENGTH AND ARTICLES MADE FROM SAME
HT4610-GB-EPT	United Kingdom	Euro-PCT Application	24 Nov 2008	08854360.8	24 Jul 2013	2214900	HONEYCOMB HAVING A HIGH COMPRESSION STRENGTH AND ARTICLES MADE FROM SAME
HT4610-JP-PCT	Japan	PCT Application	24 Nov 2008	536100/10	20 Sep 2013	5368468	HONEYCOMB HAVING A HIGH COMPRESSION STRENGTH AND ARTICLES MADE FROM SAME
HT4610-LU-EPT	Luxembourg	Euro-PCT Application	24 Nov 2008	08854360.8	24 Jul 2013	2214900	HONEYCOMB HAVING A HIGH COMPRESSION STRENGTH AND ARTICLES MADE FROM SAME
HT4610-US-NP	United States Of America	National Patent	21 Nov 2008	12/275279	18 Sep 2012	8268434	HONEYCOMB HAVING A HIGH COMPRESSION STRENGTH AND ARTICLES MADE FROM SAME
HT4645-CN-PCT	China	PCT Application	20 Dec 2008	200880127307.0	02 Jan 2013	200880127307.0	PAPERS CONTAINING FIBRIDS DERIVED FROM DIAMINO DIPHENYL SULFONE
HT4645-DE-EPT	Germany	Euro-PCT Application	20 Dec 2008	08867488.2	12 Mar 2014	602008030896.0	PAPERS CONTAINING FIBRIDS DERIVED FROM DIAMINO DIPHENYL SULFONE
HT4645-EP-EPT	European Procedure (Patents)	Euro-PCT Application	20 Dec 2008	08867488.2	12 Mar 2014	2222917	PAPERS CONTAINING FIBRIDS DERIVED FROM DIAMINO DIPHENYL SULFONE

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4645-FR-EPT	France	Euro-PCT Application	20 Dec 2008	08867488.2	12 Mar 2014	2222917	PAPERS CONTAINING FIBRIDS DERIVED FROM DIAMINO DIPHENYL SULFONE
HT4645-GB-EPT	United Kingdom	Euro-PCT Application	20 Dec 2008	08867488.2	12 Mar 2014	2222917	PAPERS CONTAINING FIBRIDS DERIVED FROM DIAMINO DIPHENYL SULFONE
HT4645-KR-PCT	South Korea / Republic of Korea	PCT Application	20 Dec 2008	10/2010/7016133	17 Jul 2015	10-1539129	PAPERS CONTAINING FIBRIDS DERIVED FROM DIAMINO DIPHENYL SULFONE
HT4645-NL-EPT	Netherlands	Euro-PCT Application	20 Dec 2008	08867488.2	12 Mar 2014	2222917	PAPERS CONTAINING FIBRIDS DERIVED FROM DIAMINO DIPHENYL SULFONE
HT4645-US-NP	United States Of America	National Patent	21 Dec 2007	12/004719	21 Feb 2012	8118975	PAPERS CONTAINING FIBRIDS DERIVED FROM DIAMINO DIPHENYL SULFONE
HT4650-CN-PCT	China	PCT Application	20 Dec 2008	200880127316.X	13 Mar 2013	200880127316.X	PAPERS CONTAINING FIBRIDS DERIVED FROM DIAMINO DIPHENYL SULFONE
HT4650-DE-EPT	Germany	Euro-PCT Application	20 Dec 2008	08869011.0	18 Apr 2012	602008015092.5	PAPERS CONTAINING FIBRIDS DERIVED FROM DIAMINO DIPHENYL SULFONE
HT4650-EP-EPT	European Procedure (Patents)	Euro-PCT Application	20 Dec 2008	08869011.0	18 Apr 2012	2227595	PAPERS CONTAINING FIBRIDS DERIVED FROM DIAMINO DIPHENYL SULFONE
HT4650-FR-EPT	France	Euro-PCT Application	20 Dec 2008	08869011.0	18 Apr 2012	2227595	PAPERS CONTAINING FIBRIDS DERIVED FROM DIAMINO DIPHENYL SULFONE
HT4650-GB-EPT	United Kingdom	Euro-PCT Application	20 Dec 2008	08869011.0	18 Apr 2012	2227595	PAPERS CONTAINING FIBRIDS DERIVED FROM DIAMINO DIPHENYL SULFONE

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4650-KR-PCT	South Korea / Republic of Korea	PCT Application	20 Dec 2008	10-2010-7016245	14 Jul 2015	10-1538189	PAPERS CONTAINING FIBRIDS DERIVED FROM DIAMINO DIPHENYL SULFONE
HT4650-US-NP	United States Of America	National Patent	21 Dec 2007	12/004720	14 Feb 2012	8114251	PAPERS CONTAINING FIBRIDS DERIVED FROM DIAMINO DIPHENYL SULFONE
HT4655-CN-PCT	China	PCT Application	20 Dec 2008	200880127306.6	08 Jan 2014	200880127306.6	PAPERS CONTAINING FLOC DERIVED FROM DIAMINO DIPHENYL SULFONE
HT4655-DE-EPT	Germany	Euro-PCT Application	20 Dec 2008	08868931.0	04 Jun 2014	602008032637.3	PAPERS CONTAINING FLOC DERIVED FROM DIAMINO DIPHENYL SULFONE
HT4655-EP-EPT	European Procedure (Patents)	Euro-PCT Application	20 Dec 2008	08868931.0	04 Jun 2014	2222918	PAPERS CONTAINING FLOC DERIVED FROM DIAMINO DIPHENYL SULFONE
HT4655-FR-EPT	France	Euro-PCT Application	20 Dec 2008	08868931.0	04 Jun 2014	2222918	PAPERS CONTAINING FLOC DERIVED FROM DIAMINO DIPHENYL SULFONE
HT4655-GB-EPT	United Kingdom	Euro-PCT Application	20 Dec 2008	08868931.0	04 Jun 2014	2222918	PAPERS CONTAINING FLOC DERIVED FROM DIAMINO DIPHENYL SULFONE
HT4655-JP-PCT	Japan	PCT Application	20 Dec 2008	539921/10	30 Nov 2012	5144767	PAPERS CONTAINING FLOC DERIVED FROM DIAMINO DIPHENYL SULFONE
HT4655-KR-PCT	South Korea / Republic of Korea	PCT Application	20 Dec 2008	10-2010-7016255	14 Jul 2015	10-1538190	PAPERS CONTAINING FLOC DERIVED FROM DIAMINO DIPHENYL SULFONE
HT4655-US-NP	United States Of America	National Patent	21 Dec 2007	12/004901	28 Sep 2010	7803247	PAPERS CONTAINING FLOC DERIVED FROM DIAMINO DIPHENYL SULFONE
HT4665-CN-PCT	China	PCT Application	24 Jun 2009	200980124635.X	18 Sep 2013	200980124635.X	FLEXIBLE HOSE FOR CONVEYING FLUIDS OR GASES

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4665-DE-EPT	Germany	Euro-PCT Application	24 Jun 2009	09770899.4	24 Sep 2014	602009026844.9	FLEXIBLE HOSE FOR CONVEYING FLUIDS OR GASES
HT4665-EP-EPT	European Procedure (Patents)	Euro-PCT Application	24 Jun 2009	09770899.4	24 Sep 2014	2296872	FLEXIBLE HOSE FOR CONVEYING FLUIDS OR GASES
HT4665-FR-EPT	France	Euro-PCT Application	24 Jun 2009	09770899.4	24 Sep 2014	2296872	FLEXIBLE HOSE FOR CONVEYING FLUIDS OR GASES
HT4665-JP-PCT	Japan	PCT Application	24 Jun 2009	516550/11	31 May 2013	5281158	FLEXIBLE HOSE FOR CONVEYING FLUIDS OR GASES
HT4665-KR-PCT	South Korea / Republic of Korea	PCT Application	24 Jun 2009	10-2011-7002013	22 Apr 2015	1516049	FLEXIBLE HOSE FOR CONVEYING FLUIDS OR GASES
HT4665-US-NP	United States Of America	National Patent	27 Jun 2008	12/215488	31 May 2011	7950420	FLEXIBLE HOSE FOR CONVEYING FLUIDS OR GASES
HT4675-DE-EPT	Germany	Euro-PCT Application	25 Feb 2009	09714530.4	28 Nov 2012	602009011525.1	CORE HAVING A HIGH SHEAR STRENGTH AND ARTICLES MADE FROM SAME
HT4675-EP-EPT	European Procedure (Patents)	Euro-PCT Application	25 Feb 2009	09714530.4	28 Nov 2012	2247787	CORE HAVING A HIGH SHEAR STRENGTH AND ARTICLES MADE FROM SAME
HT4675-FR-EPT	France	Euro-PCT Application	25 Feb 2009	09714530.4	28 Nov 2012	2247787	CORE HAVING A HIGH SHEAR STRENGTH AND ARTICLES MADE FROM SAME
HT4675-GB-EPT	United Kingdom	Euro-PCT Application	25 Feb 2009	09714530.4	28 Nov 2012	2247787	CORE HAVING A HIGH SHEAR STRENGTH AND ARTICLES MADE FROM SAME
HT4675-LU-EPT	Luxembourg	Euro-PCT Application	25 Feb 2009	09714530.4	28 Nov 2012	2247787	CORE HAVING A HIGH SHEAR STRENGTH AND ARTICLES MADE FROM SAME
HT4710-BR-PCT	Brazil	PCT Application	14 Dec 2009	PI0916156.2			NON-WOVEN SHEET CONTAINING FIBERS WITH SHEATH/CORE CONSTRUCTION

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4710-CA-PCT	Canada	PCT Application	14 Dec 2009	2742381	12 Aug 2014	2742381	NON-WOVEN SHEET CONTAINING FIBERS WITH SHEATH/CORE CONSTRUCTION
HT4710-CN-PCT	China	PCT Application	14 Dec 2009	200980150385.7	07 May 2014	200980150385.7	NON-WOVEN SHEET CONTAINING FIBERS WITH SHEATH/CORE CONSTRUCTION
HT4710-DE-EPT	Germany	Euro-PCT Application	14 Dec 2009	09768594.5	28 Aug 2013	602009018400.8	NON-WOVEN SHEET CONTAINING FIBERS WITH SHEATH/CORE CONSTRUCTION
HT4710-EP-EPT	European Procedure (Patents)	Euro-PCT Application	14 Dec 2009	09768594.5	28 Aug 2013	2358935	NON-WOVEN SHEET CONTAINING FIBERS WITH SHEATH/CORE CONSTRUCTION
HT4710-FR-EPT	France	Euro-PCT Application	14 Dec 2009	09768594.5	28 Aug 2013	2358935	NON-WOVEN SHEET CONTAINING FIBERS WITH SHEATH/CORE CONSTRUCTION
HT4710-GB-EPT	United Kingdom	Euro-PCT Application	14 Dec 2009	09768594.5	28 Aug 2013	2358935	NON-WOVEN SHEET CONTAINING FIBERS WITH SHEATH/CORE CONSTRUCTION
HT4710-IT-EPT	Italy	Euro-PCT Application	14 Dec 2009	09768594.5	28 Aug 2013	2358935	NON-WOVEN SHEET CONTAINING FIBERS WITH SHEATH/CORE CONSTRUCTION
HT4710-NL-EPT	Netherlands	Euro-PCT Application	14 Dec 2009	09768594.5	28 Aug 2013	2358935	NON-WOVEN SHEET CONTAINING FIBERS WITH SHEATH/CORE CONSTRUCTION
HT4725-CA-PCT	Canada	PCT Application	10 Jul 2009	2726109	10 May 2016	2726109	CRYSTALLIZED META-ARAMID BLENDS FOR IMPROVED FLASH FIRE AND ARC PROTECTION
HT4725-CN-PCT	China	PCT Application	10 Jul 2009	200980127202.X	19 Jun 2013	200980127202.X	CRYSTALLIZED META-ARAMID BLENDS FOR IMPROVED FLASH FIRE AND ARC PROTECTION

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4725-DE-EPT	Germany	Euro-PCT Application	10 Jul 2009	09790249.8	18 Jan 2012	602009004824.4	CRYSTALLIZED META-ARAMID BLENDS FOR IMPROVED FLASH FIRE AND ARC PROTECTION
HT4725-EP-EPT	European Procedure (Patents)	Euro-PCT Application	10 Jul 2009	09790249.8	18 Jan 2012	2318579	CRYSTALLIZED META-ARAMID BLENDS FOR IMPROVED FLASH FIRE AND ARC PROTECTION
HT4725-FR-EPT	France	Euro-PCT Application	10 Jul 2009	09790249.8	18 Jan 2012	2318579	CRYSTALLIZED META-ARAMID BLENDS FOR IMPROVED FLASH FIRE AND ARC PROTECTION
HT4725-GB-EPT	United Kingdom	Euro-PCT Application	10 Jul 2009	09790249.8	18 Jan 2012	2318579	CRYSTALLIZED META-ARAMID BLENDS FOR IMPROVED FLASH FIRE AND ARC PROTECTION
HT4725-IT-EPT	Italy	Euro-PCT Application	10 Jul 2009	09790249.8	18 Jan 2012	2318579	CRYSTALLIZED META-ARAMID BLENDS FOR IMPROVED FLASH FIRE AND ARC PROTECTION
HT4725-JP-PCT	Japan	PCT Application	10 Jul 2009	517639/11	24 Jan 2014	5463356	CRYSTALLIZED META-ARAMID BLENDS FOR IMPROVED FLASH FIRE AND ARC PROTECTION
HT4725-KR-PCT	South Korea / Republic of Korea	PCT Application	10 Jul 2009	10-2011-7003121	17 Mar 2016	10-1605925	CRYSTALLIZED META-ARAMID BLENDS FOR IMPROVED FLASH FIRE AND ARC PROTECTION
HT4725-MX-PCT	Mexico	PCT Application	10 Jul 2009	MX/A/2011/000295	24 Jan 2012	295148	CRYSTALLIZED META-ARAMID BLENDS FOR IMPROVED FLASH FIRE AND ARC PROTECTION
HT4725-NL-EPT	Netherlands	Euro-PCT Application	10 Jul 2009	09790249.8	18 Jan 2012	2318579	CRYSTALLIZED META-ARAMID BLENDS FOR IMPROVED FLASH FIRE AND ARC PROTECTION
HT4725-US-NP	United States Of America	National Patent	11 Jul 2008	12/218125	29 Jun 2010	7744999	CRYSTALLIZED META-ARAMID BLENDS FOR IMPROVED FLASH FIRE AND ARC PROTECTION

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4735-CN-PCT	China	PCT Application	10 Aug 2010	201080045401.9	22 Apr 2015	201080045401.9	DURABLE HIGH PERFORMANCE ADHESIVE-BONDED ALLERGEN BARRIER LAMINATES AND PROCESS FOR MAKING SAME
HT4735-EP-EPT	European Procedure (Patents)	Euro-PCT Application	10 Aug 2010	10742990.4			DURABLE HIGH PERFORMANCE ADHESIVE-BONDED ALLERGEN BARRIER LAMINATES AND PROCESS FOR MAKING SAME
HT4735-JP-PCT	Japan	PCT Application	10 Aug 2010	524776/12			DURABLE HIGH PERFORMANCE ADHESIVE-BONDED ALLERGEN BARRIER LAMINATES AND PROCESS FOR MAKING SAME
HT4740-BR-PCT	Brazil	PCT Application	10 Aug 2010	1120120024000			DURABLE NONWOVEN ALLERGEN BARRIER LAMINATES
HT4740-CN-PCT	China	PCT Application	10 Aug 2010	201080045402.3	23 Sep 2015	201080045402.3	DURABLE NONWOVEN ALLERGEN BARRIER LAMINATES
HT4740-DE-EPT	Germany	Euro-PCT Application	10 Aug 2010	10744794.8	10 Jul 2013	602010008481.7	DURABLE NONWOVEN ALLERGEN BARRIER LAMINATES
HT4740-EP-EPT	European Procedure (Patents)	Euro-PCT Application	10 Aug 2010	10744794.8	10 Jul 2013	2464514	DURABLE NONWOVEN ALLERGEN BARRIER LAMINATES
HT4740-FR-EPT	France	Euro-PCT Application	10 Aug 2010	10744794.8	10 Jul 2013	2464514	DURABLE NONWOVEN ALLERGEN BARRIER LAMINATES
HT4740-GB-EPT	United Kingdom	Euro-PCT Application	10 Aug 2010	10744794.8	10 Jul 2013	2464514	DURABLE NONWOVEN ALLERGEN BARRIER LAMINATES
HT4740-JP-PCT	Japan	PCT Application	10 Aug 2010	524777/12	10 Jul 2015	5774002	DURABLE NONWOVEN ALLERGEN BARRIER LAMINATES

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4791-US-NP	United States Of America	National Patent	10 Nov 2009	12/615447	30 Apr 2013	8431213	SHEET STRUCTURES HAVING IMPROVED COMPRESSION PERFORMANCE
HT4795-BR-PCT	Brazil	PCT Application	16 Apr 2010	PI1006337.4			COMPOSITE LAMINATE FOR A THERMAL AND ACOUSTIC INSULATION BLANKET
HT4795-CA-PCT	Canada	PCT Application	16 Apr 2010	2756817	15 May 2018	2756817	COMPOSITE LAMINATE FOR A THERMAL AND ACOUSTIC INSULATION BLANKET
HT4795-CN-PCT	China	PCT Application	16 Apr 2010	201080017603.2	06 Aug 2014	201080017603.2	COMPOSITE LAMINATE FOR A THERMAL AND ACOUSTIC INSULATION BLANKET
HT4795-DE-EPT	Germany	Euro-PCT Application	16 Apr 2010	10715429.6	16 Jan 2013	602010004709.1	COMPOSITE LAMINATE FOR A THERMAL AND ACOUSTIC INSULATION BLANKET
HT4795-DE-UM	Germany	Utility Model	11 May 2016	202010018433.9	10 Aug 2016	202010018433.9	COMPOSITE LAMINATE FOR A THERMAL AND ACOUSTIC INSULATION BLANKET
HT4795-DE-UM[2]	Germany	Utility Model	11 May 2016	202010018432.0	10 Aug 2016	202010018432.0	COMPOSITE LAMINATE FOR A THERMAL AND ACOUSTIC INSULATION BLANKET

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4795-DE-UM[3]	Germany	Utility Model	11 May 2016	202010018434.7	10 Aug 2016	202010018434.7	COMPOSITE LAMINATE FOR A THERMAL AND ACOUSTIC INSULATION BLANKET
HT4795-DE-UM[4]	Germany	Utility Model	11 May 2016	202010018425.8	28 Jun 2016	202010018425.8	COMPOSITE LAMINATE FOR A THERMAL AND ACOUSTIC INSULATION BLANKET
HT4795-EP-EPT	European Procedure (Patents)	Euro-PCT Application	16 Apr 2010	10715429.6	16 Jan 2013	2421750	COMPOSITE LAMINATE FOR A THERMAL AND ACOUSTIC INSULATION BLANKET
HT4795-FR-EPT	France	Euro-PCT Application	16 Apr 2010	10715429.6	16 Jan 2013	2421750	COMPOSITE LAMINATE FOR A THERMAL AND ACOUSTIC INSULATION BLANKET
HT4795-GB-EPT	United Kingdom	Euro-PCT Application	16 Apr 2010	10715429.6	16 Jan 2013	2421750	COMPOSITE LAMINATE FOR A THERMAL AND ACOUSTIC INSULATION BLANKET
HT4795-IT-EPT	Italy	Euro-PCT Application	16 Apr 2010	10715429.6	16 Jan 2013	2421750	COMPOSITE LAMINATE FOR A THERMAL AND ACOUSTIC INSULATION BLANKET
HT4795-US-CIP	United States Of America	Continuation-in-Part	14 Dec 2011	13/325741	17 Dec 2013	8607926	COMPOSITE LAMINATE FOR A THERMAL AND ACOUSTIC INSULATION BLANKET

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4795-US-CIP[1]	United States Of America	Continuation-in-Part	14 Dec 2011	13/325770	17 Dec 2013	8607927	COMPOSITE LAMINATE FOR A THERMAL AND ACOUSTIC INSULATION BLANKET
HT4795-US-CIP[2]	United States Of America	Continuation-in-Part	14 Dec 2011	13/325804	17 Dec 2013	8607928	COMPOSITE LAMINATE FOR A THERMAL AND ACOUSTIC INSULATION BLANKET
HT4795-US-CNT	United States Of America	Continuation	28 Aug 2012	13/596307	05 Mar 2013	8387748	COMPOSITE LAMINATE FOR A THERMAL AND ACOUSTIC INSULATION BLANKET
HT4795-US-CNT[2]	United States Of America	Continuation	15 Nov 2013	14/081010	19 Jan 2016	9238505	COMPOSITE LAMINATE FOR A THERMAL AND ACOUSTIC INSULATION BLANKET
HT4795-US-CNT[3]	United States Of America	Continuation	15 Nov 2013	14/081022	26 Jan 2016	9242717	COMPOSITE FLAME BARRIER LAMINATE FOR A THERMAL AND ACOUSTIC INSULATION BLANKET
HT4795-US-CNT[4]	United States Of America	Continuation	12 Nov 2013	14/077394	16 Jun 2015	9056666	COMPOSITE LAMINATE FOR A THERMAL AND ACOUSTIC INSULATION BLANKET

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4795-US-CNT[5]	United States Of America	Continuation	06 May 2015	14/705017	09 May 2017	9643711	COMPOSITE FLAME BARRIER LAMINATE FOR A THERMAL AND ACOUSTIC INSULATION BLANKET
HT4795-US-NP	United States Of America	National Patent	14 Apr 2010	12/759741	23 Oct 2012	8292027	COMPOSITE LAMINATE FOR A THERMAL AND ACOUSTIC INSULATION BLANKET
HT4795-US-REI	United States Of America	Reissue	15 Oct 2014	14/515267	02 Jan 2018	RE46658	COMPOSITE LAMINATE FOR A THERMAL AND ACOUSTIC INSULATION BLANKET
HT4795-US-REI[2]	United States Of America	Reissue	15 Oct 2014	14/515386	22 May 2018	RE46859	COMPOSITE LAMINATE FOR A THERMAL AND ACOUSTIC INSULATION BLANKET
HT4825-BR-PCT	Brazil	PCT Application	02 Jun 2010	PI1007656.5			CRYSTALLIZED META-ARAMID BLENDS FOR IMPROVED FLASH FIRE AND SUPERIOR ARC PROTECTION
HT4825-CA-PCT	Canada	PCT Application	02 Jun 2010	2760481	22 Aug 2017	2760481	CRYSTALLIZED META-ARAMID BLENDS FOR IMPROVED FLASH FIRE AND SUPERIOR ARC PROTECTION
HT4825-CN-PCT	China	PCT Application	02 Jun 2010	2010800243 41.2	07 Oct 2015	20108002 4341.2	CRYSTALLIZED META-ARAMID BLENDS FOR IMPROVED FLASH FIRE AND SUPERIOR ARC PROTECTION

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4825-DE-EPT	Germany	Euro-PCT Application	02 Jun 2010	10726371.7	23 Oct 2013	602010011176.8	CRYSTALLIZED META-ARAMID BLENDS FOR IMPROVED FLASH FIRE AND SUPERIOR ARC PROTECTION
HT4825-EP-EPT	European Procedure (Patents)	Euro-PCT Application	02 Jun 2010	10726371.7	23 Oct 2013	2438221	CRYSTALLIZED META-ARAMID BLENDS FOR IMPROVED FLASH FIRE AND SUPERIOR ARC PROTECTION
HT4825-FR-EPT	France	Euro-PCT Application	02 Jun 2010	10726371.7	23 Oct 2013	2438221	CRYSTALLIZED META-ARAMID BLENDS FOR IMPROVED FLASH FIRE AND SUPERIOR ARC PROTECTION
HT4825-GB-EPT	United Kingdom	Euro-PCT Application	02 Jun 2010	10726371.7	23 Oct 2013	2438221	CRYSTALLIZED META-ARAMID BLENDS FOR IMPROVED FLASH FIRE AND SUPERIOR ARC PROTECTION
HT4825-JP-PCT	Japan	PCT Application	02 Jun 2010	514069/12	09 May 2014	5539504	CRYSTALLIZED META-ARAMID BLENDS FOR IMPROVED FLASH FIRE AND SUPERIOR ARC PROTECTION
HT4825-KR-PCT	South Korea / Republic of Korea	PCT Application	02 Jun 2010	10-2011-7031443	28 Mar 2017	10-1722795	CRYSTALLIZED META-ARAMID BLENDS FOR IMPROVED FLASH FIRE AND SUPERIOR ARC PROTECTION
HT4825-US-NP	United States Of America	National Patent	02 Jun 2009	12/476584	06 Dec 2011	8069642	CRYSTALLIZED META-ARAMID BLENDS FOR IMPROVED FLASH FIRE AND SUPERIOR ARC PROTECTION

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4830-BR-PCT	Brazil	PCT Application	02 Jun 2010	PI1007670.0			LIMITED-ANTIMONY-CONTENT AND ANTIMONY-FREE MODACRYLIC / ARAMID BLENDS FOR IMPROVED FLASH FIRE AND ARC PROTECTION
HT4830-CA-PCT	Canada	PCT Application	02 Jun 2010	2760483	27 Feb 2018	2760483	LIMITED-ANTIMONY-CONTENT AND ANTIMONY-FREE MODACRYLIC / ARAMID BLENDS FOR IMPROVED FLASH FIRE AND ARC PROTECTION
HT4830-CN-PCT	China	PCT Application	02 Jun 2010	2010800243 43.1	25 Mar 2015	20108002 4343.1	LIMITED-ANTIMONY-CONTENT AND ANTIMONY-FREE MODACRYLIC / ARAMID BLENDS FOR IMPROVED FLASH FIRE AND ARC PROTECTION
HT4830-DE-EPT	Germany	Euro-PCT Application	02 Jun 2010	10724945.0	06 Nov 2013	60201001 1509.7	LIMITED-ANTIMONY-CONTENT AND ANTIMONY-FREE MODACRYLIC / ARAMID BLENDS FOR IMPROVED FLASH FIRE AND ARC PROTECTION
HT4830-EP-EPT	European Procedure (Patents)	Euro-PCT Application	02 Jun 2010	10724945.0	06 Nov 2013	2438222	LIMITED-ANTIMONY-CONTENT AND ANTIMONY-FREE MODACRYLIC / ARAMID BLENDS FOR IMPROVED FLASH FIRE AND ARC PROTECTION
HT4830-FR-EPT	France	Euro-PCT Application	02 Jun 2010	10724945.0	06 Nov 2013	2438222	LIMITED-ANTIMONY-CONTENT AND ANTIMONY-FREE MODACRYLIC / ARAMID BLENDS FOR IMPROVED FLASH FIRE AND ARC PROTECTION

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4830-GB-EPT	United Kingdom	Euro-PCT Application	02 Jun 2010	10724945.0	06 Nov 2013	2438222	LIMITED-ANTIMONY-CONTENT AND ANTIMONY-FREE MODACRYLIC / ARAMID BLENDS FOR IMPROVED FLASH FIRE AND ARC PROTECTION
HT4830-JP-PCT	Japan	PCT Application	02 Jun 2010	514071/12	18 Apr 2014	5523556	LIMITED-ANTIMONY-CONTENT AND ANTIMONY-FREE MODACRYLIC / ARAMID BLENDS FOR IMPROVED FLASH FIRE AND ARC PROTECTION
HT4830-KR-PCT	South Korea / Republic of Korea	PCT Application	02 Jun 2010	10-2011-7031444	14 Jul 2017	10-1760145	LIMITED-ANTIMONY-CONTENT AND ANTIMONY-FREE MODACRYLIC / ARAMID BLENDS FOR IMPROVED FLASH FIRE AND ARC PROTECTION
HT4830-US-NP	United States Of America	National Patent	02 Jun 2009	12/476595	06 Dec 2011	8069643	LIMITED-ANTIMONY-CONTENT AND ANTIMONY-FREE MODACRYLIC / ARAMID BLENDS FOR IMPROVED FLASH FIRE AND ARC PROTECTION
HT4835-US-NP	United States Of America	National Patent	20 Jul 2009	12/505780	14 Feb 2012	8114180	BAG FILTER COMPRISING SCRIMLESS FILTER FELT OF META-AND-PARA-ARAMID STAPLE FIBER
HT4840-CA-PCT	Canada	PCT Application	17 Nov 2010	2781109	02 Jan 2018	2781109	HONEYCOMB CORE BASED ON CARBON FIBER PAPER AND ARTICLES MADE FROM SAME

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4840-EP-EPT	European Procedure (Patents)	Euro-PCT Application	17 Nov 2010	10779905.8			HONEYCOMB CORE BASED ON CARBON FIBER PAPER AND ARTICLES MADE FROM SAME
HT4841-DE-EPT	Germany	Euro-PCT Application	17 Nov 2010	10781787.6	19 Oct 2016	60201003 7348.7	FOLDED CORE BASED ON CARBON FIBER PAPER AND ARTICLES MADE FROM SAME
HT4841-EP-EPT	European Procedure (Patents)	Euro-PCT Application	17 Nov 2010	10781787.6	19 Oct 2016	2501856	FOLDED CORE BASED ON CARBON FIBER PAPER AND ARTICLES MADE FROM SAME
HT4841-FR-EPT	France	Euro-PCT Application	17 Nov 2010	10781787.6	19 Oct 2016	2501856	FOLDED CORE BASED ON CARBON FIBER PAPER AND ARTICLES MADE FROM SAME
HT4845-BR-PCT	Brazil	PCT Application	05 Nov 2010	1120120105 98.1			PRINTABLE ARAMID BLEND FABRIC
HT4845-DE-EPT	Germany	Euro-PCT Application	05 Nov 2010	10800794.9	10 Feb 2016	60201003 0599.6	PRINTABLE ARAMID BLEND FABRIC
HT4845-EP-EPT	European Procedure (Patents)	Euro-PCT Application	05 Nov 2010	10800794.9	10 Feb 2016	2496743	PRINTABLE ARAMID BLEND FABRIC
HT4845-FR-EPT	France	Euro-PCT Application	05 Nov 2010	10800794.9	10 Feb 2016	2496743	PRINTABLE ARAMID BLEND FABRIC
HT4845-JP-PCT	Japan	PCT Application	05 Nov 2010	538029/12	06 Nov 2015	5831991	PRINTABLE ARAMID BLEND FABRIC
HT4855-CA-PCT	Canada	PCT Application	05 Apr 2011	2789816	05 Jun 2018	2789816	CRYSTALLIZED META-ARAMID BLENDS FOR FLASH FIRE AND ARC PROTECTION HAVING IMPROVED COMFORT

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4855-CN-PCT	China	PCT Application	05 Apr 2011	201180016936.8	25 Nov 2015	201180016936.8	CRYSTALLIZED META-ARAMID BLENDS FOR FLASH FIRE AND ARC PROTECTION HAVING IMPROVED COMFORT
HT4855-DE-EPT	Germany	Euro-PCT Application	05 Apr 2011	11715342.9	18 Dec 2013	602011004264.5	CRYSTALLIZED META-ARAMID BLENDS FOR FLASH FIRE AND ARC PROTECTION HAVING IMPROVED COMFORT
HT4855-EP-EPT	European Procedure (Patents)	Euro-PCT Application	05 Apr 2011	11715342.9	18 Dec 2013	2556189	CRYSTALLIZED META-ARAMID BLENDS FOR FLASH FIRE AND ARC PROTECTION HAVING IMPROVED COMFORT
HT4855-FR-EPT	France	Euro-PCT Application	05 Apr 2011	11715342.9	18 Dec 2013	2556189	CRYSTALLIZED META-ARAMID BLENDS FOR FLASH FIRE AND ARC PROTECTION HAVING IMPROVED COMFORT
HT4855-GB-EPT	United Kingdom	Euro-PCT Application	05 Apr 2011	11715342.9	18 Dec 2013	2556189	CRYSTALLIZED META-ARAMID BLENDS FOR FLASH FIRE AND ARC PROTECTION HAVING IMPROVED COMFORT
HT4855-JP-PCT	Japan	PCT Application	05 Apr 2011	503819/13	15 May 2015	5744178	CRYSTALLIZED META-ARAMID BLENDS FOR FLASH FIRE AND ARC PROTECTION HAVING IMPROVED COMFORT
HT4855-US-NP	United States Of America	National Patent	08 Apr 2010	12/756513	13 Mar 2012	8133584	CRYSTALLIZED META-ARAMID BLENDS FOR FLASH FIRE AND ARC PROTECTION HAVING IMPROVED COMFORT
HT4860-BR-PCT	Brazil	PCT Application	28 Jun 2011	112012031000.3			MULTILAYER STRUCTURE USEFUL FOR ELECTRICAL INSULATION
HT4860-CA-PCT	Canada	PCT Application	28 Jun 2011	2803162	01 May 2018	2803162	MULTILAYER STRUCTURE USEFUL FOR ELECTRICAL INSULATION

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4860-CN-PCT	China	PCT Application	28 Jun 2011	201180031889.4	02 Sep 2015	201180031889.4	MULTILAYER STRUCTURE USEFUL FOR ELECTRICAL INSULATION
HT4860-DE-EPT	Germany	Euro-PCT Application	28 Jun 2011	11731208.2	27 Aug 2014	602011009473.4	MULTILAYER STRUCTURE USEFUL FOR ELECTRICAL INSULATION
HT4860-EP-EPT	European Procedure (Patents)	Euro-PCT Application	28 Jun 2011	11731208.2	27 Aug 2014	2588304	MULTILAYER STRUCTURE USEFUL FOR ELECTRICAL INSULATION
HT4860-FR-EPT	France	Euro-PCT Application	28 Jun 2011	11731208.2	27 Aug 2014	2588304	MULTILAYER STRUCTURE USEFUL FOR ELECTRICAL INSULATION
HT4860-GB-EPT	United Kingdom	Euro-PCT Application	28 Jun 2011	11731208.2	27 Aug 2014	2588304	MULTILAYER STRUCTURE USEFUL FOR ELECTRICAL INSULATION
HT4860-IT-EPT	Italy	Euro-PCT Application	28 Jun 2011	11731208.2	27 Aug 2014	2588304	MULTILAYER STRUCTURE USEFUL FOR ELECTRICAL INSULATION
HT4860-JP-PCD	Japan	PCT Application Divisional	18 Mar 2016	2016-054792	12 May 2017	6138992	MULTILAYER STRUCTURE USEFUL FOR ELECTRICAL INSULATION
HT4860-JP-PCT	Japan	PCT Application	28 Jun 2011	518552/13	01 Apr 2016	5907626	MULTILAYER STRUCTURE USEFUL FOR ELECTRICAL INSULATION
HT4860-US-NP	United States Of America	National Patent	29 Jun 2010	12/825810	07 Jul 2015	9073290	MULTILAYER STRUCTURE USEFUL FOR ELECTRICAL INSULATION
HT4865-BR-PCT	Brazil	PCT Application	08 Dec 2011	1120130088109			IMPROVED MEDIA FOR HOT GAS FILTRATION
HT4865-CA-PCT	Canada	PCT Application	08 Dec 2011	2817897			IMPROVED MEDIA FOR HOT GAS FILTRATION

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4865-CN-PCT	China	PCT Application	08 Dec 2011	201180058737.3	15 Jul 2015	201180058737.3	IMPROVED MEDIA FOR HOT GAS FILTRATION
HT4865-DE-EPT	Germany	Euro-PCT Application	08 Dec 2011	11808027.4	07 Jan 2015	602011013429.9	IMPROVED MEDIA FOR HOT GAS FILTRATION
HT4865-EP-EPT	European Procedure (Patents)	Euro-PCT Application	08 Dec 2011	11808027.4	07 Jan 2015	2648823	IMPROVED MEDIA FOR HOT GAS FILTRATION
HT4865-FR-EPT	France	Euro-PCT Application	08 Dec 2011	11808027.4	07 Jan 2015	2648823	IMPROVED MEDIA FOR HOT GAS FILTRATION
HT4865-GB-EPT	United Kingdom	Euro-PCT Application	08 Dec 2011	11808027.4	07 Jan 2015	2648823	IMPROVED MEDIA FOR HOT GAS FILTRATION
HT4865-US-NP[1]	United States Of America	National Patent	08 Dec 2011	13/314672	18 Feb 2014	8652230	IMPROVED MEDIA FOR HOT GAS FILTRATION
HT4875-CN-PCT	China	PCT Application	18 Jun 2012	201280031140.4	14 Sep 2016	201280031140.4	CLAMP ASSEMBLY AND APPAREL CONTAINING SAME
HT4875-DE-EPT	Germany	Euro-PCT Application	18 Jun 2012	12733277.3	18 Apr 2018	602012045318.4	CLAMP ASSEMBLY AND APPAREL CONTAINING SAME
HT4875-EP-EPT	European Procedure (Patents)	Euro-PCT Application	18 Jun 2012	12733277.3	18 Apr 2018	2723204	CLAMP ASSEMBLY AND APPAREL CONTAINING SAME
HT4875-FR-EPT	France	Euro-PCT Application	18 Jun 2012	12733277.3	18 Apr 2018	2723204	CLAMP ASSEMBLY AND APPAREL CONTAINING SAME
HT4875-GB-EPT	United Kingdom	Euro-PCT Application	18 Jun 2012	12733277.3	18 Apr 2018	2723204	CLAMP ASSEMBLY AND APPAREL CONTAINING SAME
HT4875-JP-PCT	Japan	PCT Application	18 Jun 2012	2014-517049	22 Sep 2017	6210602	CLAMP ASSEMBLY AND APPAREL CONTAINING SAME
HT4875-KR-PCT	South Korea / Republic of Korea	PCT Application	18 Jun 2012	10-2014-7001730			CLAMP ASSEMBLY AND APPAREL CONTAINING SAME

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4875-US-NP	United States Of America	National Patent	24 Jun 2011	13/168138	20 May 2014	8726417	CLAMP ASSEMBLY AND APPAREL CONTAINING SAME
HT4880-CA-PCT	Canada	PCT Application	18 Jun 2012	2845514			HIGH MOISTURE REGAIN YARN, FABRICS, AND GARMENTS HAVING SUPERIOR ARC PROTECTION
HT4880-CN-PCT	China	PCT Application	18 Jun 2012	201280041093.1	12 Oct 2016	201280041093.1	HIGH MOISTURE REGAIN YARN, FABRICS, AND GARMENTS HAVING SUPERIOR ARC PROTECTION
HT4880-DE-EPT	Germany	Euro-PCT Application	18 Jun 2012	12730739.5	22 Jul 2015	602012008979.2	HIGH MOISTURE REGAIN YARN, FABRICS, AND GARMENTS HAVING SUPERIOR ARC PROTECTION
HT4880-EP-EPT	European Procedure (Patents)	Euro-PCT Application	18 Jun 2012	12730739.5	22 Jul 2015	2751318	HIGH MOISTURE REGAIN YARN, FABRICS, AND GARMENTS HAVING SUPERIOR ARC PROTECTION
HT4880-FR-EPT	France	Euro-PCT Application	18 Jun 2012	12730739.5	22 Jul 2015	2751318	HIGH MOISTURE REGAIN YARN, FABRICS, AND GARMENTS HAVING SUPERIOR ARC PROTECTION
HT4880-JP-PCT	Japan	PCT Application	18 Jun 2012	2014/528386	05 Aug 2016	5979796	HIGH MOISTURE REGAIN YARN, FABRICS, AND GARMENTS HAVING SUPERIOR ARC PROTECTION
HT4880-US-NP	United States Of America	National Patent	02 Sep 2011	13/224857	27 Oct 2015	9169582	HIGH MOISTURE REGAIN YARN, FABRICS, AND GARMENTS HAVING SUPERIOR ARC PROTECTION
HT4885-CA-PCT	Canada	PCT Application	18 Jun 2012	2845233			ARTICLE OF THERMAL PROTECTIVE CLOTHING

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4885-CN-PCT	China	PCT Application	18 Jun 2012	201280041380.2	25 Nov 2015	201280041380.2	ARTICLE OF THERMAL PROTECTIVE CLOTHING
HT4885-DE-EPT	Germany	Euro-PCT Application	18 Jun 2012	12733276.5	18 May 2016	602012018596.1	ARTICLE OF THERMAL PROTECTIVE CLOTHING
HT4885-EP-EPT	European Procedure (Patents)	Euro-PCT Application	18 Jun 2012	12733276.5	18 May 2016	2751319	ARTICLE OF THERMAL PROTECTIVE CLOTHING
HT4885-FR-EPT	France	Euro-PCT Application	18 Jun 2012	12733276.5	18 May 2016	2751319	ARTICLE OF THERMAL PROTECTIVE CLOTHING
HT4885-JP-PCT	Japan	PCT Application	18 Jun 2012	2014/528387	11 Nov 2016	6037405	ARTICLE OF THERMAL PROTECTIVE CLOTHING
HT4885-KR-PCT	South Korea / Republic of Korea	PCT Application	18 Jun 2012	10-2014-7008315			ARTICLE OF THERMAL PROTECTIVE CLOTHING
HT4885-US-NP	United States Of America	National Patent	02 Sep 2011	13/224837	21 Jun 2016	9370212	ARTICLE OF THERMAL PROTECTIVE CLOTHING
HT4890-DE-EPT	Germany	Euro-PCT Application	07 Jan 2013	13744849.4	17 Aug 2016	602013010417.4	CORE STRUCTURES COMPRISING TANNIN RESIN
HT4890-EP-EPT	European Procedure (Patents)	Euro-PCT Application	07 Jan 2013	13744849.4	17 Aug 2016	2802710	CORE STRUCTURES COMPRISING TANNIN RESIN
HT4890-FR-EPT	France	Euro-PCT Application	07 Jan 2013	13744849.4	17 Aug 2016	2802710	CORE STRUCTURES COMPRISING TANNIN RESIN
HT4905-BR-PCT	Brazil	PCT Application	22 Feb 2013	1120140211663			A FIBER-RESIN COMPOSITE SHEET AND ARTICLE COMPRISING THE SAME
HT4905-CA-PCT	Canada	PCT Application	22 Feb 2013	2864826			A FIBER-RESIN COMPOSITE SHEET AND ARTICLE COMPRISING THE SAME

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4905-CN-PCT	China	PCT Application	22 Feb 2013	20138000991.3	27 Jun 2017	201380009991.3	A FIBER-RESIN COMPOSITE SHEET AND ARTICLE COMPRISING THE SAME
HT4905-DE-EPT	Germany	Euro-PCT Application	22 Feb 2013	13708033.9	13 Jan 2016	602013004640.9	A FIBER-RESIN COMPOSITE SHEET AND ARTICLE COMPRISING THE SAME
HT4905-EP-EPT	European Procedure (Patents)	Euro-PCT Application	22 Feb 2013	13708033.9	13 Jan 2016	2817451	A FIBER-RESIN COMPOSITE SHEET AND ARTICLE COMPRISING THE SAME
HT4905-FR-EPT	France	Euro-PCT Application	22 Feb 2013	13708033.9	13 Jan 2016	2817451	A FIBER-RESIN COMPOSITE SHEET AND ARTICLE COMPRISING THE SAME
HT4905-JP-PCT	Japan	PCT Application	22 Feb 2013	2014-558878	09 Feb 2018	6284239	A FIBER-RESIN COMPOSITE SHEET AND ARTICLE COMPRISING THE SAME
HT4915-BR-PCT	Brazil	PCT Application	18 Dec 2012	1120140155151			STRUCTURAL CORE
HT4915-CA-PCT	Canada	PCT Application	18 Dec 2012	2857064			STRUCTURAL CORE
HT4915-CN-PCT	China	PCT Application	18 Dec 2012	201280063055.6	27 Jan 2016	201280063055.6	STRUCTURAL CORE
HT4915-DE-EPT	Germany	Euro-PCT Application	18 Dec 2012	12809983.5	13 Apr 2016	602012017151.0	STRUCTURAL CORE
HT4915-EP-EPT	European Procedure (Patents)	Euro-PCT Application	18 Dec 2012	12809983.5	13 Apr 2016	2794988	STRUCTURAL CORE

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4915-FR-EPT	France	Euro-PCT Application	18 Dec 2012	12809983.5	13 Apr 2016	2794988	STRUCTURAL CORE
HT4915-JP-PCT	Japan	PCT Application	18 Dec 2012	549213-14	07 Apr 2017	6120415	STRUCTURAL CORE
HT4915-US-NP	United States Of America	National Patent	04 Dec 2012	13/693161			STRUCTURAL CORE
HT4920-CN-PCT	China	PCT Application	08 Oct 2012	2012800597 21.9	08 Mar 2017	20128005 9721.9	LIQUID COMPOSITIONS USED AS INSULATING AND HEAT TRANSFER MEANS, ELECTRICAL DEVICES CONTAINING SAID COMPOSITIONS AND PREPARATION METHOD FOR SUCH COMPOSITIONS
HT4920-US-NP	United States Of America	National Patent	08 Oct 2012	13/647009	19 Jan 2016	9240259	LIQUID COMPOSITIONS USED AS INSULATING AND HEAT TRANSFER MEANS, ELECTRICAL DEVICES CONTAINING SAID COMPOSITIONS AND PREPARATION METHOD FOR SUCH COMPOSITIONS
HT4925-CA-PCT	Canada	PCT Application	13 Dec 2012	2857052			MULTILAYERED SHEET
HT4925-CN-PCT	China	PCT Application	13 Dec 2012	2012800617 40.5	30 Mar 2016	20128006 1740.5	MULTILAYERED SHEET
HT4925-DE-EPT	Germany	Euro-PCT Application	13 Dec 2012	12809943.9	08 Jun 2016	60201201 9455.3	MULTILAYERED SHEET
HT4925-EP-EPT	European Procedure (Patents)	Euro-PCT Application	13 Dec 2012	12809943.9	08 Jun 2016	2791415	MULTILAYERED SHEET
HT4925-FR-EPT	France	Euro-PCT Application	13 Dec 2012	12809943.9	08 Jun 2016	2791415	MULTILAYERED SHEET

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4925-JP-PCT	Japan	PCT Application	13 Dec 2012	2014/547422	28 Apr 2017	6132406	MULTILAYERED SHEET
HT4925-US-NP	United States Of America	National Patent	03 Dec 2012	13/692214	03 Mar 2015	8967331	MULTILAYERED SHEET
HT4928-EP-EPT	European Procedure (Patents)	Euro-PCT Application	17 Apr 2013	13719666.3			MULTILAYERED SHEET
HT4928-JP-PCT	Japan	PCT Application	17 Apr 2013	2015-507130	24 Feb 2017	6096281	MULTILAYERED SHEET
HT4928-US-PCT	United States Of America	PCT Application	17 Apr 2013	14/386832	19 Apr 2016	9316342	MULTILAYERED SHEET
HT4930-BR-PCT	Brazil	PCT Application	25 Nov 2012	1120140135100			YARNS OF POLYOXADIAZOLE AND MODACRYLIC FIBERS AND FABRICS AND GARMENTS MADE THEREFROM AND METHODS FOR MAKING SAME
HT4930-CN-PCT	China	PCT Application	25 Nov 2012	201280058470.2	30 Mar 2016	201280058470.2	YARNS OF POLYOXADIAZOLE AND MODACRYLIC FIBERS AND FABRICS AND GARMENTS MADE THEREFROM AND METHODS FOR MAKING SAME
HT4930-DE-EPT	Germany	Euro-PCT Application	25 Nov 2012	12795299.2	01 Jun 2016	602012019237.2	YARNS OF POLYOXADIAZOLE AND MODACRYLIC FIBERS AND FABRICS AND GARMENTS MADE THEREFROM AND METHODS FOR MAKING SAME

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4930-EP-EPT	European Procedure (Patents)	Euro-PCT Application	25 Nov 2012	12795299.2	01 Jun 2016	2788537	YARNS OF POLYOXADIAZOLE AND MODACRYLIC FIBERS AND FABRICS AND GARMENTS MADE THEREFROM AND METHODS FOR MAKING SAME
HT4930-FR-EPT	France	Euro-PCT Application	25 Nov 2012	12795299.2	01 Jun 2016	2788537	YARNS OF POLYOXADIAZOLE AND MODACRYLIC FIBERS AND FABRICS AND GARMENTS MADE THEREFROM AND METHODS FOR MAKING SAME
HT4930-GB-EPT	United Kingdom	Euro-PCT Application	25 Nov 2012	12795299.2	01 Jun 2016	2788537	YARNS OF POLYOXADIAZOLE AND MODACRYLIC FIBERS AND FABRICS AND GARMENTS MADE THEREFROM AND METHODS FOR MAKING SAME
HT4930-JP-PCT	Japan	PCT Application	25 Nov 2012	2014-544792	10 Feb 2017	6086615	YARNS OF POLYOXADIAZOLE AND MODACRYLIC FIBERS AND FABRICS AND GARMENTS MADE THEREFROM AND METHODS FOR MAKING SAME
HT4930-US-NP	United States Of America	National Patent	05 Dec 2011	13/311133	15 Apr 2014	8695319	YARNS OF POLYOXADIAZOLE AND MODACRYLIC FIBERS AND FABRICS AND GARMENTS MADE THEREFROM AND METHODS FOR MAKING SAME

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4935-CN-PCT	China	PCT Application	01 May 2013	201380023300.5	30 Nov 2016	201380023300.5	PROCESS FOR OBTAINING LOW RESIDUAL ARAMID MATERIALS
HT4935-JP-PCT	Japan	PCT Application	01 May 2013	2015-510400	23 Feb 2018	6292720	PROCESS FOR OBTAINING LOW RESIDUAL ARAMID MATERIALS
HT4935-US-PCT	United States Of America	PCT Application	01 May 2013	14/396390	28 Feb 2017	9580863	PROCESS FOR OBTAINING LOW RESIDUAL ARAMID MATERIALS
HT4940-CA-PCT	Canada	PCT Application	28 Jan 2013	2862396			METHOD OF MAKING A SANDWICH PANEL
HT4940-CN-PCT	China	PCT Application	28 Jan 2013	201380006287.2	26 Oct 2016	201380006287.2	METHOD OF MAKING A SANDWICH PANEL
HT4940-DE-EPT	Germany	Euro-PCT Application	28 Jan 2013	13747538.0	12 Apr 2017	602013019786.5	METHOD OF MAKING A SANDWICH PANEL
HT4940-DE-ETD	Germany	Euro-PCT Application Divisional	28 Feb 2017	17158470.9	15 Aug 2018	602013042245.1	METHOD OF MAKING A SANDWICH PANEL
HT4940-EP-EPT	European Procedure (Patents)	Euro-PCT Application	28 Jan 2013	13747538.0	12 Apr 2017	2807029	METHOD OF MAKING A SANDWICH PANEL
HT4940-EP-ETD	European Procedure (Patents)	Euro-PCT Application Divisional	28 Feb 2017	17158470.9	15 Aug 2018	3189967	METHOD OF MAKING A SANDWICH PANEL
HT4940-FR-EPT	France	Euro-PCT Application	28 Jan 2013	13747538.0	12 Apr 2017	2807029	METHOD OF MAKING A SANDWICH PANEL
HT4940-FR-ETD	France	Euro-PCT Application Divisional	28 Feb 2017	17158470.9	15 Aug 2018	3189967	METHOD OF MAKING A SANDWICH PANEL

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4940-GB-ETD	United Kingdom	Euro-PCT Application Divisional	28 Feb 2017	17158470.9	15 Aug 2018	3189967	METHOD OF MAKING A SANDWICH PANEL
HT4940-JP-PCT	Japan	PCT Application	28 Jan 2013	2014-554921	21 Jul 2017	6176796	METHOD OF MAKING A SANDWICH PANEL
HT4940-US-NP	United States Of America	National Patent	25 Jan 2013	13/750234	06 Sep 2016	9434142	METHOD OF MAKING A SANDWICH PANEL
HT4950-DE-EPT	Germany	Euro-PCT Application	17 Apr 2013	13721443.3	02 Mar 2016	602013005269.7	MULTILAYERED SHEET
HT4950-EP-EPT	European Procedure (Patents)	Euro-PCT Application	17 Apr 2013	13721443.3	02 Mar 2016	2839077	MULTILAYERED SHEET
HT4950-FR-EPT	France	Euro-PCT Application	17 Apr 2013	13721443.3	02 Mar 2016	2839077	MULTILAYERED SHEET
HT4950-JP-PCT	Japan	PCT Application	17 Apr 2013	2015-507131	14 Jul 2017	6174120	MULTILAYERED SHEET
HT4950-US-PCT	United States Of America	PCT Application	17 Apr 2013	14/386835	30 Aug 2016	9428864	MULTILAYERED SHEET
HT4952-EP-EPT	European Procedure (Patents)	Euro-PCT Application	17 Apr 2013	13719667.1			MULTILAYERED SHEET
HT4952-US-PCT	United States Of America	PCT Application	17 Apr 2013	14/386837	13 Sep 2016	9441326	MULTILAYERED SHEET
HT4954-EP-EPT	European Procedure (Patents)	Euro-PCT Application	17 Apr 2013	13719668.9			MULTILAYERED SHEET
HT4954-US-PCT	United States Of America	PCT Application	17 Apr 2013	14/386842			MULTILAYERED SHEET

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4960-CA-PCT	Canada	PCT Application	25 Jul 2013	2879991			FIBER BLENDS, YARNS, FABRICS, AND GARMENTS FOR ARC AND FLAME PROTECTION
HT4960-CN-PCT	China	PCT Application	25 Jul 2013	201380050612.5	06 Apr 2018	201380050612.5	FIBER BLENDS, YARNS, FABRICS, AND GARMENTS FOR ARC AND FLAME PROTECTION
HT4960-EP-EPT	European Procedure (Patents)	Euro-PCT Application	25 Jul 2013	13747913.5			FIBER BLENDS, YARNS, FABRICS, AND GARMENTS FOR ARC AND FLAME PROTECTION
HT4960-JP-PCT	Japan	PCT Application	25 Jul 2013	2015-524434	12 May 2017	6140285	FIBER BLENDS, YARNS, FABRICS, AND GARMENTS FOR ARC AND FLAME PROTECTION
HT4960-KR-PCT	South Korea / Republic of Korea	PCT Application	25 Jul 2013	2015-7002052			FIBER BLENDS, YARNS, FABRICS, AND GARMENTS FOR ARC AND FLAME PROTECTION
HT4970-DE-EPT	Germany	Euro-PCT Application	05 Nov 2013	13826670.5	31 May 2017	602013021824.2	COMPOSITE SHEET AND CARGO CONTAINER COMPRISING SAME
HT4970-EP-EPT	European Procedure (Patents)	Euro-PCT Application	05 Nov 2013	13826670.5	31 May 2017	2925519	COMPOSITE SHEET AND CARGO CONTAINER COMPRISING SAME
HT4970-FR-EPT	France	Euro-PCT Application	05 Nov 2013	13826670.5	31 May 2017	2925519	COMPOSITE SHEET AND CARGO CONTAINER COMPRISING SAME
HT4970-GB-EPT	United Kingdom	Euro-PCT Application	05 Nov 2013	13826670.5	31 May 2017	2925519	COMPOSITE SHEET AND CARGO CONTAINER COMPRISING SAME
HT4970-US-NP	United States Of America	National Patent	05 Nov 2013	14/071988	29 Mar 2016	9296555	COMPOSITE SHEET AND CARGO CONTAINER COMPRISING SAME

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4971-DE-EPT	Germany	Euro-PCT Application	22 Jan 2014	14702427.7	23 Nov 2016	602014005034.4	COMPOSITE SHEET AND CARGO CONTAINER COMPRISING SAME
HT4971-EP-EPT	European Procedure (Patents)	Euro-PCT Application	22 Jan 2014	14702427.7	23 Nov 2016	2953789	COMPOSITE SHEET AND CARGO CONTAINER COMPRISING SAME
HT4971-FR-EPT	France	Euro-PCT Application	22 Jan 2014	14702427.7	23 Nov 2016	2953789	COMPOSITE SHEET AND CARGO CONTAINER COMPRISING SAME
HT4971-US-NP	United States Of America	National Patent	22 Jan 2014	14/160850	05 Apr 2016	9302845	COMPOSITE SHEET AND CARGO CONTAINER COMPRISING SAME
HT4972-CN-PCT	China	PCT Application	21 May 2015	201580027876.8			COMPOSITE SHEET AND CARGO CONTAINER COMPRISING SAME
HT4972-EP-EPT	European Procedure (Patents)	Euro-PCT Application	21 May 2015	15790704.9			COMPOSITE SHEET AND CARGO CONTAINER COMPRISING SAME
HT4972-JP-PCT	Japan	PCT Application	21 May 2015	2016-570045			COMPOSITE SHEET AND CARGO CONTAINER COMPRISING SAME
HT4972-US-NP	United States Of America	National Patent	27 May 2014	14/287691			COMPOSITE SHEET AND CARGO CONTAINER COMPRISING SAME
HT4974-US-NP	United States Of America	National Patent	23 Jul 2015	14/806995	12 Jun 2018	9993989	COMPOSITE SHEET AND CARGO CONTAINER COMPRISING SAME
HT4985-CN-PCT	China	PCT Application	24 Oct 2014	201480059735.X			PROTECTIVE GARMENT HAVING AN IMPROVED HOOD
HT4985-EP-EPT	European Procedure (Patents)	Euro-PCT Application	24 Oct 2014	14796628.7			PROTECTIVE GARMENT HAVING AN IMPROVED HOOD
HT4985-JP-PCT	Japan	PCT Application	24 Oct 2014	2016-527322			PROTECTIVE GARMENT HAVING AN IMPROVED HOOD
HT4985-KR-PCT	South Korea / Republic of Korea	PCT Application	24 Oct 2014	10-2016-7010039			PROTECTIVE GARMENT HAVING AN IMPROVED HOOD

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4985-US-NP	United States Of America	National Patent	24 Oct 2014	14/522631	13 Oct 2015	9155922	PROTECTIVE GARMENT HAVING AN IMPROVED HOOD
HT4990-CN-PCT	China	PCT Application	29 Sep 2015	201580054103.9			HONEYCOMB CORE HAVING A HIGH COMPRESSION STRENGTH
HT4990-EP-EPT	European Procedure (Patents)	Euro-PCT Application	29 Sep 2015	15781003.7			HONEYCOMB CORE HAVING A HIGH COMPRESSION STRENGTH
HT4990-JP-PCT	Japan	PCT Application	29 Sep 2015	2017-518128			HONEYCOMB CORE HAVING A HIGH COMPRESSION STRENGTH
HT4990-US-DIV	United States Of America	National Patent Divisional	29 Jan 2018	15/882410			HONEYCOMB CORE HAVING A HIGH COMPRESSION STRENGTH
HT4990-US-NP	United States Of America	National Patent	05 Aug 2015	14/818456	22 May 2018	9976258	HONEYCOMB CORE HAVING A HIGH COMPRESSION STRENGTH
HT4995-CN-PCT	China	PCT Application	16 Sep 2014	201480052378.4			SELF-SEALING FASTENER AND GARMENT
HT4995-DE-EPT	Germany	Euro-PCT Application	16 Sep 2014	14780688.9	22 Aug 2018	602014030946.1	SELF-SEALING FASTENER AND GARMENT
HT4995-EP-EPT	European Procedure (Patents)	Euro-PCT Application	16 Sep 2014	14780688.9	22 Aug 2018	3048916	SELF-SEALING FASTENER AND GARMENT
HT4995-FR-EPT	France	Euro-PCT Application	16 Sep 2014	14780688.9	22 Aug 2018	3048916	SELF-SEALING FASTENER AND GARMENT
HT4995-GB-EPT	United Kingdom	Euro-PCT Application	16 Sep 2014	14780688.9	22 Aug 2018	3048916	SELF-SEALING FASTENER AND GARMENT
HT4995-JP-PCT	Japan	PCT Application	16 Sep 2014	2016-516593			SELF-SEALING FASTENER AND GARMENT

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT4995-US-NP	United States Of America	National Patent	16 Sep 2014	14/487183	09 May 2017	9642420	SELF-SEALING FASTENER AND GARMENT
HT4996-CN-PCT	China	PCT Application	16 Sep 2014	201480052379.9			SELF-SEALING FASTENER AND GARMENT
HT4996-EP-EPT	European Procedure (Patents)	Euro-PCT Application	16 Sep 2014	14780690.5			SELF-SEALING FASTENER AND GARMENT
HT4996-JP-PCT	Japan	PCT Application	16 Sep 2014	2016-516594			SELF-SEALING FASTENER AND GARMENT
HT4996-US-NP	United States Of America	National Patent	16 Sep 2014	14/487191	13 Jun 2017	9675144	SELF-SEALING FASTENER AND GARMENT
HT5005-CN-PCT	China	PCT Application	04 Nov 2014	201480060362.8	12 Jun 2018	201480060362.8	HEAT RESISTANT OUTERSHELL FABRIC
HT5005-EP-EPT	European Procedure (Patents)	Euro-PCT Application	04 Nov 2014	14835596.9			HEAT RESISTANT OUTERSHELL FABRIC
HT5005-JP-PCT	Japan	PCT Application	04 Nov 2014	2016-552449			HEAT RESISTANT OUTERSHELL FABRIC
HT5005-US-NP	United States Of America	National Patent	31 Oct 2014	14/529257	15 Aug 2017	9732446	HEAT RESISTANT OUTERSHELL FABRIC
HT5025-CN-PCT	China	PCT Application	05 Jun 2015	201580032786.8			HIGH LIMITING OXYGEN INDEX ELECTRICAL INSULATION LAMINATES
HT5025-EP-EPT	European Procedure (Patents)	Euro-PCT Application	05 Jun 2015	15729716.9			HIGH LIMITING OXYGEN INDEX ELECTRICAL INSULATION LAMINATES
HT5025-JP-PCT	Japan	PCT Application	05 Jun 2015	2016-573900			HIGH LIMITING OXYGEN INDEX ELECTRICAL INSULATION LAMINATES
HT5025-US-NP	United States Of America	National Patent	01 Jun 2015	14/726725	19 Dec 2017	9844928	HIGH LIMITING OXYGEN INDEX ELECTRICAL INSULATION LAMINATES

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT5036-CN-PCT	China	PCT Application	21 Oct 2015	2015800570 11.6			FLAME RESISTANT THERMAL LINER, COMPOSITE FABRIC, AND GARMENT
HT5036-DE-EPT	Germany	Euro-PCT Application	21 Oct 2015	15858108.2	15 Aug 2018	60201501 4972.6	FLAME RESISTANT THERMAL LINER, COMPOSITE FABRIC, AND GARMENT
HT5036-EP-EPT	European Procedure (Patents)	Euro-PCT Application	21 Oct 2015	15858108.2	15 Aug 2018	3209494	FLAME RESISTANT THERMAL LINER, COMPOSITE FABRIC, AND GARMENT
HT5036-FR-EPT	France	Euro-PCT Application	21 Oct 2015	15858108.2	15 Aug 2018	3209494	FLAME RESISTANT THERMAL LINER, COMPOSITE FABRIC, AND GARMENT
HT5036-GB-EPT	United Kingdom	Euro-PCT Application	21 Oct 2015	15858108.2	15 Aug 2018	3209494	FLAME RESISTANT THERMAL LINER, COMPOSITE FABRIC, AND GARMENT
HT5036-JP-PCT	Japan	PCT Application	21 Oct 2015	2017-522058			FLAME RESISTANT THERMAL LINER, COMPOSITE FABRIC, AND GARMENT
HT5036-KR-PCT	South Korea / Republic of Korea	PCT Application	21 Oct 2015	10-2017-7013246			FLAME RESISTANT THERMAL LINER, COMPOSITE FABRIC, AND GARMENT

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT5036-US-NP	United States Of America	National Patent	06 Oct 2015	14/876165	13 Mar 2018	9913504	FLAME RESISTANT THERMAL LINER, COMPOSITE FABRIC, AND GARMENT
HT5040-CN-PCT	China	PCT Application	15 Jul 2016	2016800443 23.8			YARN FROM POLYMERS HAVING DIFFERENT DECOMPOSITION TEMPERATURES AND PROCESS FOR FORMING SAME
HT5040-EP-EPT	European Procedure (Patents)	Euro-PCT Application	15 Jul 2016	16742552.9			YARN FROM POLYMERS HAVING DIFFERENT DECOMPOSITION TEMPERATURES AND PROCESS FOR FORMING SAME
HT5040-JP-PCT	Japan	PCT Application	15 Jul 2016	2018-502723			YARN FROM POLYMERS HAVING DIFFERENT DECOMPOSITION TEMPERATURES AND PROCESS FOR FORMING SAME
HT5040-US-NP	United States Of America	National Patent	13 Jul 2016	15/209047			YARN FROM POLYMERS HAVING DIFFERENT DECOMPOSITION TEMPERATURES AND PROCESS FOR FORMING SAME
HT5075-CN-PCT	China	PCT Application	01 Feb 2016	2016800089 23.9			DISPOSABLE PROTECTIVE GARMENT
HT5075-EP-EPT	European Procedure (Patents)	Euro-PCT Application	01 Feb 2016	16706455.9			DISPOSABLE PROTECTIVE GARMENT
HT5075-JP-PCT	Japan	PCT Application	01 Feb 2016	2017-541084			DISPOSABLE PROTECTIVE GARMENT
HT5075-US-NP	United States Of America	National Patent	01 Feb 2016	15/011992			DISPOSABLE PROTECTIVE GARMENT

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT5080-US-CIP	United States Of America	Continuation-in-Part	09 Mar 2018	15/916847			COMPOSITE SHEET AND CARGO CONTAINER COMPRISING SAME
HT5080-US-NP	United States Of America	National Patent	18 Mar 2016	15/073970	24 Jul 2018	10029439	COMPOSITE SHEET AND CARGO CONTAINER COMPRISING SAME
HT5085-CN-PCT	China	PCT Application	04 May 2016	201680034392.0			METHOD OF WRAPPING MICA PAPER AROUND AN ELECTRICAL CONDUCTOR
HT5085-EP-EPT	European Procedure (Patents)	Euro-PCT Application	04 May 2016	16723001.0			METHOD OF WRAPPING MICA PAPER AROUND AN ELECTRICAL CONDUCTOR
HT5085-JP-PCT	Japan	PCT Application	04 May 2016	2017-564604			METHOD OF WRAPPING MICA PAPER AROUND AN ELECTRICAL CONDUCTOR
HT5085-KR-PCT	South Korea / Republic of Korea	PCT Application	04 May 2016	10-2017-7035345			METHOD OF WRAPPING MICA PAPER AROUND AN ELECTRICAL CONDUCTOR
HT5085-US-DIV	United States Of America	National Patent Divisional	22 Mar 2018	15/928420			METHOD OF WRAPPING MICA PAPER ON AN ELECTRICAL CONDUCTOR AND MICA PAPER TAPE SUITABLE FOR SAME
HT5085-US-NP	United States Of America	National Patent	04 May 2016	15/146077	15 May 2018	9972419	METHOD OF WRAPPING MICA PAPER ON AN ELECTRICAL CONDUCTOR AND MICA PAPER TAPE SUITABLE FOR SAME
HT5090-CN-PCT	China	PCT Application	29 Jun 2016	201680039004.8			CORONA-RESISTANT RESIN-COMPATIBLE LAMINATES
HT5090-EP-EPT	European Procedure (Patents)	Euro-PCT Application	29 Jun 2016	16741737.7			CORONA-RESISTANT RESIN-COMPATIBLE LAMINATES
HT5090-JP-PCT	Japan	PCT Application	29 Jun 2016	2017-567363			CORONA-RESISTANT RESIN-COMPATIBLE LAMINATES

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT5090-KR-PCT	South Korea / Republic of Korea	PCT Application	29 Jun 2016	10-2018-7002385			CORONA-RESISTANT RESIN-COMPATIBLE LAMINATES
HT5090-US-NP	United States Of America	National Patent	21 Jun 2016	15/188500			CORONA-RESISTANT RESIN-COMPATIBLE LAMINATES
HT5095-CN-UM	China	Utility Model	31 Jul 2015	201520570266.X	09 Mar 2016	201520570266.X	DRY-TYPE TRANSFORMER
HT5100-CN-UM	China	Utility Model	31 Jul 2015	201520573206.3	09 Mar 2016	201520573206.3	TRANSFORMER COIL AND DRY-TYPE TRANSFORMER
HT5115-CN-PCT	China	PCT Application	13 Jan 2016	201680078859.1			IMPROVED THERMAL PROTECTIVE GARMENT
HT5120-CN-PCT	China	PCT Application	01 May 2017	PCT/US2017/030348			RESIN-COMPATIBLE LAMINATE STRUCTURES
HT5120-EP-EPT	European Procedure (Patents)	Euro-PCT Application	01 May 2017	17723582.7			RESIN-COMPATIBLE LAMINATE STRUCTURES
HT5120-JP-PCT	Japan	PCT Application	01 May 2017	PCT/US2017/030348			RESIN-COMPATIBLE LAMINATE STRUCTURES
HT5120-KR-PCT	South Korea / Republic of Korea	PCT Application	01 May 2017	10-2018-7030225			RESIN-COMPATIBLE LAMINATE STRUCTURES
HT5120-US-NP	United States Of America	National Patent	18 Apr 2017	15/490141			RESIN-COMPATIBLE LAMINATE STRUCTURES
HT5120-WO-PCT	International Procedure	PCT Application	01 May 2017	PCT/US2017/030348			RESIN-COMPATIBLE LAMINATE STRUCTURES
HT5125-CN-NP	China	National Patent	29 Feb 2016	201610110812.0			TEXTILE COMPLEXES FOR THERMAL PROTECTIVE ARTICLES
HT5130-WO-PCT	International Procedure	PCT Application	28 Jul 2016	PCT/CN2016/092000			FLEXIBLE LIGHTWEIGHT FIRE BARRIER

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT5135-BR-PCT	Brazil	PCT Application	22 Mar 2017	1120180150436			FLAME AND PARTICULATE RESISTANT KNIT ARTICLE
HT5135-CA-PCT	Canada	PCT Application	22 Mar 2017	3012685			FLAME AND PARTICULATE RESISTANT KNIT ARTICLE
HT5135-CN-PCT	China	PCT Application	22 Mar 2017	201780021016.2			FLAME AND PARTICULATE RESISTANT KNIT ARTICLE
HT5135-EP-EPT	European Procedure (Patents)	Euro-PCT Application	22 Mar 2017	17715010.9			FLAME AND PARTICULATE RESISTANT KNIT ARTICLE
HT5135-JP-PCT	Japan	PCT Application	22 Mar 2017	2018-551835			FLAME AND PARTICULATE RESISTANT KNIT ARTICLE
HT5135-KR-PCT	South Korea / Republic of Korea	PCT Application	22 Mar 2017	10-2018-7025943			FLAME AND PARTICULATE RESISTANT KNIT ARTICLE
HT5135-US-NP	United States Of America	National Patent	10 Mar 2017	15/455730			FLAME AND PARTICULATE RESISTANT KNIT ARTICLE
HT5140-CN-NP	China	National Patent	13 Jun 2016	201610418180.4			TEXTILE COMPLEXES FOR THERMAL PROTECTIVE ARTICLES
HT5150-US-NP	United States Of America	National Patent	17 Nov 2016	15/354152	24 Oct 2017	9797070	INTIMATE BLENDS OF CARBON-CONTAINING AND DYEABLE FIBERS
HT5150-WO-PCT	International Procedure	PCT Application	11 Aug 2017	PCT/US17/46555			INTIMATE BLENDS OF CARBON-CONTAINING AND DYEABLE FIBERS
HT5160-US-NP	United States Of America	National Patent	17 Nov 2016	15/354208	21 Mar 2017	9598797	CARBON-CONTAINING ARC-RESISTANT ARAMID FABRICS FROM DISSIMILAR YARNS

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT5160-WO-PCT	International Procedure	PCT Application	09 Feb 2017	PCT/US17/17174			CARBON-CONTAINING ARC-RESISTANT ARAMID FABRICS FROM DISSIMILAR YARNS
HT5165-US-NP	United States Of America	National Patent	04 Aug 2017	15/669058			CARBON-CONTAINING FIBER BLENDS INCLUDING ARAMID AND MODACRYLIC FIBER
HT5165-WO-PCT	International Procedure	PCT Application	11 Aug 2017	PCT/US17/46567			CARBON-CONTAINING FIBER BLENDS INCLUDING ARAMID AND MODACRYLIC FIBER
HT5170-US-NP	United States Of America	National Patent	04 Aug 2017	15/669075			LIGHTWEIGHT FABRICS CONTAINING CARBON-CONTAINING ARAMID FIBER BLEND INCLUDING MODACRYLIC FIBER
HT5170-WO-PCT	International Procedure	PCT Application	11 Aug 2017	PCT/US2017/046576			LIGHTWEIGHT FABRICS CONTAINING CARBON-CONTAINING ARAMID FIBER BLEND INCLUDING MODACRYLIC FIBER
HT5175-US-NP	United States Of America	National Patent	04 Aug 2017	15/669089			CARBON-CONTAINING ARAMID BICOMPONENT FILAMENT YARNS
HT5175-WO-PCT	International Procedure	PCT Application	11 Aug 2017	PCT/US17/46586			CARBON-CONTAINING ARAMID BICOMPONENT FILAMENT YARNS
HT5180-US-NP	United States Of America	National Patent	04 Aug 2017	15/669102			CARBON-CONTAINING MODACRYLIC & ARAMID BICOMPONENT FILAMENT YARNS
HT5180-WO-PCT	International Procedure	PCT Application	11 Aug 2017	PCT/US17/46594			CARBON-CONTAINING MODACRYLIC & ARAMID BICOMPONENT FILAMENT YARNS
HT5230-CN-NP	China	National Patent	15 Mar 2018	201810216712.5			HONEYCOMB SANDWICH COMPOSITE MADE BY LIQUID MOLDING PROCESS

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT5230-CN-UM	China	Utility Model	15 Mar 2018	2018203564 61.6			HONEYCOMB SANDWICH COMPOSITE MADE BY LIQUID MOLDING PROCESS
HT5230-US-NP	United States Of America	National Patent	14 Sep 2018	16/131719			A COMPOSITE LAMINATE HAVING A HONEYCOMB CORE, AND METHOD FOR THE MANUFACTURE THEREOF
HT5230-WO-PCT	International Procedure	PCT Application	14 Sep 2018	PCT/US18/5 1124			A COMPOSITE LAMINATE HAVING A HONEYCOMB CORE, AND METHOD FOR THE MANUFACTURE THEREOF
HT5240-US-PSP	United States Of America	Provisional Application	08 Feb 2019	62/802916			FIRE-RETARDANT INSULATION SUITABLE FOR BATTERY CELLS
KB3640-US-NP	United States Of America	National Patent	18 Nov 1991	07/816265			SECRECY ORDER ISSUED
KB4125-EP-EPT	European Procedure (Patents)	Euro-PCT Application	06 Oct 1999	99953072.8	18 Aug 2004	1123429	GRAFTED POLY (P-PHENYLENE TEREPHTHALAMIDE) FIBERS
KB4125-JP-PCT	Japan	PCT Application	06 Oct 1999	576093/00	03 Jul 2009	4334145	GRAFTED POLY (P-PHENYLENE TEREPHTHALAMIDE) FIBERS
KB4125-KR-PCT	South Korea / Republic of Korea	PCT Application	06 Oct 1999	10-2001-7004443	07 Feb 2006	0552033	GRAFTED POLY (P-PHENYLENE TEREPHTHALAMIDE) FIBERS
KB4125-NL-EPT	Netherlands	Euro-PCT Application	06 Oct 1999	99953072.8	18 Aug 2004	1123429	GRAFTED POLY (P-PHENYLENE TEREPHTHALAMIDE) FIBERS

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
KB4135-EP-EPT	European Procedure (Patents)	Euro-PCT Application	27 Nov 2001	01990737.7	02 Jan 2008	1352128	TWO-COMPONENT PULP REINFORCEMENT
KB4295-EP-EPT[1]	European Procedure (Patents)	Euro-PCT Application	10 Aug 1999	99942041.7	23 Nov 2011	1141649	HYBRID PROTECTIVE COMPOSITE
KB4295-EP-ETD	European Procedure (Patents)	Euro-PCT Application Divisional	14 Oct 2004	04024471.7	05 Nov 2008	1496331	HYBRID PROTECTIVE COMPOSITE
KB4355-US-NP	United States Of America	National Patent	16 Jun 2000	09/595737	03 Jul 2001	6254988	COMFORTABLE CUT-ABRASION RESISTANT FIBER COMPOSITION
KB4360-CA-PCT	Canada	PCT Application	06 Dec 2000	2390915	24 Jul 2007	2390915	KNIFE-STAB-RESISTANT COMPOSITE
KB4360-DE-EPT	Germany	Euro-PCT Application	06 Dec 2000	00982443.4	15 Sep 2004	60013906.9	KNIFE-STAB-RESISTANT COMPOSITE
KB4360-EP-EPT	European Procedure (Patents)	Euro-PCT Application	06 Dec 2000	00982443.4	15 Sep 2004	1246546	KNIFE-STAB-RESISTANT COMPOSITE
KB4360-FR-EPT	France	Euro-PCT Application	06 Dec 2000	00982443.4	15 Sep 2004	1246546	KNIFE-STAB-RESISTANT COMPOSITE
KB4360-US-NP	United States Of America	National Patent	14 Jan 2000	09/483546	18 Mar 2003	6534426	KNIFE-STAB-RESISTANT COMPOSITE
KB4365-AU-PCT	Australia	PCT Application	06 Jun 2001	2001275348	19 Aug 2004	2001275348	CUT RESISTANT FABRIC
KB4365-BR-PCT	Brazil	PCT Application	06 Jun 2001	PI0111634.7	10 Jan 2012	PI0111634.7	CUT RESISTANT FABRIC
KB4365-CA-PCT	Canada	PCT Application	06 Jun 2001	2407921	13 Jan 2009	2407921	CUT RESISTANT FABRIC
KB4365-DE-EPT	Germany	Euro-PCT Application	06 Jun 2001	01942052.0	01 Jun 2011	60144730.1	CUT RESISTANT FABRIC

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
KB4365-EP-EPT	European Procedure (Patents)	Euro-PCT Application	06 Jun 2001	01942052.0	01 Jun 2011	1305462	CUT RESISTANT FABRIC
KB4365-FR-EPT	France	Euro-PCT Application	06 Jun 2001	01942052.0	01 Jun 2011	1305462	CUT RESISTANT FABRIC
KB4365-GB-EPT	United Kingdom	Euro-PCT Application	06 Jun 2001	01942052.0	01 Jun 2011	1305462	CUT RESISTANT FABRIC
KB4365-JP-PCT	Japan	PCT Application	06 Jun 2001	504714/02	24 Dec 2010	4653929	CUT RESISTANT FABRIC
KB4365-KR-PCT	South Korea / Republic of Korea	PCT Application	06 Jun 2001	10-2002-7017115	11 Sep 2007	759678	CUT RESISTANT FABRIC
KB4365-US-NP	United States Of America	National Patent	16 Jun 2000	09/595314	18 Mar 2003	6534175	CUT RESISTANT FABRIC
KB4380-CA-PCT	Canada	PCT Application	06 Jun 2001	2409761	19 Aug 2008	2409761	KNIFE-STAB-RESISTANT BALLISTIC ARTICLE
KB4380-DE-EPT	Germany	Euro-PCT Application	06 Jun 2001	01946142.5	01 Mar 2006	60117546.8	KNIFE-STAB-RESISTANT BALLISTIC ARTICLE
KB4380-EP-EPT	European Procedure (Patents)	Euro-PCT Application	06 Jun 2001	01946142.5	01 Mar 2006	1290396	KNIFE-STAB-RESISTANT BALLISTIC ARTICLE
KB4380-FR-EPT	France	Euro-PCT Application	06 Jun 2001	01946142.5	01 Mar 2006	1290396	KNIFE-STAB-RESISTANT BALLISTIC ARTICLE
KB4380-US-NP	United States Of America	National Patent	13 Jun 2000	09/592200	05 Nov 2002	6475936	KNIFE-STAB-RESISTANT BALLISTIC ARTICLE
KB4390-US-NP	United States Of America	National Patent	04 Oct 2000	09/679235	23 Jul 2002	6422118	BRAIDED CORD SPLICE
KB4410-US-NP	United States Of America	National Patent	22 Dec 2000	09/747675	05 Aug 2003	6602600	YARN AND FABRIC HAVING IMPROVED ABRASION RESISTANCE

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
KB4415-CA-PCT	Canada	PCT Application	27 Mar 2002	2442617	02 Jun 2009	2442617	BALLISTIC RESISTANT ARTICLE
KB4415-DE-EPT	Germany	Euro-PCT Application	27 Mar 2002	02715235.4	14 Jun 2006	60212358.5	BALLISTIC RESISTANT ARTICLE
KB4415-EP-EPT	European Procedure (Patents)	Euro-PCT Application	27 Mar 2002	02715235.4	01 Mar 2007	1377790	BALLISTIC RESISTANT ARTICLE
KB4415-FR-EPT	France	Euro-PCT Application	27 Mar 2002	02715235.4	14 Jun 2006	1377790	BALLISTIC RESISTANT ARTICLE
KB4415-US-NP	United States Of America	National Patent	12 Apr 2001	09/833454	26 Aug 2003	6610617	BALLISTIC RESISTANT ARTICLE
KB4445-US-NP	United States Of America	National Patent	26 Oct 2001	10/047575	28 Oct 2003	6637085	PROCESS FOR RECYCLING ARTICLES CONTAINING HIGH-PERFORMANCE FIBER
KB4450-US-NP	United States Of America	National Patent	26 Oct 2001	10/044269	23 Dec 2003	6666235	LIGHTWEIGHT DENIM FABRIC CONTAINING HIGH STRENGTH FIBERS, PROCESS FOR MAKING THE SAME AND CLOTHING FORMED THEREFROM
KB4460-US-NP	United States Of America	National Patent	21 Sep 2001	09/960039	30 Dec 2003	6669741	PROCESS FOR RESTORING THE NATURAL APPEARANCE OF PARA-ARAMID CLOTHING
KB4485-BR-PCT	Brazil	PCT Application	20 Aug 2002	PI0212591.9	11 Dec 2012	PI0212591.9	CUT RESISTANT YARNS AND PROCESS FOR MAKING THE SAME, FABRIC AND GLOVE
KB4485-CN-PCT	China	PCT Application	20 Aug 2002	02816318.4	26 Nov 2008	02816318.4	CUT RESISTANT YARNS AND PROCESS FOR MAKING THE SAME, FABRIC AND GLOVE

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
KB4485-DE-EPT	Germany	Euro-PCT Application	20 Aug 2002	02750489.3	22 Mar 2006	60210094.1	CUT RESISTANT YARNS AND PROCESS FOR MAKING THE SAME, FABRIC AND GLOVE
KB4485-EP-EPT	European Procedure (Patents)	Euro-PCT Application	20 Aug 2002	02750489.3	22 Mar 2006	1419293	CUT RESISTANT YARNS AND PROCESS FOR MAKING THE SAME, FABRIC AND GLOVE
KB4485-FR-EPT	France	Euro-PCT Application	20 Aug 2002	02750489.3	22 Mar 2006	1419293	CUT RESISTANT YARNS AND PROCESS FOR MAKING THE SAME, FABRIC AND GLOVE
KB4485-GB-EPT	United Kingdom	Euro-PCT Application	20 Aug 2002	02750489.3	22 Mar 2006	1419293	CUT RESISTANT YARNS AND PROCESS FOR MAKING THE SAME, FABRIC AND GLOVE
KB4485-JP-PCT	Japan	PCT Application	20 Aug 2002	520884/03	04 Dec 2009	4416502	CUT RESISTANT YARNS AND PROCESS FOR MAKING THE SAME, FABRIC AND GLOVE
KB4485-KR-PCT	South Korea / Republic of Korea	PCT Application	20 Aug 2002	10-2004-7002465	10 Dec 2008	0874570	CUT RESISTANT YARNS AND PROCESS FOR MAKING THE SAME, FABRIC AND GLOVE
KB4485-MX-PCT	Mexico	PCT Application	20 Aug 2002	04/001625	24 Sep 2007	249312	CUT RESISTANT YARNS AND PROCESS FOR MAKING THE SAME, FABRIC AND GLOVE
KB4485-US-DIV	United States Of America	National Patent Divisional	29 Oct 2003	10/696091	19 Apr 2005	6880319	CUT RESISTANT YARNS AND PROCESS FOR MAKING THE SAME, FABRIC AND GLOVE
KB4485-US-DIV[1]	United States Of America	National Patent Divisional	07 May 2004	10/840806	19 Jul 2005	6918241	CUT RESISTANT YARNS AND PROCESS FOR MAKING THE SAME, FABRIC AND GLOVE
KB4485-US-NP	United States Of America	National Patent	21 Aug 2001	09/933694	24 Feb 2004	6694719	CUT RESISTANT YARNS AND PROCESS FOR MAKING THE SAME, FABRIC AND GLOVE
KB4530-CA-PCT	Canada	PCT Application	18 Dec 2002	2470614	09 Feb 2010	2470614	MULTIPLE THREAT PENETRATION RESISTANT ARTICLES

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
KB4530-CN-PCT	China	PCT Application	18 Dec 2002	02825562.3	20 Dec 2006	299255	MULTIPLE THREAT PENETRATION RESISTANT ARTICLES
KB4530-DE-EPT	Germany	Euro-PCT Application	18 Dec 2002	02790142.0	12 Jul 2006	60213127.8	MULTIPLE THREAT PENETRATION RESISTANT ARTICLES
KB4530-EP-EPT	European Procedure (Patents)	Euro-PCT Application	18 Dec 2002	02790142.0	12 Jul 2006	1456016	MULTIPLE THREAT PENETRATION RESISTANT ARTICLES
KB4530-FR-EPT	France	Euro-PCT Application	18 Dec 2002	02790142.0	12 Jul 2006	1456016	MULTIPLE THREAT PENETRATION RESISTANT ARTICLES
KB4530-MX-PCT	Mexico	PCT Application	18 Dec 2002	PA/A/2004/05882	17 Sep 2007	249067	MULTIPLE THREAT PENETRATION RESISTANT ARTICLES
KB4530-US-NP	United States Of America	National Patent	19 Dec 2001	10/025124	18 May 2004	6737368	MULTIPLE THREAT PENETRATION RESISTANT ARTICLES
KB4596-JP-PCT	Japan	PCT Application	03 Jun 2003	511590/04			FIRE-RETARDANT FABRIC WITH IMPROVED TEAR, CUT, AND ABRASION RESISTANCE
KB4605-BR-PCT	Brazil	PCT Application	01 Oct 2003	PI0314483.6	17 Sep 2013	PI0314483.6	PLY-TWISTED YARN FOR CUT RESISTANT FABRICS
KB4605-CN-PCT	China	PCT Application	01 Oct 2003	200380100922.X	16 Jun 2010	200380100922.X	PLY-TWISTED YARN FOR CUT RESISTANT FABRICS
KB4605-DE-EPT	Germany	Euro-PCT Application	01 Oct 2003	03759734.1	11 Aug 2010	60333767.8	PLY-TWISTED YARN FOR CUT RESISTANT FABRICS
KB4605-EP-EPT	European Procedure (Patents)	Euro-PCT Application	01 Oct 2003	03759734.1	11 Aug 2010	1546442	PLY-TWISTED YARN FOR CUT RESISTANT FABRICS
KB4605-FR-EPT	France	Euro-PCT Application	01 Oct 2003	03759734.1	11 Aug 2010	1546442	PLY-TWISTED YARN FOR CUT RESISTANT FABRICS
KB4605-GB-EPT	United Kingdom	Euro-PCT Application	01 Oct 2003	03759734.1	11 Aug 2010	1546442	PLY-TWISTED YARN FOR CUT RESISTANT FABRICS

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
KB4605-JP-PCT	Japan	PCT Application	01 Oct 2003	541697/04	24 Sep 2010	4594095	PLY-TWISTED YARN FOR CUT RESISTANT FABRICS
KB4605-KR-PCT	South Korea / Republic of Korea	PCT Application	01 Oct 2003	10-2005-7005675	04 Nov 2011	1082222	PLY-TWISTED YARN FOR CUT RESISTANT FABRICS
KB4605-MX-PCT	Mexico	PCT Application	01 Oct 2003	PA/A/2005/03384	17 Dec 2008	263279	PLY-TWISTED YARN FOR CUT RESISTANT FABRICS
KB4605-US-NP	United States Of America	National Patent	03 Oct 2002	10/264006	31 Oct 2006	7127879	PLY-TWISTED YARN FOR CUT RESISTANT FABRICS
KB4615-CA-PCT	Canada	PCT Application	26 Aug 2003	2496529	12 Apr 2011	2496529	PENETRATION RESISTANT LIFE PROTECTION ARTICLES
KB4615-CN-PCT	China	PCT Application	26 Aug 2003	03820607.2	19 Jun 2013	03820607.2	PENETRATION RESISTANT LIFE PROTECTION ARTICLES
KB4615-DE-EPT	Germany	Euro-PCT Application	26 Aug 2003	03793420.5	06 Jun 2007	60314264.8	PENETRATION RESISTANT LIFE PROTECTION ARTICLES
KB4615-EP-EPT	European Procedure (Patents)	Euro-PCT Application	26 Aug 2003	03793420.5	06 Jun 2007	1540057	PENETRATION RESISTANT LIFE PROTECTION ARTICLES
KB4615-FR-EPT	France	Euro-PCT Application	26 Aug 2003	03793420.5	06 Jun 2007	1540057	PENETRATION RESISTANT LIFE PROTECTION ARTICLES
KB4615-JP-PCT	Japan	PCT Application	26 Aug 2003	521232/04	14 May 2010	4511932	PENETRATION RESISTANT LIFE PROTECTION ARTICLES
KB4615-US-NP	United States Of America	National Patent	23 Jul 2003	10/625586	10 Jul 2007	7241709	PENETRATION RESISTANT LIFE PROTECTION ARTICLES
KB4635-US-NP	United States Of America	National Patent	30 Jan 2003	10/354378	25 Apr 2006	7032371	SYNTHETIC FIBER ROPE FOR AN ELEVATOR
KB4645-BR-PCT	Brazil	PCT Application	28 Oct 2004	PI0415780.0	28 Jul 2015	PI0415780-0	PLY-TWISTED YARNS AND FABRIC HAVING BOTH CUT-RESISTANCE AND ELASTIC RECOVERY AND PROCESSES FOR MAKING SAME

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
KB4645-CA-PCT	Canada	PCT Application	28 Oct 2004	2541863	03 Jan 2012	2541863	PLY-TWISTED YARNS AND FABRIC HAVING BOTH CUT-RESISTANCE AND ELASTIC RECOVERY AND PROCESSES FOR MAKING SAME
KB4645-CN-PCT	China	PCT Application	28 Oct 2004	2004800321 18.7	02 Jan 2013	20048003 2118.7	PLY-TWISTED YARNS AND FABRIC HAVING BOTH CUT-RESISTANCE AND ELASTIC RECOVERY AND PROCESSES FOR MAKING SAME
KB4645-DE-EPT	Germany	Euro-PCT Application	28 Oct 2004	04796764.1	16 Jan 2008	60200401 1379.4	PLY-TWISTED YARNS AND FABRIC HAVING BOTH CUT-RESISTANCE AND ELASTIC RECOVERY AND PROCESSES FOR MAKING SAME
KB4645-EP-EPT	European Procedure (Patents)	Euro-PCT Application	28 Oct 2004	04796764.1	16 Jan 2008	1678356	PLY-TWISTED YARNS AND FABRIC HAVING BOTH CUT-RESISTANCE AND ELASTIC RECOVERY AND PROCESSES FOR MAKING SAME
KB4645-FR-EPT	France	Euro-PCT Application	28 Oct 2004	04796764.1	16 Jan 2008	1678356	PLY-TWISTED YARNS AND FABRIC HAVING BOTH CUT-RESISTANCE AND ELASTIC RECOVERY AND PROCESSES FOR MAKING SAME
KB4645-GB-EPT	United Kingdom	Euro-PCT Application	28 Oct 2004	04796764.1	16 Jan 2008	1678356	PLY-TWISTED YARNS AND FABRIC HAVING BOTH CUT-RESISTANCE AND ELASTIC RECOVERY AND PROCESSES FOR MAKING SAME
KB4645-JP-PCT	Japan	PCT Application	28 Oct 2004	538313/06	28 May 2010	4519139	PLY-TWISTED YARNS AND FABRIC HAVING BOTH CUT-RESISTANCE AND ELASTIC RECOVERY AND PROCESSES FOR MAKING SAME

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
KB4645-KR-PCT	South Korea / Republic of Korea	PCT Application	28 Oct 2004	10-2006-7008252	04 Jan 2012	1105105	PLY-TWISTED YARNS AND FABRIC HAVING BOTH CUT-RESISTANCE AND ELASTIC RECOVERY AND PROCESSES FOR MAKING SAME
KB4645-MX-PCT	Mexico	PCT Application	28 Oct 2004	PA/A/2006/04644	20 Jun 2008	258071	PLY-TWISTED YARNS AND FABRIC HAVING BOTH CUT-RESISTANCE AND ELASTIC RECOVERY AND PROCESSES FOR MAKING SAME
KB4645-US-NP	United States Of America	National Patent	29 Oct 2003	10/696059	11 Oct 2005	6952915	PLY-TWISTED YARNS AND FABRIC HAVING BOTH CUT-RESISTANCE AND ELASTIC RECOVERY AND PROCESSES FOR MAKING SAME
KB4660-CA-PCT	Canada	PCT Application	30 Apr 2004	2522746	23 Mar 2010	2522746	POLYMER PRECURSOR DISPERSION CONTAINING A MICROPULP AND METHOD OF MAKING THE DISPERSION
KB4660-CN-PCT	China	PCT Application	30 Apr 2004	200480011906.8	02 Mar 2011	200480011906.8	POLYMER PRECURSOR DISPERSION CONTAINING A MICROPULP AND METHOD OF MAKING THE DISPERSION
KB4660-DE-EPT	Germany	Euro-PCT Application	30 Apr 2004	04751343.7	15 Nov 2006	602004003232.8	POLYMER PRECURSOR DISPERSION CONTAINING A MICROPULP AND METHOD OF MAKING THE DISPERSION
KB4660-EP-EPT	European Procedure (Patents)	Euro-PCT Application	30 Apr 2004	04751343.7	15 Nov 2006	1620508	POLYMER PRECURSOR DISPERSION CONTAINING A MICROPULP AND METHOD OF MAKING THE DISPERSION

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
KB4660-FR-EPT	France	Euro-PCT Application	30 Apr 2004	04751343.7	15 Nov 2006	1620508	POLYMER PRECURSOR DISPERSION CONTAINING A MICROPULP AND METHOD OF MAKING THE DISPERSION
KB4660-GB-EPT	United Kingdom	Euro-PCT Application	30 Apr 2004	04751343.7	15 Nov 2006	1620508	POLYMER PRECURSOR DISPERSION CONTAINING A MICROPULP AND METHOD OF MAKING THE DISPERSION
KB4660-IT-EPT	Italy	Euro-PCT Application	30 Apr 2004	04751343.7	15 Nov 2006	1620508	POLYMER PRECURSOR DISPERSION CONTAINING A MICROPULP AND METHOD OF MAKING THE DISPERSION
KB4660-JP-PCT	Japan	PCT Application	30 Apr 2004	514290/06	29 Mar 2013	5230936	POLYMER PRECURSOR DISPERSION CONTAINING A MICROPULP AND METHOD OF MAKING THE DISPERSION
KB4660-KR-PCT	South Korea / Republic of Korea	PCT Application	30 Apr 2004	10-2005-7020700	18 Oct 2010	0989702	POLYMER PRECURSOR DISPERSION CONTAINING A MICROPULP AND METHOD OF MAKING THE DISPERSION
KB4660-MX-PCT	Mexico	PCT Application	30 Apr 2004	PA/A/2005/011668	28 Jan 2008	253875	POLYMER PRECURSOR DISPERSION CONTAINING A MICROPULP AND METHOD OF MAKING THE DISPERSION
KB4660-NL-EPT	Netherlands	Euro-PCT Application	30 Apr 2004	04751343.7	15 Nov 2006	1620508	POLYMER PRECURSOR DISPERSION CONTAINING A MICROPULP AND METHOD OF MAKING THE DISPERSION

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
KB4660-US-DIV	United States Of America	National Patent Divisional	13 Dec 2005	11/301931	20 Nov 2007	7297739	POLYMER PRECURSOR DISPERSION CONTAINING A MICROPULP AND METHOD OF MAKING THE DISPERSION
KB4660-US-NP	United States Of America	National Patent	02 May 2003	10/428294	21 Mar 2006	7015274	POLYMER PRECURSOR DISPERSION CONTAINING A MICROPULP AND METHOD OF MAKING THE DISPERSION
KB4665-CA-PCT	Canada	PCT Application	01 Jul 2004	2526906	20 Mar 2012	2526906	FLEXIBLE SPIKE/BALLISTIC PENETRATION-RESISTANT ARTICLES
KB4665-DE-EPT	Germany	Euro-PCT Application	01 Jul 2004	04817713.3	07 Oct 2015	602004048039.8	FLEXIBLE SPIKE/BALLISTIC PENETRATION-RESISTANT ARTICLES
KB4665-EP-EPT	European Procedure (Patents)	Euro-PCT Application	01 Jul 2004	04817713.3	07 Oct 2015	1639166	FLEXIBLE SPIKE/BALLISTIC PENETRATION-RESISTANT ARTICLES
KB4665-FR-EPT	France	Euro-PCT Application	01 Jul 2004	04817713.3	07 Oct 2015	1639166	FLEXIBLE SPIKE/BALLISTIC PENETRATION-RESISTANT ARTICLES
KB4665-JP-PCT	Japan	PCT Application	01 Jul 2004	517856/06	27 Aug 2010	4576379	FLEXIBLE SPIKE/BALLISTIC PENETRATION-RESISTANT ARTICLES
KB4665-US-NP	United States Of America	National Patent	01 Jul 2003	10/610674	11 Mar 2008	7340779	FLEXIBLE SPIKE/BALLISTIC PENETRATION-RESISTANT ARTICLES
KB4675-BR-PCT	Brazil	PCT Application	23 Jun 2004	PI0411676.3	21 Jan 2015	PI0411676-3	CUT RESISTANT, WICKING AND THERMOREGULATING FABRIC AND ARTICLES MADE THEREFROM

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
KB4675-CA-PCT	Canada	PCT Application	23 Jun 2004	2524144	28 Aug 2012	2524144	CUT RESISTANT, WICKING AND THERMOREGULATING FABRIC AND ARTICLES MADE THEREFROM
KB4675-CN-PCT	China	PCT Application	23 Jun 2004	200480016969.2	09 Jul 2008	409629	CUT RESISTANT, WICKING AND THERMOREGULATING FABRIC AND ARTICLES MADE THEREFROM
KB4675-DE-EPT	Germany	Euro-PCT Application	23 Jun 2004	04777106.8	03 Jan 2007	602004004127.0	CUT RESISTANT, WICKING AND THERMOREGULATING FABRIC AND ARTICLES MADE THEREFROM
KB4675-EP-EPT	European Procedure (Patents)	Euro-PCT Application	23 Jun 2004	04777106.8	03 Jan 2007	1635663	CUT RESISTANT, WICKING AND THERMOREGULATING FABRIC AND ARTICLES MADE THEREFROM
KB4675-FR-EPT	France	Euro-PCT Application	23 Jun 2004	04777106.8	03 Jan 2007	1635663	CUT RESISTANT, WICKING AND THERMOREGULATING FABRIC AND ARTICLES MADE THEREFROM
KB4675-GB-EPT	United Kingdom	Euro-PCT Application	23 Jun 2004	04777106.8	03 Jan 2007	1635663	CUT RESISTANT, WICKING AND THERMOREGULATING FABRIC AND ARTICLES MADE THEREFROM
KB4675-JP-PCT	Japan	PCT Application	23 Jun 2004	517671/06	27 May 2011	4750025	CUT RESISTANT, WICKING AND THERMOREGULATING FABRIC AND ARTICLES MADE THEREFROM
KB4675-KR-PCT	South Korea / Republic of Korea	PCT Application	23 Jun 2004	10-2005-7024737	26 Apr 2011	1032857	CUT RESISTANT, WICKING AND THERMOREGULATING FABRIC AND ARTICLES MADE THEREFROM

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
KB4675-US-NP	United States Of America	National Patent	25 Jun 2003	10/603467	05 Apr 2005	6874336	CUT RESISTANT, WICKING AND THERMOREGULATING FABRIC AND ARTICLES MADE THEREFROM
KB4695-CA-PCT	Canada	PCT Application	20 Jul 2005	2571384	02 Oct 2012	2571384	POLYBENZAZOLE FIBERS AND PROCESSES FOR THEIR PREPARATION
KB4695-CN-PCT	China	PCT Application	20 Jul 2005	200580024811.4	16 Sep 2009	200580024811.4	POLYBENZAZOLE FIBERS AND PROCESSES FOR THEIR PREPARATION
KB4695-DE-EPT	Germany	Euro-PCT Application	20 Jul 2005	05774755.2	29 Feb 2012	602005032915.3	POLYBENZAZOLE FIBERS AND PROCESSES FOR THEIR PREPARATION
KB4695-EP-EPT	European Procedure (Patents)	Euro-PCT Application	20 Jul 2005	05774755.2	29 Feb 2012	1769109	POLYBENZAZOLE FIBERS AND PROCESSES FOR THEIR PREPARATION
KB4695-FR-EPT	France	Euro-PCT Application	20 Jul 2005	05774755.2	29 Feb 2012	1769109	POLYBENZAZOLE FIBERS AND PROCESSES FOR THEIR PREPARATION
KB4695-GB-EPT	United Kingdom	Euro-PCT Application	20 Jul 2005	05774755.2	29 Feb 2012	1769109	POLYBENZAZOLE FIBERS AND PROCESSES FOR THEIR PREPARATION
KB4695-IT-EPT	Italy	Euro-PCT Application	20 Jul 2005	05774755.2	29 Feb 2012	1769109	POLYBENZAZOLE FIBERS AND PROCESSES FOR THEIR PREPARATION
KB4695-JP-PCT	Japan	PCT Application	20 Jul 2005	522690/07	04 Mar 2011	4695644	POLYBENZAZOLE FIBERS AND PROCESSES FOR THEIR PREPARATION
KB4695-KR-PCT	South Korea / Republic of Korea	PCT Application	20 Jul 2005	10-2007-7001359	29 Apr 2013	1261067	POLYBENZAZOLE FIBERS AND PROCESSES FOR THEIR PREPARATION

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
KB4695-MX-PCT	Mexico	PCT Application	20 Jul 2005	MX/A/2007/000642	17 Dec 2009	272928	POLYBENZAZOLE FIBERS AND PROCESSES FOR THEIR PREPARATION
KB4695-NL-EPT	Netherlands	Euro-PCT Application	20 Jul 2005	05774755.2	29 Feb 2012	1769109	POLYBENZAZOLE FIBERS AND PROCESSES FOR THEIR PREPARATION
KB4695-US-NP	United States Of America	National Patent	22 Jul 2004	10/896790	13 Mar 2007	7189346	POLYBENZAZOLE FIBERS AND PROCESSES FOR THEIR PREPARATION
KB4710-CA-PCT	Canada	PCT Application	16 Jun 2005	2568016	19 Mar 2013	2568016	ACRYLIC AND PARA-ARAMID PULP AND PROCESSES OF MAKING SAME
KB4710-CN-PCT	China	PCT Application	16 Jun 2005	200580020861.5	12 May 2010	200580020861.5	ACRYLIC AND PARA-ARAMID PULP AND PROCESSES OF MAKING SAME
KB4710-DE-EPT	Germany	Euro-PCT Application	16 Jun 2005	05766040.9	15 Apr 2009	602005013966.4	ACRYLIC AND PARA-ARAMID PULP AND PROCESSES OF MAKING SAME
KB4710-EP-EPT	European Procedure (Patents)	Euro-PCT Application	16 Jun 2005	05766040.9	15 Apr 2009	1774095	ACRYLIC AND PARA-ARAMID PULP AND PROCESSES OF MAKING SAME
KB4710-FR-EPT	France	Euro-PCT Application	16 Jun 2005	05766040.9	15 Apr 2009	1774095	ACRYLIC AND PARA-ARAMID PULP AND PROCESSES OF MAKING SAME
KB4710-GB-EPT	United Kingdom	Euro-PCT Application	16 Jun 2005	05766040.9	15 Apr 2009	1774095	ACRYLIC AND PARA-ARAMID PULP AND PROCESSES OF MAKING SAME
KB4710-IT-EPT	Italy	Euro-PCT Application	16 Jun 2005	05766040.9	15 Apr 2009	1774095	ACRYLIC AND PARA-ARAMID PULP AND PROCESSES OF MAKING SAME

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
KB4710-JP-PCT	Japan	PCT Application	16 Jun 2005	518131/07	01 Mar 2013	5209303	ACRYLIC AND PARA-ARAMID PULP AND PROCESSES OF MAKING SAME
KB4710-KR-DIV	South Korea / Republic of Korea	National Patent Divisional	01 Sep 2008	10-2008-7021414	10 Sep 2009	0917963	ACRYLIC AND PARA-ARAMID PULP AND PROCESSES OF MAKING SAME
KB4710-KR-PCT	South Korea / Republic of Korea	PCT Application	16 Jun 2005	10-2006-7027086	13 Oct 2008	864357	ACRYLIC AND PARA-ARAMID PULP AND PROCESSES OF MAKING SAME
KB4730-CA-PCT	Canada	PCT Application	30 Nov 2005	2586635	22 May 2012	2586635	CONTINUOUS PROCESSES FOR MAKING COMPOSITE FIBERS
KB4730-CN-PCT	China	PCT Application	30 Nov 2005	2005800414 17.1	26 May 2010	20058004 1417.1	CONTINUOUS PROCESSES FOR MAKING COMPOSITE FIBERS
KB4730-DE-EPT	Germany	Euro-PCT Application	30 Nov 2005	05852581.7	29 Feb 2012	60200503 2959.5	CONTINUOUS PROCESSES FOR MAKING COMPOSITE FIBERS
KB4730-EP-EPT	European Procedure (Patents)	Euro-PCT Application	30 Nov 2005	05852581.7	29 Feb 2012	1825037	CONTINUOUS PROCESSES FOR MAKING COMPOSITE FIBERS
KB4730-FR-EPT	France	Euro-PCT Application	30 Nov 2005	05852581.7	29 Feb 2012	1825037	CONTINUOUS PROCESSES FOR MAKING COMPOSITE FIBERS
KB4730-GB-EPT	United Kingdom	Euro-PCT Application	30 Nov 2005	05852581.7	29 Feb 2012	1825037	CONTINUOUS PROCESSES FOR MAKING COMPOSITE FIBERS
KB4730-IT-EPT	Italy	Euro-PCT Application	30 Nov 2005	05852581.7	29 Feb 2012	1825037	CONTINUOUS PROCESSES FOR MAKING COMPOSITE FIBERS

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
KB4730-NL-EPT	Netherlands	Euro-PCT Application	30 Nov 2005	05852581.7	29 Feb 2012	1825037	CONTINUOUS PROCESSES FOR MAKING COMPOSITE FIBERS
KB4750-MX-PCT	Mexico	PCT Application	12 Jul 2006	MX/A/2008/000398	08 Jan 2010	273209	METHOD OF MAKING AROMATIC DIHYDROXY DIACID DIHALIDES AND PRECIPITATES RESULTING THEREFROM
KB4750-US-NP	United States Of America	National Patent	13 Jul 2005	11/180241	07 Aug 2007	7253247	METHOD OF MAKING AROMATIC DIHYDROXY DIACID DIHALIDES AND PRECIPITATES RESULTING THEREFROM
KB4800-DE-EPT	Germany	Euro-PCT Application	21 Jun 2005	05857881.6	24 Jul 2013	602005040583.6	POLYMERIC ADDITIVES FOR ENHANCEMENT OF BALLISTIC PERFORMANCE IN FIBROUS STRUCTURES
KB4800-EP-EPT	European Procedure (Patents)	Euro-PCT Application	21 Jun 2005	05857881.6	24 Jul 2013	1787083	POLYMERIC ADDITIVES FOR ENHANCEMENT OF BALLISTIC PERFORMANCE IN FIBROUS STRUCTURES
KB4800-FR-EPT	France	Euro-PCT Application	21 Jun 2005	05857881.6	24 Jul 2013	1787083	POLYMERIC ADDITIVES FOR ENHANCEMENT OF BALLISTIC PERFORMANCE IN FIBROUS STRUCTURES
KB4800-US-NP	United States Of America	National Patent	21 Jun 2005	11/158762	07 Jul 2009	7556857	POLYMERIC ADDITIVES FOR ENHANCEMENT OF BALLISTIC PERFORMANCE IN FIBROUS STRUCTURES
KB4810-US-NP	United States Of America	National Patent	21 Jun 2005	11/159364	30 Aug 2011	8008217	FABRICS WITH STRAIN-RESPONSIVE VISCOUS LIQUID POLYMERS
KB4830-CN-PCT	China	PCT Application	19 Dec 2006	200680048231.3	23 Jan 2013	200680048231.3	PARA-ARAMID PULP INCLUDING META-ARAMID FIBRIDS AND PROCESSES OF MAKING SAME

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
KB4830-DE-EPT	Germany	Euro-PCT Application	19 Dec 2006	06845723.3	13 Jul 2011	1974093	PARA-ARAMID PULP INCLUDING META-ARAMID FIBRIDS AND PROCESSES OF MAKING SAME
KB4830-EP-EPT	European Procedure (Patents)	Euro-PCT Application	19 Dec 2006	06845723.3	13 Jul 2011	1974093	PARA-ARAMID PULP INCLUDING META-ARAMID FIBRIDS AND PROCESSES OF MAKING SAME
KB4830-JP-PCT	Japan	PCT Application	19 Dec 2006	547400/08	15 Mar 2013	5221377	PARA-ARAMID PULP INCLUDING META-ARAMID FIBRIDS AND PROCESSES OF MAKING SAME
KB4830-KR-PCT	South Korea / Republic of Korea	PCT Application	19 Dec 2006	10-2008-7017556	28 Jan 2014	1359265	PARA-ARAMID PULP INCLUDING META-ARAMID FIBRIDS AND PROCESSES OF MAKING SAME
KB4830-NL-EPT	Netherlands	Euro-PCT Application	19 Dec 2006	06845723.3	13 Jul 2011	1974093	PARA-ARAMID PULP INCLUDING META-ARAMID FIBRIDS AND PROCESSES OF MAKING SAME
KB4830-US-DIV	United States Of America	National Patent Divisional	06 May 2010	12/774789	03 Jul 2012	8211272	PARA-ARAMID PULP INCLUDING META-ARAMID FIBRIDS AND PROCESSES OF MAKING SAME
KB4830-US-NP	United States Of America	National Patent	15 Dec 2006	11/639917	22 Jun 2010	7740741	PARA-ARAMID PULP INCLUDING META-ARAMID FIBRIDS AND PROCESSES OF MAKING SAME
KB4840-DE-EPT	Germany	Euro-PCT Application	07 Dec 2006	06846516.0	11 Nov 2015	602006047293.5	MULTI-AXIAL FABRIC WITH STRAIN-RESPONSIVE VISCOUS LIQUID POLYMERS
KB4840-EP-EPT	European Procedure (Patents)	Euro-PCT Application	07 Dec 2006	06846516.0	11 Nov 2015	1965975	MULTI-AXIAL FABRIC WITH STRAIN-RESPONSIVE VISCOUS LIQUID POLYMERS

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
KB4840-FR-EPT	France	Euro-PCT Application	07 Dec 2006	06846516.0	11 Nov 2015	1965975	MULTI-AXIAL FABRIC WITH STRAIN-RESPONSIVE VISCOUS LIQUID POLYMERS
KB4840-KR-PCT	South Korea / Republic of Korea	PCT Application	07 Dec 2006	10-2008-7016438	28 Nov 2013	1337052	MULTI-AXIAL FABRIC WITH STRAIN-RESPONSIVE VISCOUS LIQUID POLYMERS
KB4840-US-PCT	United States Of America	PCT Application	07 Dec 2006	12/086266	08 May 2012	8171569	MULTI-AXIAL FABRIC WITH STRAIN-RESPONSIVE VISCOUS LIQUID POLYMERS
KB4880-CN-PCT	China	PCT Application	04 Dec 2008	200880119434.6	25 Nov 2015	200880119434.6	HYBRID CORDS FOR TIRE REINFORCEMENT
KB4880-DE-EPT	Germany	Euro-PCT Application	04 Dec 2008	08858073.3	11 May 2011	602008006935.4	HYBRID CORDS FOR TIRE REINFORCEMENT
KB4880-EP-EPT	European Procedure (Patents)	Euro-PCT Application	04 Dec 2008	08858073.3	11 May 2011	2219884	HYBRID CORDS FOR TIRE REINFORCEMENT
KB4880-FR-EPT	France	Euro-PCT Application	04 Dec 2008	08858073.3	11 May 2011	2219884	HYBRID CORDS FOR TIRE REINFORCEMENT
KB4880-IT-EPT	Italy	Euro-PCT Application	04 Dec 2008	08858073.3	11 May 2011	2219884	HYBRID CORDS FOR TIRE REINFORCEMENT
KB4880-US-NP	United States Of America	National Patent	04 Dec 2008	12/327952	20 Dec 2011	8079208	HYBRID CORDS FOR TIRE REINFORCEMENT
KB4915-DE-EPT	Germany	Euro-PCT Application	20 Dec 2007	07867911.5	07 May 2014	602007036632.1	FLEXIBLE BALLISTIC FABRIC AND ARTICLES MADE THEREFROM
KB4915-EP-EPT	European Procedure (Patents)	Euro-PCT Application	20 Dec 2007	07867911.5	07 May 2014	2121299	FLEXIBLE BALLISTIC FABRIC AND ARTICLES MADE THEREFROM
KB4915-FR-EPT	France	Euro-PCT Application	20 Dec 2007	07867911.5	07 May 2014	2121299	FLEXIBLE BALLISTIC FABRIC AND ARTICLES MADE THEREFROM

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
KB4915-US-NP	United States Of America	National Patent	27 Dec 2006	11/645973	08 Mar 2011	7901529	FLEXIBLE BALLISTIC FABRIC AND ARTICLES MADE THEREFROM
KB4970-US-NP	United States Of America	National Patent	29 Nov 2006	11/605663	01 May 2012	8166569	MULTIAXIAL POLYETHYLENE FABRIC AND LAMINATE
KB4995-US-NP	United States Of America	National Patent	10 Oct 2006	11/545736	03 Aug 2010	7767599	MULTIDENIER FIBER CUT RESISTANT FABRICS AND ARTICLES AND PROCESSES FOR MAKING SAME
KB4996-BR-PCT	Brazil	PCT Application	09 Oct 2007	PI0715567.0	29 Aug 2017	PI0715567-0	MULTIDENIER FIBER CUT RESISTANT FABRICS AND ARTICLES AND PROCESSES FOR MAKING SAME
KB4996-CN-PCT	China	PCT Application	09 Oct 2007	200780037915.8	03 Aug 2011	200780037915.8	MULTIDENIER FIBER CUT RESISTANT FABRICS AND ARTICLES AND PROCESSES FOR MAKING SAME
KB4996-DE-EPT	Germany	Euro-PCT Application	09 Oct 2007	07839398.0	21 Sep 2011	2097566	MULTIDENIER FIBER CUT RESISTANT FABRICS AND ARTICLES AND PROCESSES FOR MAKING SAME
KB4996-EP-EPT	European Procedure (Patents)	Euro-PCT Application	09 Oct 2007	07839398.0	21 Sep 2011	2097566	MULTIDENIER FIBER CUT RESISTANT FABRICS AND ARTICLES AND PROCESSES FOR MAKING SAME
KB4996-FR-EPT	France	Euro-PCT Application	09 Oct 2007	07839398.0	21 Sep 2011	2097566	MULTIDENIER FIBER CUT RESISTANT FABRICS AND ARTICLES AND PROCESSES FOR MAKING SAME
KB4996-GB-EPT	United Kingdom	Euro-PCT Application	09 Oct 2007	07839398.0	21 Sep 2011	2097566	MULTIDENIER FIBER CUT RESISTANT FABRICS AND ARTICLES AND PROCESSES FOR MAKING SAME

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
KB4996-JP-PCT	Japan	PCT Application	09 Oct 2007	532380/09	21 Sep 2012	5091245	MULTIDENIER FIBER CUT RESISTANT FABRICS AND ARTICLES AND PROCESSES FOR MAKING SAME
KB4996-KR-PCT	South Korea / Republic of Korea	PCT Application	09 Oct 2007	10-2009-7008794	07 May 2014	1394876	MULTIDENIER FIBER CUT RESISTANT FABRICS AND ARTICLES AND PROCESSES FOR MAKING SAME
KB4996-MX-PCT	Mexico	PCT Application	09 Oct 2007	MX/a/2009/003700	14 Aug 2012	302318	MULTIDENIER FIBER CUT RESISTANT FABRICS AND ARTICLES AND PROCESSES FOR MAKING SAME
KB5001-BR-PCT	Brazil	PCT Application	09 Oct 2007	PI0715552.2	11 Jul 2017	PI0715552-2	STAIN MASKING CUT RESISTANT GLOVES AND PROCESSES FOR MAKING SAME
KB5001-CN-PCT	China	PCT Application	09 Oct 2007	200780037764.6	04 Jul 2012	200780037764.6	STAIN MASKING CUT RESISTANT GLOVES AND PROCESSES FOR MAKING SAME
KB5001-DE-EPT	Germany	Euro-PCT Application	09 Oct 2007	07839402.0	22 May 2013	602007030678.7	STAIN MASKING CUT RESISTANT GLOVES AND PROCESSES FOR MAKING SAME
KB5001-EP-EPT	European Procedure (Patents)	Euro-PCT Application	09 Oct 2007	07839402.0	22 May 2013	2097580	STAIN MASKING CUT RESISTANT GLOVES AND PROCESSES FOR MAKING SAME
KB5001-FR-EPT	France	Euro-PCT Application	09 Oct 2007	07839402.0	22 May 2013	2097580	STAIN MASKING CUT RESISTANT GLOVES AND PROCESSES FOR MAKING SAME
KB5001-GB-EPT	United Kingdom	Euro-PCT Application	09 Oct 2007	07839402.0	22 May 2013	2097580	STAIN MASKING CUT RESISTANT GLOVES AND PROCESSES FOR MAKING SAME
KB5001-JP-PCT	Japan	PCT Application	09 Oct 2007	532381/09	21 Dec 2012	5159784	STAIN MASKING CUT RESISTANT GLOVES AND PROCESSES FOR MAKING SAME

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
KB5001-KR-PCT	South Korea / Republic of Korea	PCT Application	09 Oct 2007	10-2009-7008795	21 Jul 2014	1423800	STAIN MASKING CUT RESISTANT GLOVES AND PROCESSES FOR MAKING SAME
KB5001-US-DIV	United States Of America	National Patent Divisional	14 Sep 2010	12/881762	22 Mar 2011	7908892	STAIN MASKING CUT RESISTANT GLOVES AND PROCESSES FOR MAKING SAME
KB5001-US-NP	United States Of America	National Patent	10 Oct 2006	11/545740	26 Oct 2010	7818982	STAIN MASKING CUT RESISTANT GLOVES AND PROCESSES FOR MAKING SAME
KB5020-DE-EPT	Germany	Euro-PCT Application	28 Oct 2009	09753257.6	17 Oct 2012	602009010515.9	NON-LOAD BEARING CUT RESISTANT TIRE SIDE-WALL COMPONENT COMPRISING KNITTED TEXTILE FABRIC AND TIRE CONTAINING SAID COMPONENT, AND PROCESSES FOR MAKING SAME
KB5020-FR-EPT	France	Euro-PCT Application	28 Oct 2009	09753257.6	17 Oct 2012	2355985	NON-LOAD BEARING CUT RESISTANT TIRE SIDE-WALL COMPONENT COMPRISING KNITTED TEXTILE FABRIC AND TIRE CONTAINING SAID COMPONENT, AND PROCESSES FOR MAKING SAME
KB5020-IT-EPT	Italy	Euro-PCT Application	28 Oct 2009	09753257.6	17 Oct 2012	2355985	NON-LOAD BEARING CUT RESISTANT TIRE SIDE-WALL COMPONENT COMPRISING KNITTED TEXTILE FABRIC AND TIRE CONTAINING SAID COMPONENT, AND PROCESSES FOR MAKING SAME
KB5040-CN-NP	China	National Patent	12 Apr 2007	200710097134.X	28 Sep 2011	200710097134.X	PARA-ARAMID FLEXIBLE VENTILAITON DUCT

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
KB5045-CA-PCT	Canada	PCT Application	14 May 2009	2723385	01 Dec 2015	2,723,385	BALLISTIC RESISTANT BODY ARMOR ARTICLES
KB5045-CN-PCT	China	PCT Application	14 May 2009	200980117395.0	18 Jun 2014	200980117395.0	BALLISTIC RESISTANT BODY ARMOR ARTICLES
KB5045-DE-EPT	Germany	Euro-PCT Application	14 May 2009	09756871.1	12 Sep 2018	602009054476.4	BALLISTIC RESISTANT BODY ARMOR ARTICLES
KB5045-EP-EPT	European Procedure (Patents)	Euro-PCT Application	14 May 2009	09756871.1	12 Sep 2018	2288496	BALLISTIC RESISTANT BODY ARMOR ARTICLES
KB5045-FR-EPT	France	Euro-PCT Application	14 May 2009	09756871.1	12 Sep 2018	2288496	BALLISTIC RESISTANT BODY ARMOR ARTICLES
KB5045-GB-EPT	United Kingdom	Euro-PCT Application	14 May 2009	09756871.1	12 Sep 2018	2288496	BALLISTIC RESISTANT BODY ARMOR ARTICLES
KB5045-JP-PCT	Japan	PCT Application	14 May 2009	509690/2011	26 Jul 2013	5324651	BALLISTIC RESISTANT BODY ARMOR ARTICLES
KB5045-KR-PCT	South Korea / Republic of Korea	PCT Application	14 May 2009	10-2010-7027930	11 Dec 2015	10-1578571	BALLISTIC RESISTANT BODY ARMOR ARTICLES
KB5045-US-NP	United States Of America	National Patent	14 May 2008	12/152308	13 Sep 2011	8015617	BALLISTIC RESISTANT BODY ARMOR ARTICLES
KB5065-CN-PCT	China	PCT Application	01 Oct 2008	200880110756.4	27 Mar 2013	200880110756.4	HIGH LINEAR DENSITY, HIGH MODULUS, HIGH TENACITY YARNS AND METHODS FOR MAKING THE YARNS
KB5065-EP-EPT	European Procedure (Patents)	Euro-PCT Application	01 Oct 2008	08838107.4			HIGH LINEAR DENSITY, HIGH MODULUS, HIGH TENACITY YARNS AND METHODS FOR MAKING THE YARNS

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
KB5065-JP-PCT	Japan	PCT Application	01 Oct 2008	528944/10	08 Mar 2013	5216094	HIGH LINEAR DENSITY, HIGH MODULUS, HIGH TENACITY YARNS AND METHODS FOR MAKING THE YARNS
KB5065-KR-PCT	South Korea / Republic of Korea	PCT Application	01 Oct 2008	10-2010-7010084	16 Jun 2015	10-1530735	HIGH LINEAR DENSITY, HIGH MODULUS, HIGH TENACITY YARNS AND METHODS FOR MAKING THE YARNS
KB5065-US-NP	United States Of America	National Patent	09 Oct 2007	11/973527	12 Jul 2011	7976943	HIGH LINEAR DENSITY, HIGH MODULUS, HIGH TENACITY YARNS AND METHODS FOR MAKING THE YARNS
KB5080-JP-PCT	Japan	PCT Application	01 Oct 2008	530014/10	02 May 2013	5260666	METHOD FOR REMOVING HYDRAZINE COMPOUNDS
KB5080-US-NP	United States Of America	National Patent	19 Oct 2007	11/975417	20 Jul 2010	7758757	METHOD FOR REMOVING HYDRAZINE COMPOUNDS
KB5095-CN-NP	China	National Patent	23 Aug 2007	200710148504.8			HYBRID FABRIC FOR IMPROVED ADHESION
KB5100-US-NP	United States Of America	National Patent	26 Feb 2009	12/393295	10 Aug 2010	7772418	PROCESS FOR PRODUCING 3,4' DIACETOXYBENZOPHENONE
KB5105-EP-EPT	European Procedure (Patents)	Euro-PCT Application	09 Feb 2010	10704069.3	12 Oct 2016	2396620	FABRIC ASSEMBLY SUITABLE FOR RESISTING BALLISTIC OBJECTS AND METHOD OF MANUFACTURE
KB5110-CN-NP	China	National Patent	11 Sep 2007	200710154248.3	24 Nov 2010	200710154248.3	UHMWPE FLEXIBLE VENTILATION DUCT
KB5125-CA-PCT	Canada	PCT Application	14 May 2009	2720518	29 Dec 2015	2720518	BALLISTIC RESISTANT BODY ARMOR ARTICLES
KB5125-CN-PCT	China	PCT Application	14 May 2009	200980117215.9	30 Oct 2013	200980117215.9	BALLISTIC RESISTANT BODY ARMOR ARTICLES

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
KB5125-DE-EPT	Germany	Euro-PCT Application	14 May 2009	09756872.9	10 May 2017	602009046008.0	BALLISTIC RESISTANT BODY ARMOR ARTICLES
KB5125-EP-EPT	European Procedure (Patents)	Euro-PCT Application	14 May 2009	09756872.9	10 May 2017	2276995	BALLISTIC RESISTANT BODY ARMOR ARTICLES
KB5125-FR-EPT	France	Euro-PCT Application	14 May 2009	09756872.9	10 May 2017	2276995	BALLISTIC RESISTANT BODY ARMOR ARTICLES
KB5125-JP-PCT	Japan	PCT Application	14 May 2009	509694/2011	11 Apr 2014	5518051	BALLISTIC RESISTANT BODY ARMOR ARTICLES
KB5125-US-NP	United States Of America	National Patent	14 May 2008	12/152404	23 Feb 2010	7665149	BALLISTIC RESISTANT BODY ARMOR ARTICLES
KB5145-CN-PCT	China	PCT Application	03 Apr 2009	200980110561.4	29 Jan 2014	200980110561.4	COMPOSITE PANELS HAVING IMPROVED FLUID IMPERMEABILITY
KB5145-EP-EPT	European Procedure (Patents)	Euro-PCT Application	03 Apr 2009	09755476.0			COMPOSITE PANELS HAVING IMPROVED FLUID IMPERMEABILITY
KB5145-US-DIV	United States Of America	National Patent Divisional	02 Jun 2011	13/033914	26 Jun 2012	8206808	COMPOSITE PANELS HAVING IMPROVED FLUID IMPERMEABILITY
KB5145-US-NP	United States Of America	National Patent	03 Apr 2009	12/417691	19 Apr 2011	7927691	COMPOSITE PANELS HAVING IMPROVED FLUID IMPERMEABILITY
KB5165-DE-EPT	Germany	Euro-PCT Application	06 Oct 2009	09736354.3	13 Feb 2013	602009013264.4	AN ENHANCED COMPOSITE MATERIAL, ITS PRODUCING PROCESS AND USAGE
KB5165-FR-EPT	France	Euro-PCT Application	06 Oct 2009	09736354.3	13 Feb 2013	2334491	AN ENHANCED COMPOSITE MATERIAL, ITS PRODUCING PROCESS AND USAGE
KB5195-CN-NP	China	National Patent	23 Feb 2009	200910004750.5	26 Dec 2012	200910004750.5	POLYVINYL CHLORIDE PLASTISOL COMPOSITION AND PRODUCTS OBTAINED THEREFROM

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
KB5255-DE-EPA	Germany	European Application	26 May 2010	10163985.4	20 Jun 2018	602010051375.0	APPARATUS FOR DETERMINING CUT RESISTANCE
KB5255-EP-EPA	European Procedure (Patents)	European Application	26 May 2010	10163985.4	20 Jun 2018	2270468	APPARATUS FOR DETERMINING CUT RESISTANCE
KB5255-FR-EPA	France	European Application	26 May 2010	10163985.4	20 Jun 2018	2270468	APPARATUS FOR DETERMINING CUT RESISTANCE
KB5255-GB-EPA	United Kingdom	European Application	26 May 2010	10163985.4	20 Jun 2018	2270468	APPARATUS FOR DETERMINING CUT RESISTANCE
KB5255-US-NP	United States Of America	National Patent	26 May 2010	12/787445	01 Nov 2011	8047069	APPARATUS FOR DETERMINING CUT RESISTANCE
KB5270-BR-PCT	Brazil	PCT Application	15 Jan 2010	PI1004928.2			IMPROVED CUT-RESISTANT GLOVES CONTAINING FIBERGLASS AND PARA-ARAMID
KB5270-CN-PCT	China	PCT Application	15 Jan 2010	201080005458.6	27 Nov 2013	201080005458.6	IMPROVED CUT-RESISTANT GLOVES CONTAINING FIBERGLASS AND PARA-ARAMID
KB5270-DE-EPT	Germany	Euro-PCT Application	15 Jan 2010	10701960.6	12 Dec 2012	602010004098.4	IMPROVED CUT-RESISTANT GLOVES CONTAINING FIBERGLASS AND PARA-ARAMID
KB5270-EP-EPT	European Procedure (Patents)	Euro-PCT Application	15 Jan 2010	10701960.6	12 Dec 2012	2389467	IMPROVED CUT-RESISTANT GLOVES CONTAINING FIBERGLASS AND PARA-ARAMID

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
KB5270-FR-EPT	France	Euro-PCT Application	15 Jan 2010	10701960.6	12 Dec 2012	2389467	IMPROVED CUT-RESISTANT GLOVES CONTAINING FIBERGLASS AND PARA-ARAMID
KB5270-GB-EPT	United Kingdom	Euro-PCT Application	15 Jan 2010	10701960.6	12 Dec 2012	2389467	IMPROVED CUT-RESISTANT GLOVES CONTAINING FIBERGLASS AND PARA-ARAMID
KB5270-JP-PCT	Japan	PCT Application	15 Jan 2010	548041/11	17 Jan 2014	5458114	IMPROVED CUT-RESISTANT GLOVES CONTAINING FIBERGLASS AND PARA-ARAMID
KB5270-US-NP	United States Of America	National Patent	26 Jan 2009	12/359710	02 Mar 2010	7669442	IMPROVED CUT-RESISTANT GLOVES CONTAINING FIBERGLASS AND PARA-ARAMID
KB5271-BR-PCT	Brazil	PCT Application	15 Jan 2010	PI1005167.8			IMPROVED CUT-RESISTANT GLOVES CONTAINING FIBERGLASS AND PARA-ARAMID
KB5271-CN-PCT	China	PCT Application	15 Jan 2010	201080005465.6	25 Dec 2013	201080005465.6	IMPROVED CUT-RESISTANT GLOVES CONTAINING FIBERGLASS AND PARA-ARAMID
KB5271-DE-EPT	Germany	Euro-PCT Application	15 Jan 2010	10701079.5	28 Nov 2012	602010003848.3	IMPROVED CUT-RESISTANT GLOVES CONTAINING FIBERGLASS AND PARA-ARAMID

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
KB5271-EP-EPT	European Procedure (Patents)	Euro-PCT Application	15 Jan 2010	10701079.5	28 Nov 2012	2389466	IMPROVED CUT-RESISTANT GLOVES CONTAINING FIBERGLASS AND PARA-ARAMID
KB5271-FR-EPT	France	Euro-PCT Application	15 Jan 2010	10701079.5	28 Nov 2012	2389466	IMPROVED CUT-RESISTANT GLOVES CONTAINING FIBERGLASS AND PARA-ARAMID
KB5271-GB-EPT	United Kingdom	Euro-PCT Application	15 Jan 2010	10701079.5	28 Nov 2012	2389466	IMPROVED CUT-RESISTANT GLOVES CONTAINING FIBERGLASS AND PARA-ARAMID
KB5271-JP-PCT	Japan	PCT Application	15 Jan 2010	548038/11	17 Jan 2014	5458113	IMPROVED CUT-RESISTANT GLOVES CONTAINING FIBERGLASS AND PARA-ARAMID
KB5271-US-NP	United States Of America	National Patent	26 Jan 2009	12/359733	03 May 2011	7934394	IMPROVED CUT-RESISTANT GLOVES CONTAINING FIBERGLASS AND PARA-ARAMID
KB5275-BR-PCT	Brazil	PCT Application	15 Jan 2010	PI1004929.0			IMPROVED CUT-RESISTANT GLOVES CONTAINING FIBERGLASS AND PARA-ARAMID
KB5275-CN-PCT	China	PCT Application	15 Jan 2010	201080005605.X	29 Jan 2014	201080005605.X	IMPROVED CUT-RESISTANT GLOVES CONTAINING FIBERGLASS AND PARA-ARAMID

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
KB5275-DE-EPT	Germany	Euro-PCT Application	15 Jan 2010	10701077.9	06 Mar 2013	602010005275.3	IMPROVED CUT-RESISTANT GLOVES CONTAINING FIBERGLASS AND PARA-ARAMID
KB5275-EP-EPT	European Procedure (Patents)	Euro-PCT Application	15 Jan 2010	10701077.9	06 Mar 2013	2393967	IMPROVED CUT-RESISTANT GLOVES CONTAINING FIBERGLASS AND PARA-ARAMID
KB5275-FR-EPT	France	Euro-PCT Application	15 Jan 2010	10701077.9	06 Mar 2013	2393967	IMPROVED CUT-RESISTANT GLOVES CONTAINING FIBERGLASS AND PARA-ARAMID
KB5275-GB-EPT	United Kingdom	Euro-PCT Application	15 Jan 2010	10701077.9	06 Mar 2013	2393967	IMPROVED CUT-RESISTANT GLOVES CONTAINING FIBERGLASS AND PARA-ARAMID
KB5275-JP-PCT	Japan	PCT Application	15 Jan 2010	548037/11	20 Dec 2013	5438775	IMPROVED CUT-RESISTANT GLOVES CONTAINING FIBERGLASS AND PARA-ARAMID
KB5275-US-NP	United States Of America	National Patent	26 Jan 2009	12/359755	03 May 2011	7934395	IMPROVED CUT-RESISTANT GLOVES CONTAINING FIBERGLASS AND PARA-ARAMID
KB5276-BR-PCT	Brazil	PCT Application	15 Jan 2010	PI1005160.0			IMPROVED CUT-RESISTANT GLOVES CONTAINING FIBERGLASS AND PARA-ARAMID

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
KB5276-CN-PCT	China	PCT Application	15 Jan 2010	201080005464.1	08 Jan 2014	201080005464.1	IMPROVED CUT-RESISTANT GLOVES CONTAINING FIBERGLASS AND PARARAMID
KB5276-DE-EPT	Germany	Euro-PCT Application	15 Jan 2010	10701075.3	28 Nov 2012	602010003847.5	IMPROVED CUT-RESISTANT GLOVES CONTAINING FIBERGLASS AND PARARAMID
KB5276-EP-EPT	European Procedure (Patents)	Euro-PCT Application	15 Jan 2010	10701075.3	28 Nov 2012	2389465	IMPROVED CUT-RESISTANT GLOVES CONTAINING FIBERGLASS AND PARARAMID
KB5276-FR-EPT	France	Euro-PCT Application	15 Jan 2010	10701075.3	28 Nov 2012	2389465	IMPROVED CUT-RESISTANT GLOVES CONTAINING FIBERGLASS AND PARARAMID
KB5276-GB-EPT	United Kingdom	Euro-PCT Application	15 Jan 2010	10701075.3	28 Nov 2012	2389465	IMPROVED CUT-RESISTANT GLOVES CONTAINING FIBERGLASS AND PARARAMID
KB5276-JP-PCT	Japan	PCT Application	15 Jan 2010	548034/11	10 Jan 2014	5452619	IMPROVED CUT-RESISTANT GLOVES CONTAINING FIBERGLASS AND PARARAMID
KB5276-US-NP	United States Of America	National Patent	26 Jan 2009	12/359775	03 May 2011	7934396	IMPROVED CUT-RESISTANT GLOVES CONTAINING FIBERGLASS AND PARARAMID

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
KB5280-BR-PCT	Brazil	PCT Application	14 Jan 2010	PI1005161.9			IMPROVED CUT-RESISTANT GLOVES CONTAINING FIBERGLASS AND PARA-ARAMID
KB5280-CN-PCT	China	PCT Application	14 Jan 2010	201080005616.8	11 Sep 2013	201080005616.8	IMPROVED CUT-RESISTANT GLOVES CONTAINING FIBERGLASS AND PARA-ARAMID
KB5280-DE-EPT	Germany	Euro-PCT Application	14 Jan 2010	10701072.0	06 Mar 2013	602010005274.5	IMPROVED CUT-RESISTANT GLOVES CONTAINING FIBERGLASS AND PARA-ARAMID
KB5280-EP-EPT	European Procedure (Patents)	Euro-PCT Application	14 Jan 2010	10701072.0	06 Mar 2013	2389464	IMPROVED CUT-RESISTANT GLOVES CONTAINING FIBERGLASS AND PARA-ARAMID
KB5280-FR-EPT	France	Euro-PCT Application	14 Jan 2010	10701072.0	06 Mar 2013	2389464	IMPROVED CUT-RESISTANT GLOVES CONTAINING FIBERGLASS AND PARA-ARAMID
KB5280-GB-EPT	United Kingdom	Euro-PCT Application	14 Jan 2010	10701072.0	06 Mar 2013	2389464	IMPROVED CUT-RESISTANT GLOVES CONTAINING FIBERGLASS AND PARA-ARAMID
KB5280-JP-PCT	Japan	PCT Application	14 Jan 2010	548030/11	10 Jan 2014	5452618	IMPROVED CUT-RESISTANT GLOVES CONTAINING FIBERGLASS AND PARA-ARAMID

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
KB5280-US-NP	United States Of America	National Patent	26 Jan 2009	12/359789	03 May 2011	7934397	IMPROVED CUT-RESISTANT GLOVES CONTAINING FIBERGLASS AND PARA-ARAMID
KB5310-US-DIV	United States Of America	National Patent Divisional	03 Sep 2014	14/475768	05 Jul 2016	9381728	A COMPOSITE MATERIAL; A BALLISTIC RESISTANT ARTICLE MADE FROM SAME AND METHOD OF MAKING THE ARTICLE
KB5310-US-DIV[2]	United States Of America	National Patent Divisional	12 May 2015	14/709518	10 Oct 2017	9782962	A COMPOSITE MATERIAL, A BALLISTIC RESISTANT ARTICLE MADE FROM SAME AND METHOD OF MAKING THE ARTICLE
KB5320-BR-PCT	Brazil	PCT Application	14 Jan 2011	112012015565.2			SHAPED BODY ARMOR AND METHOD OF MAKING
KB5320-CN-PCT	China	PCT Application	14 Jan 2011	201180006166.9	17 Jun 2015	201180006166.9	SHAPED BODY ARMOR AND METHOD OF MAKING
KB5320-DE-EPT	Germany	Euro-PCT Application	14 Jan 2011	11715780.0	09 Sep 2015	602011019585.9	SHAPED BODY ARMOR AND METHOD OF MAKING
KB5320-EP-EPT	European Procedure (Patents)	Euro-PCT Application	14 Jan 2011	11715780.0	09 Sep 2015	2524191	SHAPED BODY ARMOR AND METHOD OF MAKING
KB5320-FR-EPT	France	Euro-PCT Application	14 Jan 2011	11715780.0	09 Sep 2015	2524191	SHAPED BODY ARMOR AND METHOD OF MAKING
KB5320-KR-PCT	South Korea / Republic of Korea	PCT Application	14 Jan 2011	10-2012-7021179	26 Feb 2018	10-1834578	SHAPED BODY ARMOR AND METHOD OF MAKING
KB5320-US-NP	United States Of America	National Patent	14 Jan 2010	12/687211	17 Mar 2015	8980773	SHAPED BODY ARMOR AND METHOD OF MAKING

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
KB5325-DE-EPT	Germany	Euro-PCT Application	02 Apr 2010	10768628.9	02 Oct 2013	602010010733.7	BALLISTIC RESISTANT ARMOR ARTICLES
KB5325-EP-EPT	European Procedure (Patents)	Euro-PCT Application	02 Apr 2010	10768628.9	02 Oct 2013	2416953	BALLISTIC RESISTANT ARMOR ARTICLES
KB5325-FR-EPT	France	Euro-PCT Application	02 Apr 2010	10768628.9	02 Oct 2013	2416953	BALLISTIC RESISTANT ARMOR ARTICLES
KB5340-CA-PCT	Canada	PCT Application	10 Nov 2010	2779487	02 Jan 2018	2779487	IMPACT RESISTANT COMPOSITE ARTICLE
KB5340-CN-PCT	China	PCT Application	10 Nov 2010	201080052011.4	20 Jan 2016	201080052011.4	IMPACT RESISTANT COMPOSITE ARTICLE
KB5340-DE-EPT	Germany	Euro-PCT Application	10 Nov 2010	10779405.9	10 Jan 2018	602010047987.0	IMPACT RESISTANT COMPOSITE ARTICLE
KB5340-EP-EPT	European Procedure (Patents)	Euro-PCT Application	10 Nov 2010	10779405.9	10 Jan 2018	2501543	IMPACT RESISTANT COMPOSITE ARTICLE
KB5340-FR-EPT	France	Euro-PCT Application	10 Nov 2010	10779405.9	10 Jan 2018	2501543	IMPACT RESISTANT COMPOSITE ARTICLE
KB5340-GB-EPT	United Kingdom	Euro-PCT Application	10 Nov 2010	10779405.9	10 Jan 2018	2501543	IMPACT RESISTANT COMPOSITE ARTICLE
KB5340-JP-PCT	Japan	PCT Application	10 Nov 2010	539946/12	05 Jun 2015	5756474	IMPACT RESISTANT COMPOSITE ARTICLE
KB5340-US-NP	United States Of America	National Patent	17 Nov 2009	12/619807	25 Nov 2014	8895138	IMPACT RESISTANT COMPOSITE ARTICLE
KB5350-US-DIV	United States Of America	National Patent Divisional	10 Dec 2012	13/709477	01 Sep 2015	9120251	A COMPOSITE MATERIAL AND METHOD FOR MAKING

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
KB5420-DE-EPT	Germany	Euro-PCT Application	15 Jul 2011	11739227.4	11 Mar 2015	602011014629.7	COMPOSITE CORD AND METHOD OF MAKING AND SUPPORT STRUCTURE AND TIRE CONTAINING SAME
KB5420-EP-EPT	European Procedure (Patents)	Euro-PCT Application	15 Jul 2011	11739227.4	11 Mar 2015	2593596	COMPOSITE CORD AND METHOD OF MAKING AND SUPPORT STRUCTURE AND TIRE CONTAINING SAME
KB5420-EP-ETD	European Procedure (Patents)	Euro-PCT Application Divisional	09 Mar 2015	15158160.0			COMPOSITE CORD AND METHOD OF MAKING AND SUPPORT STRUCTURE AND TIRE CONTAINING SAME
KB5420-FR-EPT	France	Euro-PCT Application	15 Jul 2011	11739227.4	11 Mar 2015	2593596	COMPOSITE CORD AND METHOD OF MAKING AND SUPPORT STRUCTURE AND TIRE CONTAINING SAME
KB5420-IT-EPT	Italy	Euro-PCT Application	15 Jul 2011	11739227.4	11 Mar 2015	502015000021985	COMPOSITE CORD AND METHOD OF MAKING AND SUPPORT STRUCTURE AND TIRE CONTAINING SAME
KB5420-JP-PCT	Japan	PCT Application	15 Jul 2011	519844/13	20 Nov 2015	5841143	COMPOSITE CORD AND METHOD OF MAKING AND SUPPORT STRUCTURE AND TIRE CONTAINING SAME
KB5420-US-NP	United States Of America	National Patent	14 Jul 2011	13/182717	12 Aug 2014	8800257	COMPOSITE CORD AND METHOD OF MAKING AND SUPPORT STRUCTURE AND TIRE CONTAINING SAME

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
KB5421-DE-EPT	Germany	Euro-PCT Application	15 Jul 2011	11739228.2	31 Oct 2018	2593597	COMPOSITE CORD HAVING A METAL CORE AND METHOD OF MAKING
KB5421-EP-EPT	European Procedure (Patents)	Euro-PCT Application	15 Jul 2011	11739228.2	31 Oct 2018	2593597	COMPOSITE CORD HAVING A METAL CORE AND METHOD OF MAKING
KB5421-FR-EPT	France	Euro-PCT Application	15 Jul 2011	11739228.2	31 Oct 2018	2593597	COMPOSITE CORD HAVING A METAL CORE AND METHOD OF MAKING
KB5421-GB-EPT	United Kingdom	Euro-PCT Application	15 Jul 2011	11739228.2	31 Oct 2018	2593597	COMPOSITE CORD HAVING A METAL CORE AND METHOD OF MAKING
KB5421-IT-EPT	Italy	Euro-PCT Application	15 Jul 2011	11739228.2	31 Oct 2018	2593597	COMPOSITE CORD HAVING A METAL CORE AND METHOD OF MAKING
KB5421-JP-PCT	Japan	PCT Application	15 Jul 2011	520757/13	20 Nov 2015	5841144	COMPOSITE CORD HAVING A METAL CORE AND METHOD OF MAKING
KB5421-US-NP	United States Of America	National Patent	13 Jul 2011	13/181604	19 Feb 2013	8375692	COMPOSITE CORD HAVING A METAL CORE AND METHOD OF MAKING
KB5490-CN-PCT	China	PCT Application	25 Jan 2011	20118007053.0	30 Mar 2016	20118007053.0	A METHOD OF MAKING A FIBER OPTICAL CABLE ASSEMBLY
KB5490-DE-EPT	Germany	Euro-PCT Application	25 Jan 2011	11701601.4	13 Nov 2013	602011003732.3	A METHOD OF MAKING A FIBER OPTICAL CABLE ASSEMBLY
KB5490-EP-EPT	European Procedure (Patents)	Euro-PCT Application	25 Jan 2011	11701601.4	13 Nov 2013	2529264	A METHOD OF MAKING A FIBER OPTICAL CABLE ASSEMBLY
KB5490-FR-EPT	France	Euro-PCT Application	25 Jan 2011	11701601.4	13 Nov 2013	2529264	A METHOD OF MAKING A FIBER OPTICAL CABLE ASSEMBLY

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
KB5490-JP-PCT	Japan	PCT Application	25 Jan 2011	551227/12	01 May 2015	5739454	A METHOD OF MAKING A FIBER OPTICAL CABLE ASSEMBLY
KB5490-US-NP	United States Of America	National Patent	26 Jan 2010	12/693500	26 Mar 2013	8406589	A METHOD OF MAKING A FIBER OPTICAL CABLE ASSEMBLY
KB5495-DE-EPT	Germany	Euro-PCT Application	29 Dec 2010	10799254.7	22 Jul 2015	602010026108.5	ENHANCED LIGHTWEIGHT BALLISTIC MATERIALS
KB5495-EP-EPT	European Procedure (Patents)	Euro-PCT Application	29 Dec 2010	10799254.7	22 Jul 2015	2519668	ENHANCED LIGHTWEIGHT BALLISTIC MATERIALS
KB5495-FR-EPT	France	Euro-PCT Application	29 Dec 2010	10799254.7	22 Jul 2015	2519668	ENHANCED LIGHTWEIGHT BALLISTIC MATERIALS
KB5530-CN-NP	China	National Patent	16 Dec 2010	20101061319.8	25 Feb 2015	201010613119.8	HYBRID CORDS HAVING HIGH BREAK STRENGTH AND BREAK ENLONGATION AND PRODUCTS AND USE THEREOF
KB5530-CN-UM	China	Utility Model	16 Dec 2010	201020669930.3	31 Aug 2011	201020669930.3	HYBRID CORDS HAVING HIGH BREAK STRENGTH AND BREAK ENLONGATION AND PRODUCTS AND USE THEREOF
KB5530-DE-EPT	Germany	Euro-PCT Application	16 Dec 2011	11809008.3	12 Dec 2018	602011054807.7	HYBRID CORDS HAVING HIGH BREAK STRENGTH AND BREAK ENLONGATION AND PRODUCTS AND USE THEREOF
KB5530-EP-EPT	European Procedure (Patents)	Euro-PCT Application	16 Dec 2011	11809008.3	12 Dec 2018	2652184	HYBRID CORDS HAVING HIGH BREAK STRENGTH AND BREAK ENLONGATION AND PRODUCTS AND USE THEREOF

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
KB5530-FR-EPT	France	Euro-PCT Application	16 Dec 2011	11809008.3	12 Dec 2018	2652184	HYBRID CORDS HAVING HIGH BREAK STRENGTH AND BREAK ENLONGATION AND PRODUCTS AND USE THEREOF
KB5530-GB-EPT	United Kingdom	Euro-PCT Application	16 Dec 2011	11809008.3	12 Dec 2018	2652184	HYBRID CORDS HAVING HIGH BREAK STRENGTH AND BREAK ENLONGATION AND PRODUCTS AND USE THEREOF
KB5530-IT-EPT	Italy	Euro-PCT Application	16 Dec 2011	11809008.3	12 Dec 2018	2652184	HYBRID CORDS HAVING HIGH BREAK STRENGTH AND BREAK ENLONGATION AND PRODUCTS AND USE THEREOF
KB5530-KR-PCT	South Korea / Republic of Korea	PCT Application	16 Dec 2011	1020137018433	26 Mar 2018	10-1844105	HYBRID CORDS HAVING HIGH BREAK STRENGTH AND BREAK ENLONGATION AND PRODUCTS AND USE THEREOF
KB5530-US-PCT	United States Of America	PCT Application	16 Dec 2011	13/989446	01 Sep 2015	9121114	HYBRID CORDS HAVING HIGH BREAK STRENGTH AND BREAK ENLONGATION AND PRODUCTS AND USE THEREOF
KB5545-CA-PCT	Canada	PCT Application	09 Jun 2011	2799593			POLYMERIC BLENDS USEFUL IN BALLISTIC APPLICATIONS
KB5545-DE-EPT	Germany	Euro-PCT Application	09 Jun 2011	11815739.5	20 Jul 2016	602011028433.9	POLYMERIC BLENDS USEFUL IN BALLISTIC APPLICATIONS
KB5545-EP-EPT	European Procedure (Patents)	Euro-PCT Application	09 Jun 2011	11815739.5	20 Jul 2016	2580280	POLYMERIC BLENDS USEFUL IN BALLISTIC APPLICATIONS
KB5545-FR-EPT	France	Euro-PCT Application	09 Jun 2011	11815739.5	20 Jul 2016	2580280	POLYMERIC BLENDS USEFUL IN BALLISTIC APPLICATIONS

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
KB5555-CN-PCT	China	PCT Application	19 Mar 2012	201280013551.0	17 Aug 2016	201280013551.0	FLAME-RESISTANT FINISH FOR INHERENTLY FLAME RESISTANT POLYMER YARNS AND PROCESS FOR MAKING SAME
KB5555-DE-EPT	Germany	Euro-PCT Application	19 Mar 2012	12712035.0	09 Dec 2015	602012012876.3	FLAME-RESISTANT FINISH FOR INHERENTLY FLAME RESISTANT POLYMER YARNS AND PROCESS FOR MAKING SAME
KB5555-EP-EPT	European Procedure (Patents)	Euro-PCT Application	19 Mar 2012	12712035.0	09 Dec 2015	2686466	FLAME-RESISTANT FINISH FOR INHERENTLY FLAME RESISTANT POLYMER YARNS AND PROCESS FOR MAKING SAME
KB5555-FR-EPT	France	Euro-PCT Application	19 Mar 2012	12712035.0	09 Dec 2015	2686466	FLAME-RESISTANT FINISH FOR INHERENTLY FLAME RESISTANT POLYMER YARNS AND PROCESS FOR MAKING SAME
KB5555-JP-PCT	Japan	PCT Application	19 Mar 2012	501173/14	04 Nov 2016	6032820	FLAME-RESISTANT FINISH FOR INHERENTLY FLAME RESISTANT POLYMER YARNS AND PROCESS FOR MAKING SAME
KB5555-NL-EPT	Netherlands	Euro-PCT Application	19 Mar 2012	12712035.0	09 Dec 2015	2686466	FLAME-RESISTANT FINISH FOR INHERENTLY FLAME RESISTANT POLYMER YARNS AND PROCESS FOR MAKING SAME

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
KB5595-CN-PCT	China	PCT Application	19 Sep 2011	201180061165.4	23 Sep 2015	201180061165.4	TRAUMA REDUCING PACK
KB5595-DE-EPT	Germany	Euro-PCT Application	19 Sep 2011	11764634.9	12 Aug 2015	602011018730.9	TRAUMA REDUCING PACK
KB5595-EP-EPT	European Procedure (Patents)	Euro-PCT Application	19 Sep 2011	11764634.9	12 Aug 2015	2656000	TRAUMA REDUCING PACK
KB5595-FR-EPT	France	Euro-PCT Application	19 Sep 2011	11764634.9	12 Aug 2015	2656000	TRAUMA REDUCING PACK
KB5610-EP-EPT	European Procedure (Patents)	Euro-PCT Application	13 Nov 2014	14824177.1			TIRE CONTAINING NOISE REDUCING FIBROUS LAYERS
KB5610-JP-PCT	Japan	PCT Application	13 Nov 2014	2016-533008			TIRE CONTAINING NOISE REDUCING FIBROUS LAYERS
KB5610-US-NP	United States Of America	National Patent	20 Nov 2013	14/084699	21 Jun 2016	9370970	TIRE CONTAINING NOISE REDUCING FIBROUS LAYERS
KB5665-CN-NP	China	National Patent	14 Oct 2011	201110317035.4	14 Sep 2016	201110317035.4	COMPOSITE LAMINATE HAVING IMPROVED IMPACT STRENGTH, PREPARATION METHOD AND USE THEREOF
KB5665-JP-PCT	Japan	PCT Application	15 Oct 2012	2014-535984	28 Apr 2017	6132363	COMPOSITE LAMINATE HAVING IMPROVED IMPACT STRENGTH AND THE USE THEREOF
KB5665-KR-PCT	South Korea / Republic of Korea	PCT Application	15 Oct 2012	10-2014-7012568			COMPOSITE LAMINATE HAVING IMPROVED IMPACT STRENGTH AND THE USE THEREOF
KB5680-CA-PCT	Canada	PCT Application	07 Sep 2012	2845004			TRIAxIAL BRAID FABRIC ARCHITECTURES FOR IMPROVED SOFT BODY ARMOR BALLISTIC IMPACT PERFORMANCE

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
KB5680-CN-PCT	China	PCT Application	07 Sep 2012	2012800429 31.7	29 Jun 2016	20128004 2931.7	TRIAXIAL BRAID FABRIC ARCHITECTURES FOR IMPROVED SOFT BODY ARMOR BALLISTIC IMPACT PERFORMANCE
KB5680-DE-EPT	Germany	Euro-PCT Application	07 Sep 2012	12775867.0	07 Nov 2018	2753740	TRIAXIAL BRAID FABRIC ARCHITECTURES FOR IMPROVED SOFT BODY ARMOR BALLISTIC IMPACT PERFORMANCE
KB5680-EP-EPT	European Procedure (Patents)	Euro-PCT Application	07 Sep 2012	12775867.0	07 Nov 2018	2753740	TRIAXIAL BRAID FABRIC ARCHITECTURES FOR IMPROVED SOFT BODY ARMOR BALLISTIC IMPACT PERFORMANCE
KB5680-FR-EPT	France	Euro-PCT Application	07 Sep 2012	12775867.0	07 Nov 2018	2753740	TRIAXIAL BRAID FABRIC ARCHITECTURES FOR IMPROVED SOFT BODY ARMOR BALLISTIC IMPACT PERFORMANCE
KB5680-GB-EPT	United Kingdom	Euro-PCT Application	07 Sep 2012	12775867.0	07 Nov 2018	2753740	TRIAXIAL BRAID FABRIC ARCHITECTURES FOR IMPROVED SOFT BODY ARMOR BALLISTIC IMPACT PERFORMANCE
KB5680-US-NP	United States Of America	National Patent	07 Sep 2011	13/226583	21 May 2013	8443706	TRIAXIAL BRAID FABRIC ARCHITECTURES FOR IMPROVED SOFT BODY ARMOR BALLISTIC IMPACT PERFORMANCE
KB5690-EP-EPT	European Procedure (Patents)	Euro-PCT Application	12 Dec 2013	13819113.5			CUT RESISTANT ARTICLES
KB5690-JP-PCT	Japan	PCT Application	12 Dec 2013	2015-547540	13 Jul 2018	6366146	CUT RESISTANT ARTICLES

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
KB5735-EP-EPT	European Procedure (Patents)	Euro-PCT Application	20 Feb 2014	14707921.4			UNBALANCED HYBRID CORDS AND METHODS FOR MAKING ON CABLE CORDING MACHINES
KB5735-JP-PCT	Japan	PCT Application	20 Feb 2014	2015-558932	11 May 2018	6336491	UNBALANCED HYBRID CORDS AND METHODS FOR MAKING ON CABLE CORDING MACHINES
KB5735-US-DIV	United States Of America	National Patent Divisional	02 Oct 2015	14/873287			UNBALANCED HYBRID CORDS AND METHODS FOR MAKING ON CABLE CORDING MACHINES
KB5735-US-NP	United States Of America	National Patent	27 Feb 2013	13/778595	03 Nov 2015	9175425	UNBALANCED HYBRID CORDS AND METHODS FOR MAKING ON CABLE CORDING MACHINES
KB5765-EP-EPA	European Procedure (Patents)	European Application	30 May 2013	13169943.1			KNIT FABRIC AND AN ARTICLE COMPRISING SAME
KB5765-US-DIV	United States Of America	National Patent Divisional	25 Nov 2015	14/951558	14 Mar 2017	9593784	KNIT FABRIC AND AN ARTICLE COMPRISING SAME
KB5765-US-NP	United States Of America	National Patent	30 May 2013	13/905522	17 Nov 2015	9188255	KNIT FABRIC AND AN ARTICLE COMPRISING SAME
KB5795-CN-PCT	China	PCT Application	09 Jan 2014	2014800044 26.2	03 Jul 2018	20148000 4426.2	TIRE OVERLAY COMPOSITION
KB5795-EP-EPT	European Procedure (Patents)	Euro-PCT Application	09 Jan 2014	14702680.1			TIRE OVERLAY COMPOSITION
KB5795-JP-PCT	Japan	PCT Application	09 Jan 2014	2015-552761	11 May 2018	6335193	TIRE OVERLAY COMPOSITION
KB5795-US-NP	United States Of America	National Patent	09 Jan 2014	14/151115	04 Apr 2017	9610807	TIRE OVERLAY COMPOSITION
KB5805-DE-NP	Germany	National Patent	09 May 2014	1020140069 12.5	13 Jul 2017	10201400 6912.5	METHOD AND SPECIMEN FOR TESTING TIRE NOISE

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
KB5805-LU-NP	Luxembourg	National Patent	07 May 2014	92447	21 Dec 2015	92447	METHOD AND SPECIMEN FOR TESTING TIRE NOISE
KB5810-CN-PCT	China	PCT Application	25 Oct 2013	2013800557 32.4	15 Dec 2017	20138005 5732.4	COMPOSITE LAYER FOR REINFORCEMENT OF OBJECTS SUCH AS TIRES OR BELTS
KB5810-EP-EPT	European Procedure (Patents)	Euro-PCT Application	25 Oct 2013	13786848.5			COMPOSITE LAYER FOR REINFORCEMENT OF OBJECTS SUCH AS TIRES OR BELTS
KB5810-JP-PCT	Japan	PCT Application	25 Oct 2013	2015-539835	18 May 2018	6338291	COMPOSITE LAYER FOR REINFORCEMENT OF OBJECTS SUCH AS TIRES OR BELTS
KB5815-DE-EPT	Germany	Euro-PCT Application	04 Mar 2014	14710771.8	21 Dec 2016	60201400 5682.2	CONTINUOUS PROCESS FOR PROVIDING SUPERHEATED LIQUID TO A VESSEL
KB5815-EP-EPT	European Procedure (Patents)	Euro-PCT Application	04 Mar 2014	14710771.8	21 Dec 2016	2969088	CONTINUOUS PROCESS FOR PROVIDING SUPERHEATED LIQUID TO A VESSEL
KB5815-FR-EPT	France	Euro-PCT Application	04 Mar 2014	14710771.8	21 Dec 2016	2969088	CONTINUOUS PROCESS FOR PROVIDING SUPERHEATED LIQUID TO A VESSEL
KB5815-JP-PCT	Japan	PCT Application	04 Mar 2014	2016-500616	09 Feb 2018	6285531	CONTINUOUS PROCESS FOR PROVIDING SUPERHEATED LIQUID TO A VESSEL
KB5815-KR-PCT	South Korea / Republic of Korea	PCT Application	04 Mar 2014	10-2015- 7024487			CONTINUOUS PROCESS FOR PROVIDING SUPERHEATED LIQUID TO A VESSEL

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
KB5815-NL-EPT	Netherlands	Euro-PCT Application	04 Mar 2014	14710771.8	21 Dec 2016	2969088	CONTINUOUS PROCESS FOR PROVIDING SUPERHEATED LIQUID TO A VESSEL
KB5815-US-NP	United States Of America	National Patent	04 Mar 2014	14/195987	01 Sep 2015	9121648	CONTINUOUS PROCESS FOR PROVIDING SUPERHEATED LIQUID TO A VESSEL
KB5895-CA-PCT	Canada	PCT Application	24 Apr 2014	2,909,538			BALLISTIC RESISTANT ARMOR ARTICLE
KB5895-CN-PCT	China	PCT Application	24 Apr 2014	201480023646.X	05 Apr 2017	201480023646.X	BALLISTIC RESISTANT ARMOR ARTICLE
KB5895-DE-EPT	Germany	Euro-PCT Application	24 Apr 2014	14799244.0	17 May 2017	602014010030.9	BALLISTIC RESISTANT ARMOR ARTICLE
KB5895-EP-EPT	European Procedure (Patents)	Euro-PCT Application	24 Apr 2014	14799244.0	17 May 2017	2989412	BALLISTIC RESISTANT ARMOR ARTICLE
KB5895-FR-EPT	France	Euro-PCT Application	24 Apr 2014	14799244.0	17 May 2017	2989412	BALLISTIC RESISTANT ARMOR ARTICLE
KB5895-GB-EPT	United Kingdom	Euro-PCT Application	24 Apr 2014	14799244.0	17 May 2017	2989412	BALLISTIC RESISTANT ARMOR ARTICLE
KB5895-JP-PCT	Japan	PCT Application	24 Apr 2014	2016-510772	11 May 2018	6333958	BALLISTIC RESISTANT ARMOR ARTICLE
KB5895-US-NP	United States Of America	National Patent	26 Apr 2013	13/871121	12 Jul 2016	9389047	BALLISTIC RESISTANT ARMOR ARTICLE
KB5935-US-NP	United States Of America	National Patent	22 Jul 2013	13/947185	05 Jan 2016	9227467	PNEUMATIC TIRE
KB5970-CN-PCT	China	PCT Application	28 Jul 2015	201580040612.6			PROCESS FOR MAKING A YARN HAVING IMPROVED STRENGTH RETENTION AND YARN MADE THEREBY

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
KB5970-DE-EPT	Germany	Euro-PCT Application	28 Jul 2015	15753243.3	20 Jun 2018	602015012571.1	PROCESS FOR MAKING A YARN HAVING IMPROVED STRENGTH RETENTION AND YARN MADE THEREBY
KB5970-EP-EPT	European Procedure (Patents)	Euro-PCT Application	28 Jul 2015	15753243.3	20 Jun 2018	3175024	PROCESS FOR MAKING A YARN HAVING IMPROVED STRENGTH RETENTION AND YARN MADE THEREBY
KB5970-FR-EPT	France	Euro-PCT Application	28 Jul 2015	15753243.3	20 Jun 2018	3175024	PROCESS FOR MAKING A YARN HAVING IMPROVED STRENGTH RETENTION AND YARN MADE THEREBY
KB5970-GB-EPT	United Kingdom	Euro-PCT Application	28 Jul 2015	15753243.3	20 Jun 2018	3175024	PROCESS FOR MAKING A YARN HAVING IMPROVED STRENGTH RETENTION AND YARN MADE THEREBY
KB5970-JP-PCT	Japan	PCT Application	28 Jul 2015	2017-505446			PROCESS FOR MAKING A YARN HAVING IMPROVED STRENGTH RETENTION AND YARN MADE THEREBY
KB5970-KR-PCT	South Korea / Republic of Korea	PCT Application	28 Jul 2015	10-2017-7002549			PROCESS FOR MAKING A YARN HAVING IMPROVED STRENGTH RETENTION AND YARN MADE THEREBY
KB5970-NL-EPT	Netherlands	Euro-PCT Application	28 Jul 2015	15753243.3	20 Jun 2018	3175024	PROCESS FOR MAKING A YARN HAVING IMPROVED STRENGTH RETENTION AND YARN MADE THEREBY
KB5970-US-NP	United States Of America	National Patent	21 Jul 2015	14/804439	05 Sep 2017	9752256	PROCESS FOR MAKING A YARN HAVING IMPROVED STRENGTH RETENTION AND YARN MADE THEREBY

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
KB5975-CA-PCT	Canada	PCT Application	17 Nov 2014	2929608			COMPOSITES AND BALLISTIC RESISTANT ARMOR ARTICLES CONTAINING THE COMPOSITES
KB5975-CN-PCT	China	PCT Application	17 Nov 2014	201480062998.6	06 Apr 2018	201480062998.6	COMPOSITES AND BALLISTIC RESISTANT ARMOR ARTICLES CONTAINING THE COMPOSITES
KB5975-DE-EPT	Germany	Euro-PCT Application	17 Nov 2014	14866796.7	16 Jan 2019	602014040187.2	COMPOSITES AND BALLISTIC RESISTANT ARMOR ARTICLES CONTAINING THE COMPOSITES
KB5975-EP-EPT	European Procedure (Patents)	Euro-PCT Application	17 Nov 2014	14866796.7	16 Jan 2019	3071922	COMPOSITES AND BALLISTIC RESISTANT ARMOR ARTICLES CONTAINING THE COMPOSITES
KB5975-FR-EPT	France	Euro-PCT Application	17 Nov 2014	14866796.7	16 Jan 2019	3071922	COMPOSITES AND BALLISTIC RESISTANT ARMOR ARTICLES CONTAINING THE COMPOSITES
KB5975-GB-EPT	United Kingdom	Euro-PCT Application	17 Nov 2014	14866796.7	16 Jan 2019	3071922	COMPOSITES AND BALLISTIC RESISTANT ARMOR ARTICLES CONTAINING THE COMPOSITES
KB5975-IT-EPT	Italy	Euro-PCT Application	17 Nov 2014	14866796.7	16 Jan 2019	3071922	COMPOSITES AND BALLISTIC RESISTANT ARMOR ARTICLES CONTAINING THE COMPOSITES
KB5975-JP-PCT	Japan	PCT Application	17 Nov 2014	2016-532052			COMPOSITES AND BALLISTIC RESISTANT ARMOR ARTICLES CONTAINING THE COMPOSITES

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
KB5975-KR-PCT	South Korea / Republic of Korea	PCT Application	17 Nov 2014	10-2016-7012592			COMPOSITES AND BALLISTIC RESISTANT ARMOR ARTICLES CONTAINING THE COMPOSITES
KB5975-US-PCT	United States Of America	PCT Application	17 Nov 2014	15/036233			COMPOSITES AND BALLISTIC RESISTANT ARMOR ARTICLES CONTAINING THE COMPOSITES
KB5980-JP-PCT	Japan	PCT Application	23 Jan 2015	2016-566860			LIGHT WEIGHT TRAUMA REDUCING BODY ARMOR
KB5990-EP-EPT	European Procedure (Patents)	Euro-PCT Application	17 Nov 2014	14809191.1			METHOD TO PRODUCE BALLISTIC AND STAB RESISTANT STRUCTURES FOR GARMENTS AND STRUCTURES PRODUCED BY THE METHOD
KB5991-CA-PCT	Canada	PCT Application	02 May 2016	2978104			BALLISTIC AND STAB RESISTANT COMPOSITE
KB5991-CN-PCT	China	PCT Application	02 May 2016	201680026818.8			BALLISTIC AND STAB RESISTANT COMPOSITE
KB5991-EP-EPT	European Procedure (Patents)	Euro-PCT Application	02 May 2016	16733749.2			BALLISTIC AND STAB RESISTANT COMPOSITE
KB5991-JP-PCT	Japan	PCT Application	02 May 2016	2017-558443			BALLISTIC AND STAB RESISTANT COMPOSITE
KB5991-US-NP	United States Of America	National Patent	06 Apr 2016	15/091982			BALLISTIC AND STAB RESISTANT COMPOSITE
KB6000-CN-NP	China	National Patent	28 Mar 2014	201410122526.7	24 Apr 2018	201410122526.7	FIBER-REINFORCED COMPOSITE LAMINATE AND ARTICLES MADE THEREFROM

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
KB6000-CN-UM	China	Utility Model	28 Mar 2014	201420147328.1	10 Dec 2014	201420147328.1	FIBER-REINFORCED COMPOSITE LAMINATE AND ARTICLES MADE THEREFROM
KB6000-EP-EPT	European Procedure (Patents)	Euro-PCT Application	30 Mar 2015	15716328.8			FIBER-REINFORCED COMPOSITE LAMINATE AND ARTICLES MADE THEREFROM
KB6000-JP-PCT	Japan	PCT Application	30 Mar 2015	2016-559535			FIBER-REINFORCED COMPOSITE LAMINATE AND ARTICLES MADE THEREFROM
KB6000-US-PCT	United States Of America	PCT Application	30 Mar 2015	15/127950			FIBER-REINFORCED COMPOSITE LAMINATE AND ARTICLES MADE THEREFROM
KB6020-CN-DIV	China	National Patent Divisional	14 Jan 2015	201510018441.9			THERMOPLASTIC COMPOSITE LAMINATE AND ARTICLES MANUFACTURED THEREFROM
KB6020-CN-UM	China	Utility Model	30 May 2014	201420287591.0	25 Feb 2015	201420287591.0	THERMOPLASTIC COMPOSITE LAMINATE AND ARTICLES MANUFACTURED THEREFROM
KB6020-EP-EPT	European Procedure (Patents)	Euro-PCT Application	29 May 2015	15728345.8			THERMOPLASTIC COMPOSITE LAMINATE AND ARTICLES MANUFACTURED THEREFROM
KB6020-JP-PCT	Japan	PCT Application	29 May 2015	2016-570285			THERMOPLASTIC COMPOSITE LAMINATE AND ARTICLES MANUFACTURED THEREFROM
KB6020-US-PCT	United States Of America	PCT Application	29 May 2015	15/313204			THERMOPLASTIC COMPOSITE LAMINATE AND ARTICLES MANUFACTURED THEREFROM

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
KB6040-CN-PCT	China	PCT Application	24 Nov 2015	2015800677 73.4			KNIT REINFORCING FABRIC
KB6040-EP-EPT	European Procedure (Patents)	Euro-PCT Application	24 Nov 2015	15808308.9			KNIT REINFORCING FABRIC
KB6040-JP-PCT	Japan	PCT Application	24 Nov 2015	2017-528899			KNIT REINFORCING FABRIC
KB6040-KR-PCT	South Korea / Republic of Korea	PCT Application	24 Nov 2015	10-2017-7015598			KNIT REINFORCING FABRIC
KB6040-US-NP	United States Of America	National Patent	15 Oct 2015	14/883937			KNIT REINFORCING FABRIC
KB6055-CA-PCT	Canada	PCT Application	25 Apr 2017	3010635			LIGHT WEIGHT COATED FABRICS AS TRAUMA REDUCING BODY ARMOR
KB6055-CN-PCT	China	PCT Application	25 Apr 2017	PCT/US17/29259			LIGHT WEIGHT COATED FABRICS AS TRAUMA REDUCING BODY ARMOR
KB6055-EP-EPT	European Procedure (Patents)	Euro-PCT Application	25 Apr 2017	17793012.0			LIGHT WEIGHT COATED FABRICS AS TRAUMA REDUCING BODY ARMOR
KB6055-JP-PCT	Japan	PCT Application	25 Apr 2017	PCT/US17/29259			LIGHT WEIGHT COATED FABRICS AS TRAUMA REDUCING BODY ARMOR
KB6055-US-PCT	United States Of America	PCT Application	25 Apr 2017	16/086360			LIGHT WEIGHT COATED FABRICS AS TRAUMA REDUCING BODY ARMOR
KB6055-WO-PCT	International Procedure	PCT Application	25 Apr 2017	PCT/US17/29259			LIGHT WEIGHT COATED FABRICS AS TRAUMA REDUCING BODY ARMOR
KB6075-CN-NP	China	National Patent	14 Dec 2015	2015109249 82.8			THERMOPLASTIC COMPOSITE LAMINATE AND ARTICLES MANUFACTURED THEREFROM

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
KB6075-EP-EPT	European Procedure (Patents)	Euro-PCT Application	08 Dec 2016	16822560.5			THERMOPLASTIC COMPOSITE LAMINATE AND ARTICLES MANUFACTURED THEREFROM
KB6075-JP-PCT	Japan	PCT Application	08 Dec 2016	2018-531179			THERMOPLASTIC COMPOSITE LAMINATE AND ARTICLES MANUFACTURED THEREFROM
KB6075-KR-PCT	South Korea / Republic of Korea	PCT Application	08 Dec 2016	10-2018-7017790			THERMOPLASTIC COMPOSITE LAMINATE AND ARTICLES MANUFACTURED THEREFROM
KB6075-TW-NP	Taiwan	National Patent	13 Dec 2016	105141191			THERMOPLASTIC COMPOSITE LAMINATE AND ARTICLES MANUFACTURED THEREFROM
KB6075-US-PCT	United States Of America	PCT Application	08 Dec 2016	16/061549			THERMOPLASTIC COMPOSITE LAMINATE AND ARTICLES MANUFACTURED THEREFROM
KB6080-US-NP	United States Of America	National Patent	11 Sep 2017	15/700240			FABRIC HAVING A CUT-RESISTANT COATING COMPRISING PARA-ARAMID PARTICLES
KB6080-WO-PCT	International Procedure	PCT Application	12 Sep 2017	PCT/US17/51110			FABRIC HAVING A CUT-RESISTANT COATING COMPRISING PARA-ARAMID PARTICLES
KB6100-US-NP	United States Of America	National Patent	22 Oct 2018	16/166296			PAPER COMPRISING ARAMID PULP AND A FRICTION PAPER MADE THEREFROM
KB6100-WO-PCT	International Procedure	PCT Application	29 Oct 2018	PCT/US18/57997			PAPER COMPRISING ARAMID PULP AND A FRICTION PAPER MADE THEREFROM

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
KB6105-CN-NP	China	National Patent	14 Oct 2016	2016109004 34.6			PROTECTIVE NETS FOR ROCK CATCHING IN TUNNELS
KB6105-CN-UM	China	Utility Model	14 Oct 2016	2016211243 08.8	05 Dec 2017	20162112 4308.8	ROCK CATCHING NET FOR TUNNEL PROTECTION
KB6105-WO-PCT	International Procedure	PCT Application	23 Aug 2017	PCT/US17/4 8140			PROTECTIVE NET FOR CATCHING FALLING ROCKS IN TUNNELS
KB6110-CN-NP	China	National Patent	21 Aug 2017	2017107183 88.2			THERMOPLASTIC COMPOSITE LAMINATE AND ARTICLES MANUFACTURED THEREFROM
KB6110-CN-UM	China	Utility Model	21 Aug 2017	2017210450 99.2	17 Jul 2018	20172104 5099.2	THERMOPLASTIC COMPOSITE LAMINATE AND ARTICLES MANUFACTURED THEREFROM
KB6115-US-NP	United States Of America	National Patent	02 Aug 2018	16/053100			PROTECTIVE GLOVE HAVING SELF-OCCLUDING CUFF
KB6115-WO-PCT	International Procedure	PCT Application	18 Sep 2018	PCT/US18/5 1473			PROTECTIVE GLOVE HAVING SELF-OCCLUDING CUFF
KB6125-US-PSP	United States Of America	Provisional Application	14 Aug 2018	62/718447			HIGH TENSILE STRENGTH PAPER SUITABLE FOR USE IN ELECTROCHEMICAL CELLS
KB6135-CN-NP	China	National Patent	09 Aug 2018	2018109019 92.3			MULTI-LAYERS' ARAMID FABRICS FOR CUT & PUNCTURE RESISTANT APPAREL APPLICATION
KB6135-CN-UM	China	Utility Model	09 Aug 2018	2018212793 82.6			MULTI-LAYERS' ARAMID FABRICS FOR CUT & PUNCTURE RESISTANT APPAREL APPLICATION
KP2310-JP-PCT	Japan	PCT Application	17 Jul 2002	515722/03	03 Jun 2011	4754781	NONWOVEN MATERIAL FOR LOW FRICTION BEARING SURFACES

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
KP2310-US-DIV	United States Of America	National Patent Divisional	03 Nov 2005	11/266712	24 Jul 2007	7247587	NONWOVEN MATERIAL FOR LOW FRICTION BEARING SURFACES
KP2310-US-NP	United States Of America	National Patent	24 Jul 2001	09/911528	21 Mar 2006	7015159	NONWOVEN MATERIAL FOR LOW FRICTION BEARING SURFACES
PB0040-CN-PCT	China	PCT Application	27 Mar 2006	200680009812.6	17 Nov 2010	200680009812.6	PROCESS FOR HYDROLYZING POLYPHOSPHORIC ACID IN A SPUN YARN
PB0040-DE-EPT	Germany	Euro-PCT Application	27 Mar 2006	06748889.0	13 Jun 2012	602006030138.3	PROCESS FOR HYDROLYZING POLYPHOSPHORIC ACID IN A SPUN YARN
PB0040-EP-EPT	European Procedure (Patents)	Euro-PCT Application	27 Mar 2006	06748889.0	13 Jun 2012	1863957	PROCESS FOR HYDROLYZING POLYPHOSPHORIC ACID IN A SPUN YARN
PB0040-FR-EPT	France	Euro-PCT Application	27 Mar 2006	06748889.0	13 Jun 2012	1863957	PROCESS FOR HYDROLYZING POLYPHOSPHORIC ACID IN A SPUN YARN
PB0040-GB-EPT	United Kingdom	Euro-PCT Application	27 Mar 2006	06748889.0	13 Jun 2012	1863957	PROCESS FOR HYDROLYZING POLYPHOSPHORIC ACID IN A SPUN YARN
PB0040-JP-PCT	Japan	PCT Application	27 Mar 2006	504321/08	24 Jun 2011	4769291	PROCESS FOR HYDROLYZING POLYPHOSPHORIC ACID IN A SPUN YARN
PB0040-KR-PCT	South Korea / Republic of Korea	PCT Application	27 Mar 2006	10-2007-7024758	29 Nov 2013	1337688	PROCESS FOR HYDROLYZING POLYPHOSPHORIC ACID IN A SPUN YARN
PB0040-NL-EPT	Netherlands	Euro-PCT Application	27 Mar 2006	06748889.0	13 Jun 2012	1863957	PROCESS FOR HYDROLYZING POLYPHOSPHORIC ACID IN A SPUN YARN
PB0040-US-PCT	United States Of America	PCT Application	27 Mar 2006	11/909659	15 Mar 2011	7906615	PROCESS FOR HYDROLYZING POLYPHOSPHORIC ACID IN A SPUN YARN

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
PB0041-CN-PCT	China	PCT Application	27 Mar 2006	200680009825.3	08 Dec 2010	200680009825.3	PROCESS FOR REMOVING PHOSPHORUS FROM A FIBER OR YARN
PB0041-DE-EPT	Germany	Euro-PCT Application	27 Mar 2006	06748888.2	12 Jan 2011	602006019564.8	PROCESS FOR REMOVING PHOSPHORUS FROM A FIBER OR YARN
PB0041-EP-EPT	European Procedure (Patents)	Euro-PCT Application	27 Mar 2006	06748888.2	12 Jan 2011	1863956	PROCESS FOR REMOVING PHOSPHORUS FROM A FIBER OR YARN
PB0041-FR-EPT	France	Euro-PCT Application	27 Mar 2006	06748888.2	12 Jan 2011	1863956	PROCESS FOR REMOVING PHOSPHORUS FROM A FIBER OR YARN
PB0041-GB-EPT	United Kingdom	Euro-PCT Application	27 Mar 2006	06748888.2	12 Jan 2011	1863956	PROCESS FOR REMOVING PHOSPHORUS FROM A FIBER OR YARN
PB0041-JP-PCT	Japan	PCT Application	27 Mar 2006	504320/08	24 Jun 2011	4769290	PROCESS FOR REMOVING PHOSPHORUS FROM A FIBER OR YARN
PB0041-KR-PCT	South Korea / Republic of Korea	PCT Application	27 Mar 2006	10-2007-7024744	29 Nov 2013	1337734	PROCESS FOR REMOVING PHOSPHORUS FROM A FIBER OR YARN
PB0041-NL-EPT	Netherlands	Euro-PCT Application	27 Mar 2006	06748888.2	12 Jan 2011	1863956	PROCESS FOR REMOVING PHOSPHORUS FROM A FIBER OR YARN
PB0041-US-PCT	United States Of America	PCT Application	27 Mar 2006	11/909670	15 Feb 2011	7888457	PROCESS FOR REMOVING PHOSPHORUS FROM A FIBER OR YARN
PB0045-CN-PCT	China	PCT Application	27 Mar 2006	200680010138.3	13 Jun 2012	200680010138.3	FUSION-FREE HYDROLYSIS OF POLYPHOSPHORIC ACID IN SPUN MULTIFILAMENT YARNS

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
PB0045-DE-EPT	Germany	Euro-PCT Application	27 Mar 2006	06740064.8	12 Jan 2011	602006019573.7	FUSION-FREE HYDROLYSIS OF POLYPHOSPHORIC ACID IN SPUN MULTIFILAMENT YARNS
PB0045-EP-EPT	European Procedure (Patents)	Euro-PCT Application	27 Mar 2006	06740064.8	12 Jan 2011	1871933	FUSION-FREE HYDROLYSIS OF POLYPHOSPHORIC ACID IN SPUN MULTIFILAMENT YARNS
PB0045-FR-EPT	France	Euro-PCT Application	27 Mar 2006	06740064.8	12 Jan 2011	1871933	FUSION-FREE HYDROLYSIS OF POLYPHOSPHORIC ACID IN SPUN MULTIFILAMENT YARNS
PB0045-GB-EPT	United Kingdom	Euro-PCT Application	27 Mar 2006	06740064.8	12 Jan 2011	1871933	FUSION-FREE HYDROLYSIS OF POLYPHOSPHORIC ACID IN SPUN MULTIFILAMENT YARNS
PB0045-JP-PCT	Japan	PCT Application	27 Mar 2006	504373/08	24 Jun 2011	4769295	FUSION-FREE HYDROLYSIS OF POLYPHOSPHORIC ACID IN SPUN MULTIFILAMENT YARNS
PB0045-KR-PCT	South Korea / Republic of Korea	PCT Application	27 Mar 2006	10-2007-7024785	04 Nov 2013	1327612	FUSION-FREE HYDROLYSIS OF POLYPHOSPHORIC ACID IN SPUN MULTIFILAMENT YARNS
PB0045-NL-EPT	Netherlands	Euro-PCT Application	27 Mar 2006	06740064.8	12 Jan 2011	1871933	FUSION-FREE HYDROLYSIS OF POLYPHOSPHORIC ACID IN SPUN MULTIFILAMENT YARNS
PB0045-US-PCT	United States Of America	PCT Application	27 Mar 2006	11/909660	19 Jun 2012	8202965	FUSION-FREE HYDROLYSIS OF POLYPHOSPHORIC ACID IN SPUN MULTIFILAMENT YARNS

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
PB0046-CN-PCT	China	PCT Application	27 Mar 2006	2006800101 37.9	29 Dec 2010	20068001 0137.9	HOT SURFACE HYDROLYSIS OF POLYPHOSPHORIC ACID IN SPUN YARNS
PB0046-DE-EPT	Germany	Euro-PCT Application	27 Mar 2006	06740063.0	12 Jan 2011	60200601 9572.9	HOT SURFACE HYDROLYSIS OF POLYPHOSPHORIC ACID IN SPUN YARNS
PB0046-EP-EPT	European Procedure (Patents)	Euro-PCT Application	27 Mar 2006	06740063.0	12 Jan 2011	1871932	HOT SURFACE HYDROLYSIS OF POLYPHOSPHORIC ACID IN SPUN YARNS
PB0046-FR-EPT	France	Euro-PCT Application	27 Mar 2006	06740063.0	12 Jan 2011	1871932	HOT SURFACE HYDROLYSIS OF POLYPHOSPHORIC ACID IN SPUN YARNS
PB0046-GB-EPT	United Kingdom	Euro-PCT Application	27 Mar 2006	06740063.0	12 Jan 2011	1871932	HOT SURFACE HYDROLYSIS OF POLYPHOSPHORIC ACID IN SPUN YARNS
PB0046-JP-PCT	Japan	PCT Application	27 Mar 2006	504372/08	24 Jun 2011	4769294	HOT SURFACE HYDROLYSIS OF POLYPHOSPHORIC ACID IN SPUN YARNS
PB0046-KR-PCT	South Korea / Republic of Korea	PCT Application	27 Mar 2006	10-2007-7024786	04 Nov 2013	1327706	HOT SURFACE HYDROLYSIS OF POLYPHOSPHORIC ACID IN SPUN YARNS
PB0046-NL-EPT	Netherlands	Euro-PCT Application	27 Mar 2006	06740063.0	12 Jan 2011	1871932	HOT SURFACE HYDROLYSIS OF POLYPHOSPHORIC ACID IN SPUN YARNS
PB0046-US-PCT	United States Of America	PCT Application	27 Mar 2006	11/909950	28 Jun 2011	7968030	HOT SURFACE HYDROLYSIS OF POLYPHOSPHORIC ACID IN SPUN YARNS
PB0047-CN-PCT	China	PCT Application	27 Mar 2006	2006800100 34.2	12 Jan 2011	20068001 0034.2	PROCESSES FOR HYDROLYSIS OF POLYPHOSPHORIC ACID IN POLYARENEAZOLE FILAMENTS

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
PB0047-DE-EPT	Germany	Euro-PCT Application	27 Mar 2006	06739969.1	12 Jan 2011	602006019562.1	PROCESSES FOR HYDROLYSIS OF POLYPHOSPHORIC ACID IN POLYARENEAZOLE FILAMENTS
PB0047-EP-EPT	European Procedure (Patents)	Euro-PCT Application	27 Mar 2006	06739969.1	12 Jan 2011	1863954	PROCESSES FOR HYDROLYSIS OF POLYPHOSPHORIC ACID IN POLYARENEAZOLE FILAMENTS
PB0047-FR-EPT	France	Euro-PCT Application	27 Mar 2006	06739969.1	12 Jan 2011	1863954	PROCESSES FOR HYDROLYSIS OF POLYPHOSPHORIC ACID IN POLYARENEAZOLE FILAMENTS
PB0047-GB-EPT	United Kingdom	Euro-PCT Application	27 Mar 2006	06739969.1	12 Jan 2011	1863954	PROCESSES FOR HYDROLYSIS OF POLYPHOSPHORIC ACID IN POLYARENEAZOLE FILAMENTS
PB0047-JP-PCT	Japan	PCT Application	27 Mar 2006	504324/08	24 Jun 2011	4769292	PROCESSES FOR HYDROLYSIS OF POLYPHOSPHORIC ACID IN POLYARENEAZOLE FILAMENTS
PB0047-KR-PCT	South Korea / Republic of Korea	PCT Application	27 Mar 2006	10-2007-7024837	04 Nov 2013	1327632	PROCESSES FOR HYDROLYSIS OF POLYPHOSPHORIC ACID IN POLYARENEAZOLE FILAMENTS
PB0047-NL-EPT	Netherlands	Euro-PCT Application	27 Mar 2006	06739969.1	12 Jan 2011	1863954	PROCESSES FOR HYDROLYSIS OF POLYPHOSPHORIC ACID IN POLYARENEAZOLE FILAMENTS
PB0047-US-PCT	United States Of America	PCT Application	27 Mar 2006	11/909947	28 Jun 2011	7968029	PROCESSES FOR HYDROLYSIS OF POLYPHOSPHORIC ACID IN POLYARENEAZOLE FILAMENTS

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
PB0048-CN-PCT	China	PCT Application	27 Mar 2006	200680018793.3	12 Oct 2011	200680018793.3	PROCESSES FOR HYDROLYZING POLYPHOSPHORIC ACID IN SHAPED ARTICLES
PB0048-DE-EPT	Germany	Euro-PCT Application	27 Mar 2006	06748796.7	26 Aug 2009	602006008770.5	PROCESSES FOR HYDROLYZING POLYPHOSPHORIC ACID IN SHAPED ARTICLES
PB0048-EP-EPT	European Procedure (Patents)	Euro-PCT Application	27 Mar 2006	06748796.7	26 Aug 2009	1877602	PROCESSES FOR HYDROLYZING POLYPHOSPHORIC ACID IN SHAPED ARTICLES
PB0048-FR-EPT	France	Euro-PCT Application	27 Mar 2006	06748796.7	26 Aug 2009	1877602	PROCESSES FOR HYDROLYZING POLYPHOSPHORIC ACID IN SHAPED ARTICLES
PB0048-GB-EPT	United Kingdom	Euro-PCT Application	27 Mar 2006	06748796.7	26 Aug 2009	1877602	PROCESSES FOR HYDROLYZING POLYPHOSPHORIC ACID IN SHAPED ARTICLES
PB0048-JP-PCT	Japan	PCT Application	27 Mar 2006	504246/08	24 Jun 2011	4769289	PROCESSES FOR HYDROLYZING POLYPHOSPHORIC ACID IN SHAPED ARTICLES
PB0048-KR-PCT	South Korea / Republic of Korea	PCT Application	27 Mar 2006	10-2007-7024826	04 Nov 2013	1327676	PROCESSES FOR HYDROLYZING POLYPHOSPHORIC ACID IN SHAPED ARTICLES
PB0048-NL-EPT	Netherlands	Euro-PCT Application	27 Mar 2006	06748796.7	26 Aug 2009	1877602	PROCESSES FOR HYDROLYZING POLYPHOSPHORIC ACID IN SHAPED ARTICLES
PB0048-US-PCT	United States Of America	PCT Application	27 Mar 2006	11/909948	12 Jul 2011	7977453	PROCESSES FOR HYDROLYZING POLYPHOSPHORIC ACID IN SHAPED ARTICLES
PB0075-CN-PCT	China	PCT Application	30 Oct 2007	200780040346.2	05 Dec 2012	200780040346.2	PROCESS AND APPARATUS FOR THE PRODUCTION OF YARN
PB0075-DE-EPT	Germany	Euro-PCT Application	30 Oct 2007	07844702.6	06 Jun 2012	602007023220.1	PROCESS AND APPARATUS FOR THE PRODUCTION OF YARN

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
PB0075-EP-EPT	European Procedure (Patents)	Euro-PCT Application	30 Oct 2007	07844702.6	06 Jun 2012	2078106	PROCESS AND APPARATUS FOR THE PRODUCTION OF YARN
PB0075-EP-ETD	European Procedure (Patents)	Euro-PCT Application Divisional	29 Mar 2012	12162236.9	02 Oct 2013	2489765	PROCESS AND APPARATUS FOR THE PRODUCTION OF YARN
PB0075-FR-EPT	France	Euro-PCT Application	30 Oct 2007	07844702.6	06 Jun 2012	2078106	PROCESS AND APPARATUS FOR THE PRODUCTION OF YARN
PB0075-GB-EPT	United Kingdom	Euro-PCT Application	30 Oct 2007	07844702.6	06 Jun 2012	2078106	PROCESS AND APPARATUS FOR THE PRODUCTION OF YARN
PB0075-JP-PCT	Japan	PCT Application	30 Oct 2007	535418/09	13 Apr 2012	4968610	PROCESS AND APPARATUS FOR THE PRODUCTION OF YARN
PB0075-KR-PCT	South Korea / Republic of Korea	PCT Application	30 Oct 2007	10-2009-7010184	19 Mar 2014	1378290	PROCESS AND APPARATUS FOR THE PRODUCTION OF YARN
PB0075-NL-EPT	Netherlands	Euro-PCT Application	30 Oct 2007	07844702.6	06 Jun 2012	2078106	PROCESS AND APPARATUS FOR THE PRODUCTION OF YARN
PB0075-NL-ETD	Netherlands	Euro-PCT Application Divisional	29 Mar 2012	12162236.9	02 Oct 2013	2489765	PROCESS AND APPARATUS FOR THE PRODUCTION OF YARN
PB0075-US-PCT	United States Of America	PCT Application	30 Oct 2007	12/443825	16 Apr 2013	8419989	PROCESS AND APPARATUS FOR THE PRODUCTION OF YARN
PB0090-US-PCT	United States Of America	PCT Application	27 Mar 2006	11/911140	12 Jan 2010	7645948	SOLIDS HANDLING APPARATUS AND METHOD
PB0095-CN-PCT	China	PCT Application	27 Mar 2006	2006800188 10.3	03 Oct 2012	20068001 8810.3	PROCESS FOR THE PRODUCTION OF POLYARENAZOLE POLYMER

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
PB0095-DE-EPT	Germany	Euro-PCT Application	27 Mar 2006	06739679.6	26 Feb 2014	1877466	PROCESS FOR THE PRODUCTION OF POLYARENAZOLE POLYMER
PB0095-EP-EPT	European Procedure (Patents)	Euro-PCT Application	27 Mar 2006	06739679.6	26 Feb 2014	1877466	PROCESS FOR THE PRODUCTION OF POLYARENAZOLE POLYMER
PB0095-FR-EPT	France	Euro-PCT Application	27 Mar 2006	06739679.6	26 Feb 2014	1877466	PROCESS FOR THE PRODUCTION OF POLYARENAZOLE POLYMER
PB0095-GB-EPT	United Kingdom	Euro-PCT Application	27 Mar 2006	06739679.6	26 Feb 2014	602006040389.5	PROCESS FOR THE PRODUCTION OF POLYARENAZOLE POLYMER
PB0095-JP-PCT	Japan	PCT Application	27 Mar 2006	504213/08	13 Jul 2012	5036700	PROCESS FOR THE PRODUCTION OF POLYARENAZOLE POLYMER
PB0095-KR-PCT	South Korea / Republic of Korea	PCT Application	27 Mar 2006	10-2007-7024835	28 Nov 2013	1337050	PROCESS FOR THE PRODUCTION OF POLYARENAZOLE POLYMER
PB0095-NL-EPT	Netherlands	Euro-PCT Application	27 Mar 2006	06739679.6	26 Feb 2014	1877466	PROCESS FOR THE PRODUCTION OF POLYARENAZOLE POLYMER
PB0095-US-NP	United States Of America	National Patent	27 Mar 2006	11/390898	23 Mar 2010	7683157	PROCESS FOR THE PRODUCTION OF POLYARENAZOLE POLYMER
PB0096-CN-PCT	China	PCT Application	27 Mar 2006	200680018811.8	27 Jul 2011	200680018811.8	PROCESS FOR THE PRODUCTION OF POLYARENAZOLE YARN
PB0096-DE-EPT	Germany	Euro-PCT Application	27 Mar 2006	06799896.3	17 Dec 2008	602006004323.6	PROCESS FOR THE PRODUCTION OF POLYARENAZOLE YARN
PB0096-EP-EPT	European Procedure (Patents)	Euro-PCT Application	27 Mar 2006	06799896.3	17 Dec 2008	1866467	PROCESS FOR THE PRODUCTION OF POLYARENAZOLE YARN

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
PB0096-FR-EPT	France	Euro-PCT Application	27 Mar 2006	06799896.3	17 Dec 2008	1866467	PROCESS FOR THE PRODUCTION OF POLYARENAZOLE YARN
PB0096-GB-EPT	United Kingdom	Euro-PCT Application	27 Mar 2006	06799896.3	17 Dec 2008	1866467	PROCESS FOR THE PRODUCTION OF POLYARENAZOLE YARN
PB0096-JP-PCT	Japan	PCT Application	27 Mar 2006	504365/08	24 Jun 2011	4769293	PROCESS FOR THE PRODUCTION OF POLYARENAZOLE YARN
PB0096-KR-PCT	South Korea / Republic of Korea	PCT Application	27 Mar 2006	10-2007-7024817	04 Nov 2013	1327714	PROCESS FOR THE PRODUCTION OF POLYARENAZOLE YARN
PB0096-NL-EPT	Netherlands	Euro-PCT Application	27 Mar 2006	06799896.3	17 Dec 2008	1866467	PROCESS FOR THE PRODUCTION OF POLYARENAZOLE YARN
PB0096-US-PCT	United States Of America	PCT Application	27 Mar 2006	11/909934	17 Aug 2010	7776246	PROCESS FOR THE PRODUCTION OF POLYARENAZOLE YARN
PB0115-US-PCT	United States Of America	PCT Application	27 Mar 2006	11/911145	23 Mar 2010	7683271	SYSTEM FOR ACCURATELY WEIGHING SOLIDS AND CONTROL MECHANISM FOR SAME
PB0145-CN-PCT	China	PCT Application	26 Jul 2007	200780028744.2	06 Apr 2011	200780028744.2	NONWOVEN WEB COMPRISING POLYARENAZOLE MICROFIBERS AND PROCESS FOR MAKING SAME
PB0145-DE-EPT	Germany	Euro-PCT Application	26 Jul 2007	07813404.6	03 Nov 2010	602007010308.8	NONWOVEN WEB COMPRISING POLYARENAZOLE MICROFIBERS AND PROCESS FOR MAKING SAME
PB0145-EP-EPT	European Procedure (Patents)	Euro-PCT Application	26 Jul 2007	07813404.6	03 Nov 2010	2047019	NONWOVEN WEB COMPRISING POLYARENAZOLE MICROFIBERS AND PROCESS FOR MAKING SAME

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
PB0145-FR-EPT	France	Euro-PCT Application	26 Jul 2007	07813404.6	03 Nov 2010	2047019	NONWOVEN WEB COMPRISING POLYARENAZOLE MICROFIBERS AND PROCESS FOR MAKING SAME
PB0145-GB-EPT	United Kingdom	Euro-PCT Application	26 Jul 2007	07813404.6	03 Nov 2010	2047019	NONWOVEN WEB COMPRISING POLYARENAZOLE MICROFIBERS AND PROCESS FOR MAKING SAME
PB0145-JP-PCT	Japan	PCT Application	26 Jul 2007	522958/09	05 Jul 2013	5306202	NONWOVEN WEB COMPRISING POLYARENAZOLE MICROFIBERS AND PROCESS FOR MAKING SAME
PB0145-KR-PCT	South Korea / Republic of Korea	PCT Application	26 Jul 2007	10-2009-7004248	25 Nov 2014	1467588	NONWOVEN WEB COMPRISING POLYARENAZOLE MICROFIBERS AND PROCESS FOR MAKING SAME
PB0145-NL-EPT	Netherlands	Euro-PCT Application	26 Jul 2007	07813404.6	03 Nov 2010	2047019	NONWOVEN WEB COMPRISING POLYARENAZOLE MICROFIBERS AND PROCESS FOR MAKING SAME
PB0160-US-PCT	United States Of America	PCT Application	27 Mar 2006	11/911244	17 Apr 2012	8156957	SYSTEM FOR ACCURATELY WEIGHING SOLIDS AND CONTROL MECHANISM FOR SAME
PB0205-CN-PCT	China	PCT Application	26 Jul 2007	200780028438.9	21 Aug 2013	200780028438.9	POLYARENAZOLE MICROFILAMENTS AND PROCESS FOR MAKING SAME
PB0205-DE-EPT	Germany	Euro-PCT Application	26 Jul 2007	07799848.2	18 Nov 2009	602007003379.9	POLYARENAZOLE MICROFILAMENTS AND PROCESS FOR MAKING SAME

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
PB0205-EP-EPT	European Procedure (Patents)	Euro-PCT Application	26 Jul 2007	07799848.2	18 Nov 2009	2046864	POLYARENAZOLE MICROFILAMENTS AND PROCESS FOR MAKING SAME
PB0205-FR-EPT	France	Euro-PCT Application	26 Jul 2007	07799848.2	18 Nov 2009	2046864	POLYARENAZOLE MICROFILAMENTS AND PROCESS FOR MAKING SAME
PB0205-GB-EPT	United Kingdom	Euro-PCT Application	26 Jul 2007	07799848.2	18 Nov 2009	2046864	POLYARENAZOLE MICROFILAMENTS AND PROCESS FOR MAKING SAME
PB0205-JP-PCT	Japan	PCT Application	26 Jul 2007	522959/09	05 Apr 2013	5235880	POLYARENAZOLE MICROFILAMENTS AND PROCESS FOR MAKING SAME
PB0205-KR-PCT	South Korea / Republic of Korea	PCT Application	26 Jul 2007	10-2009-7004253	12 Dec 2014	1474574	POLYARENAZOLE MICROFILAMENTS AND PROCESS FOR MAKING SAME
PB0205-NL-EPT	Netherlands	Euro-PCT Application	26 Jul 2007	07799848.2	18 Nov 2009	2046864	POLYARENAZOLE MICROFILAMENTS AND PROCESS FOR MAKING SAME
PB0240-CN-PCT	China	PCT Application	19 Dec 2006	2006800478 20.X	26 Jan 2011	20068004 7820.X	FIBRILLATED POLYPYRIDOBISIMIDAZOLE FLOC
PB0240-DE-EPT	Germany	Euro-PCT Application	19 Dec 2006	06846674.7	26 Sep 2012	60200603 2203.8	FIBRILLATED POLYPYRIDOBISIMIDAZOLE FLOC
PB0240-EP-EPT	European Procedure (Patents)	Euro-PCT Application	19 Dec 2006	06846674.7	26 Sep 2012	1963571	FIBRILLATED POLYPYRIDOBISIMIDAZOLE FLOC
PB0240-FR-EPT	France	Euro-PCT Application	19 Dec 2006	06846674.7	26 Sep 2012	1963571	FIBRILLATED POLYPYRIDOBISIMIDAZOLE FLOC
PB0240-GB-EPT	United Kingdom	Euro-PCT Application	19 Dec 2006	06846674.7	26 Sep 2012	1963571	FIBRILLATED POLYPYRIDOBISIMIDAZOLE FLOC
PB0240-JP-PCT	Japan	PCT Application	19 Dec 2006	547718/08	11 Jan 2013	5171638	FIBRILLATED POLYPYRIDOBISIMIDAZOLE FLOC

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
PB0240-KR-PCT	South Korea / Republic of Korea	PCT Application	19 Dec 2006	10-2008-7017560	29 Jan 2014	1359868	FIBRILLATED POLYPYRIDOBISIMIDAZOLE FLOC
PB0240-US-PCT	United States Of America	PCT Application	19 Dec 2006	12/084006	30 Mar 2010	7686920	FIBRILLATED POLYPYRIDOBISIMIDAZOLE FLOC
PB0340-CN-PCT	China	PCT Application	13 Jan 2012	201280005314.X	19 Aug 2015	201280005314.X	PRODUCTION OF AND DRYING OF COPOLYMER FIBERS
PB0340-DE-EPT	Germany	Euro-PCT Application	13 Jan 2012	12700916.5	21 Mar 2018	602012044156.9	PRODUCTION OF AND DRYING OF COPOLYMER FIBERS
PB0340-EP-EPT	European Procedure (Patents)	Euro-PCT Application	13 Jan 2012	12700916.5	21 Mar 2018	2663678	PRODUCTION OF AND DRYING OF COPOLYMER FIBERS
PB0340-FR-EPT	France	Euro-PCT Application	13 Jan 2012	12700916.5	21 Mar 2018	2663678	PRODUCTION OF AND DRYING OF COPOLYMER FIBERS
PB0340-GB-EPT	United Kingdom	Euro-PCT Application	13 Jan 2012	12700916.5	21 Mar 2018	2663678	PRODUCTION OF AND DRYING OF COPOLYMER FIBERS
PB0340-JP-PCT	Japan	PCT Application	13 Jan 2012	2013-549564	08 Jul 2016	5964321	PRODUCTION OF AND DRYING OF COPOLYMER FIBERS
PB0340-KR-PCT	South Korea / Republic of Korea	PCT Application	13 Jan 2012	10-2013-7021208			PRODUCTION OF AND DRYING OF COPOLYMER FIBERS
PB0340-NL-EPT	Netherlands	Euro-PCT Application	13 Jan 2012	12700916.5	21 Mar 2018	2663678	PRODUCTION OF AND DRYING OF COPOLYMER FIBERS
PB0340-US-NP	United States Of America	National Patent	13 Jan 2012	13/349597	13 Jan 2015	8932501	PRODUCTION OF AND DRYING OF COPOLYMER FIBERS
PB0341-CN-PCT	China	PCT Application	13 Jan 2012	201280005261.1	01 Mar 2017	201280005261.1	PRODUCTION OF AND DRYING OF COPOLYMER FIBERS
PB0341-DE-EPT	Germany	Euro-PCT Application	13 Jan 2012	12701810.9	21 Mar 2018	602012044158.5	PRODUCTION OF AND DRYING OF COPOLYMER FIBERS

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
PB0341-EP-EPT	European Procedure (Patents)	Euro-PCT Application	13 Jan 2012	12701810.9	21 Mar 2018	2663677	PRODUCTION OF AND DRYING OF COPOLYMER FIBERS
PB0341-FR-EPT	France	Euro-PCT Application	13 Jan 2012	12701810.9	21 Mar 2018	2663677	PRODUCTION OF AND DRYING OF COPOLYMER FIBERS
PB0341-GB-EPT	United Kingdom	Euro-PCT Application	13 Jan 2012	12701810.9	21 Mar 2018	2663677	PRODUCTION OF AND DRYING OF COPOLYMER FIBERS
PB0341-JP-PCT	Japan	PCT Application	13 Jan 2012	2013-549568	26 Aug 2016	5992442	PRODUCTION OF AND DRYING OF COPOLYMER FIBERS
PB0341-KR-PCT	South Korea / Republic of Korea	PCT Application	13 Jan 2012	10-2013-7021209			PRODUCTION OF AND DRYING OF COPOLYMER FIBERS
PB0341-NL-EPT	Netherlands	Euro-PCT Application	13 Jan 2012	12701810.9	21 Mar 2018	2663677	PRODUCTION OF AND DRYING OF COPOLYMER FIBERS
PB0341-US-NP	United States Of America	National Patent	13 Jan 2012	13/349605	27 Feb 2018	9903051	PRODUCTION OF AND DRYING OF COPOLYMER FIBERS
PB0342-CN-PCT	China	PCT Application	13 Jan 2012	201280005345.5	19 Aug 2015	201280005345.5	PRODUCTION OF AND DRYING OF COPOLYMER FIBERS
PB0342-DE-EPT	Germany	Euro-PCT Application	13 Jan 2012	12702919.7	21 Mar 2018	602012044161.5	PRODUCTION OF AND DRYING OF COPOLYMER FIBERS
PB0342-EP-EPT	European Procedure (Patents)	Euro-PCT Application	13 Jan 2012	12702919.7	21 Mar 2018	2663679	PRODUCTION OF AND DRYING OF COPOLYMER FIBERS
PB0342-FR-EPT	France	Euro-PCT Application	13 Jan 2012	12702919.7	21 Mar 2018	2663679	PRODUCTION OF AND DRYING OF COPOLYMER FIBERS
PB0342-GB-EPT	United Kingdom	Euro-PCT Application	13 Jan 2012	12702919.7	21 Mar 2018	2663679	PRODUCTION OF AND DRYING OF COPOLYMER FIBERS
PB0342-JP-PCT	Japan	PCT Application	13 Jan 2012	549570/13	26 Aug 2016	5992443	PRODUCTION OF AND DRYING OF COPOLYMER FIBERS

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
PB0342-KR-PCT	South Korea / Republic of Korea	PCT Application	13 Jan 2012	10-2013-7021219	21 Sep 2018	10-1903808	PRODUCTION OF AND DRYING OF COPOLYMER FIBERS
PB0342-NL-EPT	Netherlands	Euro-PCT Application	13 Jan 2012	12702919.7	21 Mar 2018	2663679	PRODUCTION OF AND DRYING OF COPOLYMER FIBERS
PB0342-US-NP	United States Of America	National Patent	13 Jan 2012	13/349611	18 Mar 2014	8671524	PRODUCTION OF AND DRYING OF COPOLYMER FIBERS
PB0345-CN-PCT	China	PCT Application	13 Jan 2012	201280005364.8	08 Feb 2017	201280005364.8	COPOLYMER FIBERS AND PROCESSES FOR MAKING SAME
PB0345-DE-EPT	Germany	Euro-PCT Application	13 Jan 2012	12702660.7	25 May 2016	602012018925.8	COPOLYMER FIBERS AND PROCESSES FOR MAKING SAME
PB0345-EP-EPT	European Procedure (Patents)	Euro-PCT Application	13 Jan 2012	12702660.7	25 May 2016	2663674	COPOLYMER FIBERS AND PROCESSES FOR MAKING SAME
PB0345-FR-EPT	France	Euro-PCT Application	13 Jan 2012	12702660.7	25 May 2016	2663674	COPOLYMER FIBERS AND PROCESSES FOR MAKING SAME
PB0345-GB-EPT	United Kingdom	Euro-PCT Application	13 Jan 2012	12702660.7	25 May 2016	2663674	COPOLYMER FIBERS AND PROCESSES FOR MAKING SAME
PB0345-JP-PCT	Japan	PCT Application	13 Jan 2012	549572/13	26 Aug 2016	5992444	COPOLYMER FIBERS AND PROCESSES FOR MAKING SAME
PB0345-KR-PCT	South Korea / Republic of Korea	PCT Application	13 Jan 2012	10-2013-7021211			COPOLYMER FIBERS AND PROCESSES FOR MAKING SAME
PB0345-NL-EPT	Netherlands	Euro-PCT Application	13 Jan 2012	12702660.7	25 May 2016	2663674	COPOLYMER FIBERS AND PROCESSES FOR MAKING SAME
PB0345-RU-PCT	Russian Federation	PCT Application	13 Jan 2012	2013137762	10 Sep 2016	2596219	COPOLYMER FIBERS AND PROCESSES FOR MAKING SAME
PB0345-US-NP	United States Of America	National Patent	13 Jan 2012	13/349617	14 Jun 2016	9365952	COPOLYMER FIBERS AND PROCESSES FOR MAKING SAME

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
PB0346-CN-PCT	China	PCT Application	13 Jan 2012	201280005318.8	04 May 2016	201280005318.8	COPOLYMER FIBERS AND PROCESSES FOR MAKING SAME
PB0346-DE-EPT	Germany	Euro-PCT Application	13 Jan 2012	12702662.3	16 Dec 2015	602012013098.9	COPOLYMER FIBERS AND PROCESSES FOR MAKING SAME
PB0346-EP-EPT	European Procedure (Patents)	Euro-PCT Application	13 Jan 2012	12702662.3	16 Dec 2015	2663675	COPOLYMER FIBERS AND PROCESSES FOR MAKING SAME
PB0346-FR-EPT	France	Euro-PCT Application	13 Jan 2012	12702662.3	16 Dec 2015	2663675	COPOLYMER FIBERS AND PROCESSES FOR MAKING SAME
PB0346-GB-EPT	United Kingdom	Euro-PCT Application	13 Jan 2012	12702662.3	16 Dec 2015	2663675	COPOLYMER FIBERS AND PROCESSES FOR MAKING SAME
PB0346-JP-PCT	Japan	PCT Application	13 Jan 2012	2013-549574	02 Sep 2016	5995328	COPOLYMER FIBERS AND PROCESSES FOR MAKING SAME
PB0346-KR-PCT	South Korea / Republic of Korea	PCT Application	13 Jan 2012	10-2013-7021212			COPOLYMER FIBERS AND PROCESSES FOR MAKING SAME
PB0346-NL-EPT	Netherlands	Euro-PCT Application	13 Jan 2012	12702662.3	16 Dec 2015	2663675	COPOLYMER FIBERS AND PROCESSES FOR MAKING SAME
PB0346-RU-PCT	Russian Federation	PCT Application	13 Jan 2012	2013137748	10 Sep 2016	2597591	COPOLYMER FIBERS AND PROCESSES FOR MAKING SAME
PB0346-US-NP	United States Of America	National Patent	13 Jan 2012	13/349623	17 Feb 2015	8957183	COPOLYMER FIBERS AND PROCESSES FOR MAKING SAME
PB0347-CN-PCT	China	PCT Application	13 Jan 2012	201280005316.9	06 Apr 2016	201280005316.9	COPOLYMER FIBERS AND YARNS AND PROCESSES FOR MAKING SAME
PB0347-DE-EPT	Germany	Euro-PCT Application	13 Jan 2012	12704568.0	16 Dec 2015	602012013101.2	COPOLYMER FIBERS AND YARNS AND PROCESSES FOR MAKING SAME

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
PB0347-EP-EPT	European Procedure (Patents)	Euro-PCT Application	13 Jan 2012	12704568.0	16 Dec 2015	2663676	COPOLYMER FIBERS AND YARNS AND PROCESSES FOR MAKING SAME
PB0347-FR-EPT	France	Euro-PCT Application	13 Jan 2012	12704568.0	16 Dec 2015	2663676	COPOLYMER FIBERS AND YARNS AND PROCESSES FOR MAKING SAME
PB0347-GB-EPT	United Kingdom	Euro-PCT Application	13 Jan 2012	12704568.0	16 Dec 2015	2663676	COPOLYMER FIBERS AND YARNS AND PROCESSES FOR MAKING SAME
PB0347-JP-PCT	Japan	PCT Application	13 Jan 2012	549561/13	01 Jul 2016	5960167	COPOLYMER FIBERS AND YARNS AND PROCESSES FOR MAKING SAME
PB0347-KR-PCT	South Korea / Republic of Korea	PCT Application	13 Jan 2012	10-2013-7021210			COPOLYMER FIBERS AND YARNS AND PROCESSES FOR MAKING SAME
PB0347-NL-EPT	Netherlands	Euro-PCT Application	13 Jan 2012	12704568.0	16 Dec 2015	2663676	COPOLYMER FIBERS AND YARNS AND PROCESSES FOR MAKING SAME
PB0347-US-DIV	United States Of America	National Patent Divisional	30 Sep 2016	15/281940	17 Oct 2017	9790622	COPOLYMER FIBERS AND YARNS AND PROCESSES FOR MAKING SAME
PB0347-US-NP	United States Of America	National Patent	13 Jan 2012	13/349634	01 Nov 2016	9481946	COPOLYMER FIBERS AND YARNS AND PROCESSES FOR MAKING SAME
PB0350-CN-PCT	China	PCT Application	13 Jan 2012	201280005113.X	28 Sep 2016	201280005113.X	NEUTRALIZED COPOLYMER CRUMB AND PROCESSES FOR MAKING SAME
PB0350-DE-EPT	Germany	Euro-PCT Application	13 Jan 2012	12701408.2	01 Mar 2017	602012029172.9	NEUTRALIZED COPOLYMER CRUMB AND PROCESSES FOR MAKING SAME

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
PB0350-EP-EPT	European Procedure (Patents)	Euro-PCT Application	13 Jan 2012	12701408.2	01 Mar 2017	2663587	NEUTRALIZED COPOLYMER CRUMB AND PROCESSES FOR MAKING SAME
PB0350-FR-EPT	France	Euro-PCT Application	13 Jan 2012	12701408.2	01 Mar 2017	2663587	NEUTRALIZED COPOLYMER CRUMB AND PROCESSES FOR MAKING SAME
PB0350-GB-EPT	United Kingdom	Euro-PCT Application	13 Jan 2012	12701408.2	01 Mar 2017	2663587	NEUTRALIZED COPOLYMER CRUMB AND PROCESSES FOR MAKING SAME
PB0350-JP-PCT	Japan	PCT Application	13 Jan 2012	549563/13	03 Mar 2017	6100170	NEUTRALIZED COPOLYMER CRUMB AND PROCESSES FOR MAKING SAME
PB0350-NL-EPT	Netherlands	Euro-PCT Application	13 Jan 2012	12701408.2	01 Mar 2017	2663587	NEUTRALIZED COPOLYMER CRUMB AND PROCESSES FOR MAKING SAME
PB0350-RU-PCT	Russian Federation	PCT Application	13 Jan 2012	2013137747	10 Sep 2016	2597365	NEUTRALIZED COPOLYMER CRUMB AND PROCESSES FOR MAKING SAME
PB0355-CN-PCT	China	PCT Application	27 Jul 2012	201280037320.3	24 Aug 2016	201280037320.3	PROCESS OF FORMING AN ARAMID COPOLYMER
PB0355-DE-EPT	Germany	Euro-PCT Application	27 Jul 2012	12743043.7	20 May 2015	602012007465.5	PROCESS OF FORMING AN ARAMID COPOLYMER
PB0355-EP-EPT	European Procedure (Patents)	Euro-PCT Application	27 Jul 2012	12743043.7	20 May 2015	2736947	PROCESS OF FORMING AN ARAMID COPOLYMER
PB0355-FR-EPT	France	Euro-PCT Application	27 Jul 2012	12743043.7	20 May 2015	2736947	PROCESS OF FORMING AN ARAMID COPOLYMER
PB0355-JP-PCT	Japan	PCT Application	27 Jul 2012	2014-523031	09 Dec 2016	6054393	PROCESS OF FORMING AN ARAMID COPOLYMER
PB0355-KR-PCT	South Korea / Republic of Korea	PCT Application	27 Jul 2012	10-2014-7004821			PROCESS OF FORMING AN ARAMID COPOLYMER

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
PB0355-NL-EPT	Netherlands	Euro-PCT Application	27 Jul 2012	12743043.7	20 May 2015	2736947	PROCESS OF FORMING AN ARAMID COPOLYMER
PB0355-US-NP	United States Of America	National Patent	27 Jul 2012	13/559698	09 Dec 2014	8907052	PROCESS OF FORMING AN ARAMID COPOLYMER
PB0356-BR-PCT	Brazil	PCT Application	27 Jul 2012	1120140010013			ARAMID COPOLYMER
PB0356-CN-PCT	China	PCT Application	27 Jul 2012	201280037398.5	23 Dec 2015	201280037398.5	ARAMID COPOLYMER
PB0356-DE-EPT	Germany	Euro-PCT Application	27 Jul 2012	12743044.5	19 Jul 2017	602012034714.7	ARAMID COPOLYMER
PB0356-EP-EPT	European Procedure (Patents)	Euro-PCT Application	27 Jul 2012	12743044.5	19 Jul 2017	2736948	ARAMID COPOLYMER
PB0356-FR-EPT	France	Euro-PCT Application	27 Jul 2012	12743044.5	19 Jul 2017	2736948	ARAMID COPOLYMER
PB0356-GB-EPT	United Kingdom	Euro-PCT Application	27 Jul 2012	12743044.5	19 Jul 2017	2736948	ARAMID COPOLYMER
PB0356-JP-PCD	Japan	PCT Application Divisional	26 Apr 2017	2017-087139			ARAMID COPOLYMER
PB0356-KR-PCT	South Korea / Republic of Korea	PCT Application	27 Jul 2012	10-2014-7004820	13 Sep 2018	10-1900532	ARAMID COPOLYMER
PB0356-NL-EPT	Netherlands	Euro-PCT Application	27 Jul 2012	12743044.5	19 Jul 2017	2736948	ARAMID COPOLYMER
PB0356-US-NP	United States Of America	National Patent	27 Jul 2012	13/559696	08 Sep 2015	9127143	ARAMID COPOLYMER
PB0360-CN-PCT	China	PCT Application	27 Jul 2012	201280037330.7	17 Aug 2016	201280037330.7	PROCESS FOR FORMING AN ARAMID COPOLYMER

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
PB0360-DE-EPT	Germany	Euro-PCT Application	27 Jul 2012	12848776.6	18 May 2016	602012018830.8	PROCESS FOR FORMING AN ARAMID COPOLYMER
PB0360-EP-EPT	European Procedure (Patents)	Euro-PCT Application	27 Jul 2012	12848776.6	18 May 2016	2736985	PROCESS FOR FORMING AN ARAMID COPOLYMER
PB0360-FR-EPT	France	Euro-PCT Application	27 Jul 2012	12848776.6	18 May 2016	2736958	PROCESS FOR FORMING AN ARAMID COPOLYMER
PB0360-JP-PCT	Japan	PCT Application	27 Jul 2012	2014-523981	29 Jul 2016	5976804	PROCESS FOR FORMING AN ARAMID COPOLYMER
PB0360-KR-PCT	South Korea / Republic of Korea	PCT Application	27 Jul 2012	10-2014-7004831	12 Sep 2018	10-1900127	PROCESS FOR FORMING AN ARAMID COPOLYMER
PB0360-NL-EPT	Netherlands	Euro-PCT Application	27 Jul 2012	12848776.6	18 May 2016	2736958	PROCESS FOR FORMING AN ARAMID COPOLYMER
PB0360-US-NP	United States Of America	National Patent	27 Jul 2012	13/559691	09 Dec 2014	8907051	PROCESS FOR FORMING AN ARAMID COPOLYMER
PB0361-BR-PCT	Brazil	PCT Application	27 Jul 2012	1120140020949			ARAMID COPOLYMER
PB0361-CN-PCT	China	PCT Application	27 Jul 2012	201280037515.8	24 Aug 2016	201280037515.8	ARAMID COPOLYMER
PB0361-EP-EPT	European Procedure (Patents)	Euro-PCT Application	27 Jul 2012	12743629.3			ARAMID COPOLYMER
PB0361-JP-PCT	Japan	PCT Application	27 Jul 2012	2014-523982	02 Dec 2016	6049030	ARAMID COPOLYMER
PB0361-KR-PCT	South Korea / Republic of Korea	PCT Application	27 Jul 2012	10-2014-7004830			ARAMID COPOLYMER
PB0361-US-NP	United States Of America	National Patent	27 Jul 2012	13/559678	06 May 2014	8716434	ARAMID COPOLYMER

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
PB0362-CN-PCT	China	PCT Application	27 Jul 2012	2012800373 29.4	24 Aug 2016	20128003 7329.4	PROCESS OF FORMING AN ARAMID COPOLYMER
PB0362-DE-EPT	Germany	Euro-PCT Application	27 Jul 2012	12743045.2	26 Aug 2015	60201201 0053.2	PROCESS OF FORMING AN ARAMID COPOLYMER
PB0362-EP-EPT	European Procedure (Patents)	Euro-PCT Application	27 Jul 2012	12743045.2	26 Aug 2015	2736949	PROCESS OF FORMING AN ARAMID COPOLYMER
PB0362-FR-EPT	France	Euro-PCT Application	27 Jul 2012	12743045.2	26 Aug 2015	2736949	PROCESS OF FORMING AN ARAMID COPOLYMER
PB0362-JP-PCT	Japan	PCT Application	27 Jul 2012	2014-523033	25 Nov 2016	6045084	PROCESS OF FORMING AN ARAMID COPOLYMER
PB0362-KR-PCT	South Korea / Republic of Korea	PCT Application	27 Jul 2012	10-2014-7004829			PROCESS OF FORMING AN ARAMID COPOLYMER
PB0362-NL-EPT	Netherlands	Euro-PCT Application	27 Jul 2012	12743045.2	26 Aug 2015	2736949	PROCESS OF FORMING AN ARAMID COPOLYMER
PB0362-US-NP	United States Of America	National Patent	27 Jul 2012	13/559684	06 May 2014	8716432	PROCESS OF FORMING AN ARAMID COPOLYMER
PB0365-BR-PCT	Brazil	PCT Application	27 Jul 2012	1120140012 288			PROCESS FOR FORMING AN ARAMID COPOLYMER
PB0365-CN-PCT	China	PCT Application	27 Jul 2012	2012800374 01.3	16 Mar 2016	20128003 7401.3	PROCESS FOR FORMING AN ARAMID COPOLYMER
PB0365-EP-EPT	European Procedure (Patents)	Euro-PCT Application	27 Jul 2012	12743630.1			PROCESS FOR FORMING AN ARAMID COPOLYMER
PB0365-JP-PCT	Japan	PCT Application	27 Jul 2012	2014-523034	07 Apr 2017	6120414	PROCESS FOR FORMING AN ARAMID COPOLYMER
PB0365-KR-PCT	South Korea / Republic of Korea	PCT Application	27 Jul 2012	10-2014-7004825			PROCESS FOR FORMING AN ARAMID COPOLYMER

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
PB0365-US-NP	United States Of America	National Patent	27 Jul 2012	13559681	02 Sep 2014	8822632	PROCESS FOR FORMING AN ARAMID COPOLYMER
PB0370-CN-PCT	China	PCT Application	27 Jul 2012	2012800373 19.0	30 Mar 2016	20128003 7319.0	PROCESS OF FORMING AN ARAMID COPOLYMER
PB0370-DE-EPT	Germany	Euro-PCT Application	27 Jul 2012	12743046.0	07 Oct 2015	60201201 1346.4	PROCESS OF FORMING AN ARAMID COPOLYMER
PB0370-EP-EPT	European Procedure (Patents)	Euro-PCT Application	27 Jul 2012	12743046.0	07 Oct 2015	2736950	PROCESS OF FORMING AN ARAMID COPOLYMER
PB0370-FR-EPT	France	Euro-PCT Application	27 Jul 2012	12743046.0	07 Oct 2015	2736950	PROCESS OF FORMING AN ARAMID COPOLYMER
PB0370-JP-PCT	Japan	PCT Application	27 Jul 2012	2014-523035	19 Aug 2016	5988318	PROCESS OF FORMING AN ARAMID COPOLYMER
PB0370-KR-PCT	South Korea / Republic of Korea	PCT Application	27 Jul 2012	10-2014-7004823	13 Sep 2018	10-1900533	PROCESS OF FORMING AN ARAMID COPOLYMER
PB0370-NL-EPT	Netherlands	Euro-PCT Application	27 Jul 2012	12743046.0	07 Oct 2015	2736950	PROCESS OF FORMING AN ARAMID COPOLYMER
PB0370-US-NP	United States Of America	National Patent	27 Jul 2012	13559674	16 Sep 2014	8835600	PROCESS OF FORMING AN ARAMID COPOLYMER
PB0371-BR-PCT	Brazil	PCT Application	27 Jul 2012	1120140020 973			ARAMID COPOLYMER
PB0371-CN-PCT	China	PCT Application	27 Jul 2012	2012800365 52.7	12 Oct 2016	20128003 6552.7	ARAMID COPOLYMER
PB0371-EP-EPT	European Procedure (Patents)	Euro-PCT Application	27 Jul 2012	12743047.8			ARAMID COPOLYMER
PB0371-JP-PCT	Japan	PCT Application	27 Jul 2012	2014-523984	14 Apr 2017	6125502	ARAMID COPOLYMER

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
PB0371-KR-PCT	South Korea / Republic of Korea	PCT Application	27 Jul 2012	10-2014-7004828			ARAMID COPOLYMER
PB0371-US-NP	United States Of America	National Patent	27 Jul 2012	13/559669	06 May 2014	8716433	ARAMID COPOLYMER
PB0375-BR-PCT	Brazil	PCT Application	27 Jul 2012	1120140011168			PROCESS FOR PREPARING ARAMID COPOLYMER
PB0375-DE-EPT	Germany	Euro-PCT Application	27 Jul 2012	12743631.9	31 Oct 2018	2736955	PROCESS FOR PREPARING ARAMID COPOLYMER
PB0375-EP-EPT	European Procedure (Patents)	Euro-PCT Application	27 Jul 2012	12743631.9	31 Oct 2018	2736955	PROCESS FOR PREPARING ARAMID COPOLYMER
PB0375-FR-EPT	France	Euro-PCT Application	27 Jul 2012	12743631.9	31 Oct 2018	2736955	PROCESS FOR PREPARING ARAMID COPOLYMER
PB0375-GB-EPT	United Kingdom	Euro-PCT Application	27 Jul 2012	12743631.9	31 Oct 2018	2736955	PROCESS FOR PREPARING ARAMID COPOLYMER
PB0375-JP-PCT	Japan	PCT Application	27 Jul 2012	2014-523985	17 Nov 2017	6243332	PROCESS FOR PREPARING ARAMID COPOLYMER
PB0375-KR-PCT	South Korea / Republic of Korea	PCT Application	27 Jul 2012	10-2014-7004832			PROCESS FOR PREPARING ARAMID COPOLYMER
PB0375-NL-EPT	Netherlands	Euro-PCT Application	27 Jul 2012	12743631.9	31 Oct 2018	2736955	PROCESS FOR PREPARING ARAMID COPOLYMER
PB0375-US-NP	United States Of America	National Patent	27 Jul 2012	13/559667	06 May 2014	8716431	PROCESS FOR PREPARING ARAMID COPOLYMER
PB0380-CN-PCT	China	PCT Application	27 Jul 2012	201280036109.X	09 Dec 2015	201280036109.X	PROCESS FOR PREPARING ARAMID COPOLYMER
PB0380-DE-EPT	Germany	Euro-PCT Application	27 Jul 2012	12750637.6	24 Oct 2018	2736956	PROCESS FOR PREPARING ARAMID COPOLYMER

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
PB0380-EP-EPT	European Procedure (Patents)	Euro-PCT Application	27 Jul 2012	12750637.6	24 Oct 2018	2736956	PROCESS FOR PREPARING ARAMID COPOLYMER
PB0380-FR-EPT	France	Euro-PCT Application	27 Jul 2012	12750637.6	24 Oct 2018	2736956	PROCESS FOR PREPARING ARAMID COPOLYMER
PB0380-GB-EPT	United Kingdom	Euro-PCT Application	27 Jul 2012	12750637.6	24 Oct 2018	2736956	PROCESS FOR PREPARING ARAMID COPOLYMER
PB0380-JP-PCT	Japan	PCT Application	27 Jul 2012	2014-523036	10 Mar 2017	6104908	PROCESS FOR PREPARING ARAMID COPOLYMER
PB0380-KR-PCT	South Korea / Republic of Korea	PCT Application	27 Jul 2012	10-2014-7004833	12 Sep 2018	10-1900128	PROCESS FOR PREPARING ARAMID COPOLYMER
PB0380-NL-EPT	Netherlands	Euro-PCT Application	27 Jul 2012	12750637.6	24 Oct 2018	2736956	PROCESS FOR PREPARING ARAMID COPOLYMER
PB0380-US-NP	United States Of America	National Patent	27 Jul 2012	13/559661	19 Aug 2014	8809434	PROCESS FOR PREPARING ARAMID COPOLYMER
PB0385-BR-PCT	Brazil	PCT Application	27 Jul 2012	1120140020906			PROCESS FOR FORMING AN ARAMID COPOLYMER
PB0385-CN-PCT	China	PCT Application	27 Jul 2012	201280037452.6	16 Mar 2016	201280037452.6	PROCESS FOR FORMING AN ARAMID COPOLYMER
PB0385-DE-EPT	Germany	Euro-PCT Application	27 Jul 2012	12750638.4	24 Oct 2018	2736957	PROCESS FOR FORMING AN ARAMID COPOLYMER
PB0385-EP-EPT	European Procedure (Patents)	Euro-PCT Application	27 Jul 2012	12750638.4	24 Oct 2018	2736957	PROCESS FOR FORMING AN ARAMID COPOLYMER
PB0385-FR-EPT	France	Euro-PCT Application	27 Jul 2012	12750638.4	24 Oct 2018	2736957	PROCESS FOR FORMING AN ARAMID COPOLYMER
PB0385-GB-EPT	United Kingdom	Euro-PCT Application	27 Jul 2012	12750638.4	24 Oct 2018	2736957	PROCESS FOR FORMING AN ARAMID COPOLYMER

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
PB0385-JP-PCT	Japan	PCT Application	27 Jul 2012	2014-523038	28 Apr 2017	6133289	PROCESS FOR FORMING AN ARAMID COPOLYMER
PB0385-KR-PCT	South Korea / Republic of Korea	PCT Application	27 Jul 2012	10-2014-7004834			PROCESS FOR FORMING AN ARAMID COPOLYMER
PB0385-NL-EPT	Netherlands	Euro-PCT Application	27 Jul 2012	12750638.4	24 Oct 2018	2736957	PROCESS FOR FORMING AN ARAMID COPOLYMER
PB0385-US-DIV	United States Of America	National Patent Divisional	21 Nov 2014	14/549648	25 Aug 2015	9115244	PROCESS FOR FORMING AN ARAMID COPOLYMER
PB0385-US-NP	United States Of America	National Patent	27 Jul 2012	13/559659	30 Dec 2014	8921512	PROCESS FOR FORMING AN ARAMID COPOLYMER
PB0386-BR-PCT	Brazil	PCT Application	27 Jul 2012	1120140005362			ARAMID COPOLYMER
PB0386-CN-PCT	China	PCT Application	27 Jul 2012	201280036879.4	16 Mar 2016	201280036879.4	ARAMID COPOLYMER
PB0386-EP-EPT	European Procedure (Patents)	Euro-PCT Application	27 Jul 2012	12743048.6			ARAMID COPOLYMER
PB0386-JP-PCT	Japan	PCT Application	27 Jul 2012	2014-523056	30 Jun 2017	6166722	ARAMID COPOLYMER
PB0386-KR-PCT	South Korea / Republic of Korea	PCT Application	27 Jul 2012	10-2014-7004835			ARAMID COPOLYMER
PB0386-US-NP	United States Of America	National Patent	27 Jul 2012	13/559657	06 May 2014	8716430	ARAMID COPOLYMER
PB0387-CN-PCT	China	PCT Application	27 Jul 2012	201280076108.8	10 May 2017	201280076108.8	PROCESS FOR FORMING AN ARAMID COPOLYMER
PB0387-DE-EPT	Germany	Euro-PCT Application	27 Jul 2012	12772550.5	04 Jan 2017	602012027420.4	PROCESS FOR FORMING AN ARAMID COPOLYMER

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
PB0387-EP-EPT	European Procedure (Patents)	Euro-PCT Application	27 Jul 2012	12772550.5	04 Jan 2017	2877517	PROCESS FOR FORMING AN ARAMID COPOLYMER
PB0387-FR-EPT	France	Euro-PCT Application	27 Jul 2012	12772550.5	04 Jan 2017	2877517	PROCESS FOR FORMING AN ARAMID COPOLYMER
PB0387-GB-EPT	United Kingdom	Euro-PCT Application	27 Jul 2012	12772550.5	04 Jan 2017	2877517	PROCESS FOR FORMING AN ARAMID COPOLYMER
PB0387-JP-PCT	Japan	PCT Application	27 Jul 2012	2015-524233	20 Jan 2017	6077116	PROCESS FOR FORMING AN ARAMID COPOLYMER
PB0387-KR-PCT	South Korea / Republic of Korea	PCT Application	27 Jul 2012	10-2015-7002051	12 Sep 2018	10-1900138	PROCESS FOR FORMING AN ARAMID COPOLYMER
PB0387-NL-EPT	Netherlands	Euro-PCT Application	27 Jul 2012	12772550.5	04 Jan 2017	2877517	PROCESS FOR FORMING AN ARAMID COPOLYMER
PB0387-US-DIV	United States Of America	National Patent Divisional	20 Nov 2014	14/548499	11 Aug 2015	9102788	PROCESS FOR FORMING AN ARAMID COPOLYMER
PB0387-US-NP	United States Of America	National Patent	27 Jul 2012	13/559655	30 Dec 2014	8921511	PROCESS FOR FORMING AN ARAMID COPOLYMER
PB0400-BR-PCT	Brazil	PCT Application	11 Jan 2012	112014016740.0			ARAMID COPOLYMER YARN HAVING LOW RESIDUAL SULFUR
PB0400-CN-PCT	China	PCT Application	11 Jan 2012	201280066563.X	19 Apr 2017	201280066563.X	ARAMID COPOLYMER YARN HAVING LOW RESIDUAL SULFUR
PB0400-DE-EPT	Germany	Euro-PCT Application	11 Jan 2012	12701800.0	30 Nov 2016	602012025988.4	ARAMID COPOLYMER YARN HAVING LOW RESIDUAL SULFUR
PB0400-EP-EPT	European Procedure (Patents)	Euro-PCT Application	11 Jan 2012	12701800.0	30 Nov 2016	2802700	ARAMID COPOLYMER YARN HAVING LOW RESIDUAL SULFUR
PB0400-FR-EPT	France	Euro-PCT Application	11 Jan 2012	12701800.0	30 Nov 2016	2802700	ARAMID COPOLYMER YARN HAVING LOW RESIDUAL SULFUR

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
PB0400-GB-EPT	United Kingdom	Euro-PCT Application	11 Jan 2012	12701800.0	30 Nov 2016	2802700	ARAMID COPOLYMER YARN HAVING LOW RESIDUAL SULFUR
PB0400-JP-PCT	Japan	PCT Application	11 Jan 2012	2014-552166	24 Jun 2016	5955980	ARAMID COPOLYMER YARN HAVING LOW RESIDUAL SULFUR
PB0400-KR-PCT	South Korea / Republic of Korea	PCT Application	11 Jan 2012	10-2014-7021974			ARAMID COPOLYMER YARN HAVING LOW RESIDUAL SULFUR
PB0400-NL-EPT	Netherlands	Euro-PCT Application	11 Jan 2012	12701800.0	30 Nov 2016	2802700	ARAMID COPOLYMER YARN HAVING LOW RESIDUAL SULFUR
PB0400-RU-PCT	Russian Federation	PCT Application	11 Jan 2012	2014132858	09 Feb 2017	2610403	ARAMID COPOLYMER YARN HAVING LOW RESIDUAL SULFUR
PB0400-US-PCT	United States Of America	PCT Application	11 Jan 2012	14/371443			ARAMID COPOLYMER YARN HAVING LOW RESIDUAL SULFUR
PB0401-CN-PCT	China	PCT Application	11 Jan 2012	201280066559.3	13 Jun 2017	201280066559.3	PROCESS FOR PREPARING YARN DERIVED FROM ARAMID COPOLYMER FIBER HAVING LOW RESIDUAL SULFUR
PB0401-DE-EPT	Germany	Euro-PCT Application	11 Jan 2012	12701801.8	23 Nov 2016	602012025679.6	PROCESS FOR PREPARING YARN DERIVED FROM ARAMID COPOLYMER FIBER HAVING LOW RESIDUAL SULFUR
PB0401-EP-EPT	European Procedure (Patents)	Euro-PCT Application	11 Jan 2012	12701801.8	23 Nov 2016	2802689	PROCESS FOR PREPARING YARN DERIVED FROM ARAMID COPOLYMER FIBER HAVING LOW RESIDUAL SULFUR
PB0401-FR-EPT	France	Euro-PCT Application	11 Jan 2012	12701801.8	23 Nov 2016	2802689	PROCESS FOR PREPARING YARN DERIVED FROM ARAMID COPOLYMER FIBER HAVING LOW RESIDUAL SULFUR

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
PB0401-GB-EPT	United Kingdom	Euro-PCT Application	11 Jan 2012	12701801.8	23 Nov 2016	2802689	PROCESS FOR PREPARING YARN DERIVED FROM ARAMID COPOLYMER FIBER HAVING LOW RESIDUAL SULFUR
PB0401-JP-PCT	Japan	PCT Application	11 Jan 2012	2014-552167	24 Jun 2016	5955981	PROCESS FOR PREPARING YARN DERIVED FROM ARAMID COPOLYMER FIBER HAVING LOW RESIDUAL SULFUR
PB0401-KR-PCT	South Korea / Republic of Korea	PCT Application	11 Jan 2012	10-2014-7021985	13 Jul 2018	10-1880335	PROCESS FOR PREPARING YARN DERIVED FROM ARAMID COPOLYMER FIBER HAVING LOW RESIDUAL SULFUR
PB0401-NL-EPT	Netherlands	Euro-PCT Application	11 Jan 2012	12701801.8	23 Nov 2016	2802689	PROCESS FOR PREPARING YARN DERIVED FROM ARAMID COPOLYMER FIBER HAVING LOW RESIDUAL SULFUR
PB0401-US-PCT	United States Of America	PCT Application	11 Jan 2012	14/371444	19 Apr 2016	9315923	PROCESS FOR PREPARING YARN DERIVED FROM ARAMID COPOLYMER FIBER HAVING LOW RESIDUAL SULFUR
PB0420-CN-PCT	China	PCT Application	11 Jan 2012	2012800665 65.9	12 Oct 2016	20128006 6565.9	METHOD FOR REMOVING SULFUR FROM FIBER USING HALIDE ACID ION EXCHANGE
PB0420-DE-EPT	Germany	Euro-PCT Application	11 Jan 2012	12702648.2	16 Mar 2016	60201201 5634.1	METHOD FOR REMOVING SULFUR FROM FIBER USING HALIDE ACID ION EXCHANGE

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
PB0420-EP-EPT	European Procedure (Patents)	Euro-PCT Application	11 Jan 2012	12702648.2	16 Mar 2016	2802696	METHOD FOR REMOVING SULFUR FROM FIBER USING HALIDE ACID ION EXCHANGE
PB0420-FR-EPT	France	Euro-PCT Application	11 Jan 2012	12702648.2	16 Mar 2016	2802696	METHOD FOR REMOVING SULFUR FROM FIBER USING HALIDE ACID ION EXCHANGE
PB0420-GB-EPT	United Kingdom	Euro-PCT Application	11 Jan 2012	12702648.2	16 Mar 2016	2802696	METHOD FOR REMOVING SULFUR FROM FIBER USING HALIDE ACID ION EXCHANGE
PB0420-JP-PCT	Japan	PCT Application	11 Jan 2012	2014-552168	18 Dec 2015	5855766	METHOD FOR REMOVING SULFUR FROM FIBER USING HALIDE ACID ION EXCHANGE
PB0420-KR-PCT	South Korea / Republic of Korea	PCT Application	11 Jan 2012	10-2014-7021990	13 Jul 2018	10-1880336	METHOD FOR REMOVING SULFUR FROM FIBER USING HALIDE ACID ION EXCHANGE
PB0420-NL-EPT	Netherlands	Euro-PCT Application	11 Jan 2012	12702648.2	16 Mar 2016	2802696	METHOD FOR REMOVING SULFUR FROM FIBER USING HALIDE ACID ION EXCHANGE
PB0420-US-PCT	United States Of America	PCT Application	11 Jan 2012	14/371447	11 Oct 2016	9464380	METHOD FOR REMOVING SULFUR FROM FIBER USING HALIDE ACID ION EXCHANGE
PB0421-CN-PCT	China	PCT Application	11 Jan 2012	201280066265.0	08 Mar 2017	201280066265.0	METHOD FOR REMOVING SULFUR FROM FIBER USING AN AQUEOUS ACID
PB0421-EP-EPT	European Procedure (Patents)	Euro-PCT Application	11 Jan 2012	12701793.7			METHOD FOR REMOVING SULFUR FROM FIBER USING AN AQUEOUS ACID

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
PB0421-JP-PCT	Japan	PCT Application	11 Jan 2012	2014-552159	30 Sep 2016	6013510	METHOD FOR REMOVING SULFUR FROM FIBER USING AN AQUEOUS ACID
PB0421-KR-PCT	South Korea / Republic of Korea	PCT Application	11 Jan 2012	10-2014-7021992	13 Jul 2018	10-1880337	METHOD FOR REMOVING SULFUR FROM FIBER USING AN AQUEOUS ACID
PB0421-US-PCT	United States Of America	PCT Application	11 Jan 2012	14/371451	11 Oct 2016	9464370	METHOD FOR REMOVING SULFUR FROM FIBER USING AN AQUEOUS ACID
PB0425-CN-PCT	China	PCT Application	11 Jan 2012	201280066568.2	12 Oct 2016	201280066568.2	METHOD FOR REMOVING SULFUR FROM FIBER USING HALIDE SALT ION EXCHANGE
PB0425-DE-EPT	Germany	Euro-PCT Application	11 Jan 2012	12700906.6	09 Dec 2015	602012012860.7	METHOD FOR REMOVING SULFUR FROM FIBER USING HALIDE SALT ION EXCHANGE
PB0425-EP-EPT	European Procedure (Patents)	Euro-PCT Application	11 Jan 2012	12700906.6	09 Dec 2015	2802690	METHOD FOR REMOVING SULFUR FROM FIBER USING HALIDE SALT ION EXCHANGE
PB0425-FR-EPT	France	Euro-PCT Application	11 Jan 2012	12700906.6	09 Dec 2015	2802690	METHOD FOR REMOVING SULFUR FROM FIBER USING HALIDE SALT ION EXCHANGE
PB0425-GB-EPT	United Kingdom	Euro-PCT Application	11 Jan 2012	12700906.6	09 Dec 2015	2802690	METHOD FOR REMOVING SULFUR FROM FIBER USING HALIDE SALT ION EXCHANGE
PB0425-JP-PCT	Japan	PCT Application	11 Jan 2012	2014-552161	10 Jun 2016	5946923	METHOD FOR REMOVING SULFUR FROM FIBER USING HALIDE SALT ION EXCHANGE

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
PB0425-KR-PCT	South Korea / Republic of Korea	PCT Application	11 Jan 2012	10-2014-7021971	13 Jul 2018	10-1880334	METHOD FOR REMOVING SULFUR FROM FIBER USING HALIDE SALT ION EXCHANGE
PB0425-NL-EPT	Netherlands	Euro-PCT Application	11 Jan 2012	12700906.6	09 Dec 2015	2802690	METHOD FOR REMOVING SULFUR FROM FIBER USING HALIDE SALT ION EXCHANGE
PB0425-US-PCT	United States Of America	PCT Application	11 Jan 2012	14/371467	15 Mar 2016	9284665	METHOD FOR REMOVING SULFUR FROM FIBER USING HALIDE SALT ION EXCHANGE
PB0426-CN-PCT	China	PCT Application	11 Jan 2012	201280066842.6	19 Oct 2016	201280066842.6	METHOD FOR REMOVING SULFUR FROM FIBER USING MONOVALENT SALT ION EXCHANGE
PB0426-DE-EPT	Germany	Euro-PCT Application	11 Jan 2012	12701301.9	09 Dec 2015	602012012862.3	METHOD FOR REMOVING SULFUR FROM FIBER USING MONOVALENT SALT ION EXCHANGE
PB0426-EP-EPT	European Procedure (Patents)	Euro-PCT Application	11 Jan 2012	12701301.9	09 Dec 2015	2802691	METHOD FOR REMOVING SULFUR FROM FIBER USING MONOVALENT SALT ION EXCHANGE
PB0426-FR-EPT	France	Euro-PCT Application	11 Jan 2012	12701301.9	09 Dec 2015	2802691	METHOD FOR REMOVING SULFUR FROM FIBER USING MONOVALENT SALT ION EXCHANGE
PB0426-GB-EPT	United Kingdom	Euro-PCT Application	11 Jan 2012	12701301.9	09 Dec 2015	2802691	METHOD FOR REMOVING SULFUR FROM FIBER USING MONOVALENT SALT ION EXCHANGE

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
PB0426-JP-PCT	Japan	PCT Application	11 Jan 2012	2014-552160	30 Sep 2016	6013511	METHOD FOR REMOVING SULFUR FROM FIBER USING MONOVALENT SALT ION EXCHANGE
PB0426-KR-PCT	South Korea / Republic of Korea	PCT Application	11 Jan 2012	10-2014-7021968	13 Jul 2018	10-1880333	METHOD FOR REMOVING SULFUR FROM FIBER USING MONOVALENT SALT ION EXCHANGE
PB0426-NL-EPT	Netherlands	Euro-PCT Application	11 Jan 2012	12701301.9	09 Dec 2015	2802691	METHOD FOR REMOVING SULFUR FROM FIBER USING MONOVALENT SALT ION EXCHANGE
PB0426-US-PCT	United States Of America	PCT Application	11 Jan 2012	14/371535	14 Jul 2015	9080261	METHOD FOR REMOVING SULFUR FROM FIBER USING MONOVALENT SALT ION EXCHANGE
PB0435-BR-PCT	Brazil	PCT Application	11 Jan 2012	1120140168 51.2			SULFUR-CONTAINING IMIDAZOLE FIBER HAVING IONICALLY BONDED HALIDES
PB0435-CN-PCT	China	PCT Application	11 Jan 2012	2012800665 49.X	12 Oct 2016	20128006 6549.X	SULFUR-CONTAINING IMIDAZOLE FIBER HAVING IONICALLY BONDED HALIDES
PB0435-DE-EPT	Germany	Euro-PCT Application	11 Jan 2012	12701794.5	29 Jun 2016	60201201 9937.7	SULFUR-CONTAINING IMIDAZOLE FIBER HAVING IONICALLY BONDED HALIDES
PB0435-EP-EPT	European Procedure (Patents)	Euro-PCT Application	11 Jan 2012	12701794.5	29 Jun 2016	2802697	SULFUR-CONTAINING IMIDAZOLE FIBER HAVING IONICALLY BONDED HALIDES
PB0435-FR-EPT	France	Euro-PCT Application	11 Jan 2012	12701794.5	29 Jun 2016	2802697	SULFUR-CONTAINING IMIDAZOLE FIBER HAVING IONICALLY BONDED HALIDES

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
PB0435-GB-EPT	United Kingdom	Euro-PCT Application	11 Jan 2012	12701794.5	29 Jun 2016	2802697	SULFUR-CONTAINING IMIDAZOLE FIBER HAVING IONICALLY BONDED HALIDES
PB0435-JP-PCT	Japan	PCT Application	11 Jan 2012	2014-552162	01 Jul 2016	5960284	SULFUR-CONTAINING IMIDAZOLE FIBER HAVING IONICALLY BONDED HALIDES
PB0435-KR-PCT	South Korea / Republic of Korea	PCT Application	11 Jan 2012	10-2014-7022048			SULFUR-CONTAINING IMIDAZOLE FIBER HAVING IONICALLY BONDED HALIDES
PB0435-NL-EPT	Netherlands	Euro-PCT Application	11 Jan 2012	12701794.5	29 Jun 2016	2802697	SULFUR-CONTAINING IMIDAZOLE FIBER HAVING IONICALLY BONDED HALIDES
PB0435-RU-PCT	Russian Federation	PCT Application	11 Jan 2012	2014132855	27 Mar 2016	2578294	SULFUR-CONTAINING IMIDAZOLE FIBER HAVING IONICALLY BONDED HALIDES
PB0435-US-PCN	United States Of America	PCT Continuation	30 Apr 2018	15/966098			SULFUR-CONTAINING IMIDAZOLE FIBER HAVING IONICALLY BONDED HALIDES
PB0435-US-PCT	United States Of America	PCT Application	11 Jan 2012	14/371742	05 Jun 2018	9988514	SULFUR-CONTAINING IMIDAZOLE FIBER HAVING IONICALLY BONDED HALIDES
PB0440-CN-PCT	China	PCT Application	11 Jan 2012	2012800668 31.8	31 Oct 2017	20128006 6831.8	METHOD FOR REMOVING SULFUR FROM FIBER USING A WEAK BASE
PB0440-EP-EPT	European Procedure (Patents)	Euro-PCT Application	11 Jan 2012	12701802.6			METHOD FOR REMOVING SULFUR FROM FIBER USING A WEAK BASE
PB0440-JP-PCT	Japan	PCT Application	11 Jan 2012	2014-552169	21 Oct 2016	6025271	METHOD FOR REMOVING SULFUR FROM FIBER USING A WEAK BASE

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
PB0440-KR-PCT	South Korea / Republic of Korea	PCT Application	11 Jan 2012	10-2014-7022050	05 Mar 2018	10-1837242	METHOD FOR REMOVING SULFUR FROM FIBER USING A WEAK BASE
PB0440-US-PCT	United States Of America	PCT Application	11 Jan 2012	14/371744	18 Oct 2016	9469922	METHOD FOR REMOVING SULFUR FROM FIBER USING A WEAK BASE
PB0445-CN-PCT	China	PCT Application	11 Jan 2012	201280066538.1	20 Jun 2017	201280066538.1	PROCESS FOR PREPARING ARAMID COPOLYMER YARN HAVING LOW RESIDUAL SULFUR
PB0445-DE-EPT	Germany	Euro-PCT Application	11 Jan 2012	12701803.4	10 Aug 2016	602012021441.4	PROCESS FOR PREPARING ARAMID COPOLYMER YARN HAVING LOW RESIDUAL SULFUR
PB0445-EP-EPT	European Procedure (Patents)	Euro-PCT Application	11 Jan 2012	12701803.4	10 Aug 2016	2802699	PROCESS FOR PREPARING ARAMID COPOLYMER YARN HAVING LOW RESIDUAL SULFUR
PB0445-FR-EPT	France	Euro-PCT Application	11 Jan 2012	12701803.4	10 Aug 2016	2802699	PROCESS FOR PREPARING ARAMID COPOLYMER YARN HAVING LOW RESIDUAL SULFUR
PB0445-GB-EPT	United Kingdom	Euro-PCT Application	11 Jan 2012	12701803.4	10 Aug 2016	2802699	PROCESS FOR PREPARING ARAMID COPOLYMER YARN HAVING LOW RESIDUAL SULFUR
PB0445-JP-PCT	Japan	PCT Application	11 Jan 2012	2014-552170	06 Jan 2017	6066501	PROCESS FOR PREPARING ARAMID COPOLYMER YARN HAVING LOW RESIDUAL SULFUR
PB0445-KR-PCT	South Korea / Republic of Korea	PCT Application	11 Jan 2012	10-2014-7021972	13 Sep 2018	10-1900537	PROCESS FOR PREPARING ARAMID COPOLYMER YARN HAVING LOW RESIDUAL SULFUR

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
PB0445-NL-EPT	Netherlands	Euro-PCT Application	11 Jan 2012	12701803.4	10 Aug 2016	2802699	PROCESS FOR PREPARING ARAMID COPOLYMER YARN HAVING LOW RESIDUAL SULFUR
PB0445-US-PCT	United States Of America	PCT Application	11 Jan 2012	14/371746	15 Aug 2017	9732442	PROCESS FOR PREPARING ARAMID COPOLYMER YARN HAVING LOW RESIDUAL SULFUR
PB0450-CN-PCT	China	PCT Application	11 Jan 2012	2012800668 30.3	01 Mar 2017	20128006 6830.3	PROCESS FOR PREPARING ARAMID COPOLYMER YARN USING A HALIDE ACID WASH
PB0450-DE-EPT	Germany	Euro-PCT Application	11 Jan 2012	12701963.6	09 Dec 2015	60201201 2863.1	PROCESS FOR PREPARING ARAMID COPOLYMER YARN USING A HALIDE ACID WASH
PB0450-EP-EPT	European Procedure (Patents)	Euro-PCT Application	11 Jan 2012	12701963.6	09 Dec 2015	2802695	PROCESS FOR PREPARING ARAMID COPOLYMER YARN USING A HALIDE ACID WASH
PB0450-FR-EPT	France	Euro-PCT Application	11 Jan 2012	12701963.6	09 Dec 2015	2802695	PROCESS FOR PREPARING ARAMID COPOLYMER YARN USING A HALIDE ACID WASH
PB0450-GB-EPT	United Kingdom	Euro-PCT Application	11 Jan 2012	12701963.6	09 Dec 2015	2802695	PROCESS FOR PREPARING ARAMID COPOLYMER YARN USING A HALIDE ACID WASH
PB0450-JP-PCT	Japan	PCT Application	11 Jan 2012	2014-552171	30 Sep 2016	6013512	PROCESS FOR PREPARING ARAMID COPOLYMER YARN USING A HALIDE ACID WASH

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
PB0450-KR-PCT	South Korea / Republic of Korea	PCT Application	11 Jan 2012	10-2014-7021975	05 Mar 2018	10-1837241	PROCESS FOR PREPARING ARAMID COPOLYMER YARN USING A HALIDE ACID WASH
PB0450-NL-EPT	Netherlands	Euro-PCT Application	11 Jan 2012	12701963.6	09 Dec 2015	2802695	PROCESS FOR PREPARING ARAMID COPOLYMER YARN USING A HALIDE ACID WASH
PB0450-US-PCT	United States Of America	PCT Application	11 Jan 2012	14/371760			PROCESS FOR PREPARING ARAMID COPOLYMER YARN USING A HALIDE ACID WASH
PB0451-BR-PCT	Brazil	PCT Application	11 Jan 2012	1120140167 43.5			SULFUR AND ALKALI METAL CONTAINING IMIDAZOLE FIBER HAVING IONICALLY BOUND HALIDES
PB0451-CN-PCT	China	PCT Application	11 Jan 2012	2012800668 29.0	12 Oct 2016	20128006 6829.0	SULFUR AND ALKALI METAL CONTAINING IMIDAZOLE FIBER HAVING IONICALLY BOUND HALIDES
PB0451-DE-EPT	Germany	Euro-PCT Application	11 Jan 2012	12701795.2	13 Jul 2016	60201202 0398.6	SULFUR AND ALKALI METAL CONTAINING IMIDAZOLE FIBER HAVING IONICALLY BOUND HALIDES
PB0451-EP-EPT	European Procedure (Patents)	Euro-PCT Application	11 Jan 2012	12701795.2	13 Jul 2016	2802698	SULFUR AND ALKALI METAL CONTAINING IMIDAZOLE FIBER HAVING IONICALLY BOUND HALIDES
PB0451-FR-EPT	France	Euro-PCT Application	11 Jan 2012	12701795.2	13 Jul 2016	2802698	SULFUR AND ALKALI METAL CONTAINING IMIDAZOLE FIBER HAVING IONICALLY BOUND HALIDES

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
PB0451-GB-EPT	United Kingdom	Euro-PCT Application	11 Jan 2012	12701795.2	13 Jul 2016	2802698	SULFUR AND ALKALI METAL CONTAINING IMIDAZOLE FIBER HAVING IONICALLY BOUND HALIDES
PB0451-JP-PCT	Japan	PCT Application	11 Jan 2012	2014-552163	01 Jul 2016	5960285	SULFUR AND ALKALI METAL CONTAINING IMIDAZOLE FIBER HAVING IONICALLY BOUND HALIDES
PB0451-KR-PCT	South Korea / Republic of Korea	PCT Application	11 Jan 2012	10-2014-7022051			SULFUR AND ALKALI METAL CONTAINING IMIDAZOLE FIBER HAVING IONICALLY BOUND HALIDES
PB0451-NL-EPT	Netherlands	Euro-PCT Application	11 Jan 2012	12701795.2	13 Jul 2016	2802698	SULFUR AND ALKALI METAL CONTAINING IMIDAZOLE FIBER HAVING IONICALLY BOUND HALIDES
PB0451-RU-PCT	Russian Federation	PCT Application	11 Jan 2012	2014132853	27 Mar 2016	2578690	SULFUR AND ALKALI METAL CONTAINING IMIDAZOLE FIBER HAVING IONICALLY BOUND HALIDES
PB0451-US-PCN	United States Of America	PCT Continuation	30 Apr 2018	15/966107			SULFUR AND ALKALI METAL CONTAINING IMIDAZOLE FIBER HAVING IONICALLY BOUND HALIDES
PB0451-US-PCT	United States Of America	PCT Application	11 Jan 2012	14/371768	12 Jun 2018	9994974	SULFUR AND ALKALI METAL CONTAINING IMIDAZOLE FIBER HAVING IONICALLY BOUND HALIDES
PB0452-CN-PCT	China	PCT Application	11 Jan 2012	201280066554.0	20 Oct 2017	201280066554.0	PROCESS FOR PREPARING ARAMID COPOLYMER YARN USING AN ACID WASH
PB0452-EP-EPT	European Procedure (Patents)	Euro-PCT Application	11 Jan 2012	12701798.6			PROCESS FOR PREPARING ARAMID COPOLYMER YARN USING AN ACID WASH

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
PB0452-JP-PCT	Japan	PCT Application	11 Jan 2012	2014-552164	02 Dec 2016	6049034	PROCESS FOR PREPARING ARAMID COPOLYMER YARN USING AN ACID WASH
PB0452-KR-PCT	South Korea / Republic of Korea	PCT Application	11 Jan 2012	10-2014-7022052	05 Mar 2018	10-1837243	PROCESS FOR PREPARING ARAMID COPOLYMER YARN USING AN ACID WASH
PB0452-US-PCT	United States Of America	PCT Application	11 Jan 2012	14/371782	19 Dec 2017	9845553	PROCESS FOR PREPARING ARAMID COPOLYMER YARN USING AN ACID WASH
PB0465-DE-EPT	Germany	Euro-PCT Application	11 Jan 2012	12701799.4	02 Sep 2015	602012010207.1	METHOD FOR DETERMINING SULFUR CONTENT IN FIBERS
PB0465-EP-EPT	European Procedure (Patents)	Euro-PCT Application	11 Jan 2012	12701799.4	02 Sep 2015	2802870	METHOD FOR DETERMINING SULFUR CONTENT IN FIBERS
PB0465-FR-EPT	France	Euro-PCT Application	11 Jan 2012	12701799.4	02 Sep 2015	2802870	METHOD FOR DETERMINING SULFUR CONTENT IN FIBERS
PB0465-JP-PCT	Japan	PCT Application	11 Jan 2012	2014-552165	11 Dec 2015	5851632	METHOD FOR DETERMINING SULFUR CONTENT IN FIBERS
PB0465-NL-EPT	Netherlands	Euro-PCT Application	11 Jan 2012	12701799.4	02 Sep 2015	2802870	Marks METHOD FOR DETERMINING SULFUR CONTENT IN FIBERS
PB0465-US-PCT	United States Of America	PCT Application	11 Jan 2012	14/371794	21 Jul 2015	9086382	METHOD FOR DETERMINING SULFUR CONTENT IN FIBERS
PB0475-US-NP	United States Of America	National Patent	29 Oct 2014	14/526628	17 Oct 2017	9790366	COMPOSITE POLYMER SOLUTION OF POLY(M-PHENYLENE ISOPHTHALAMIDE) AND COPOLYMER MADE FROM 5(6)-AMINO-2-(P-AMINOPHENYL)BENZIMIDAZOLE

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
PB0476-BR-PCT	Brazil	PCT Application	29 Oct 2014	1120160049748			FIBER COMPRISING A MIXTURE OF POLY(M-PHENYLENE ISOPHTHALAMIDE) AND COPOLYMER MADE FROM (6)-AMINO-2-(P-AMINOPHENYL)BENZIMIDAZOLE
PB0476-CN-PCT	China	PCT Application	29 Oct 2014	201480059956.7	03 Apr 2018	201480059956.7	FIBER COMPRISING A MIXTURE OF POLY(M-PHENYLENE ISOPHTHALAMIDE) AND COPOLYMER MADE FROM (6)-AMINO-2-(P-AMINOPHENYL)BENZIMIDAZOLE
PB0476-DE-EPT	Germany	Euro-PCT Application	29 Oct 2014	14802537.2	21 Jun 2017	602014011090.8	FIBER COMPRISING A MIXTURE OF POLY(M-PHENYLENE ISOPHTHALAMIDE) AND COPOLYMER MADE FROM (6)-AMINO-2-(P-AMINOPHENYL)BENZIMIDAZOLE
PB0476-EP-EPT	European Procedure (Patents)	Euro-PCT Application	29 Oct 2014	14802537.2	21 Jun 2017	3063319	FIBER COMPRISING A MIXTURE OF POLY(M-PHENYLENE ISOPHTHALAMIDE) AND COPOLYMER MADE FROM (6)-AMINO-2-(P-AMINOPHENYL)BENZIMIDAZOLE
PB0476-FR-EPT	France	Euro-PCT Application	29 Oct 2014	14802537.2	21 Jun 2017	3063319	FIBER COMPRISING A MIXTURE OF POLY(M-PHENYLENE ISOPHTHALAMIDE) AND COPOLYMER MADE FROM (6)-AMINO-2-(P-AMINOPHENYL)BENZIMIDAZOLE

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
PB0476-GB-EPT	United Kingdom	Euro-PCT Application	29 Oct 2014	14802537.2	21 Jun 2016	3063319	FIBER COMPRISING A MIXTURE OF POLY(M-PHENYLENE ISOPHTHALAMIDE) AND COPOLYMER MADE FROM (6)-AMINO-2-(P-AMINOPHENYL)BENZIMIDAZOLE
PB0476-JP-PCT	Japan	PCT Application	29 Oct 2014	2016-527454			FIBER COMPRISING A MIXTURE OF POLY(M-PHENYLENE ISOPHTHALAMIDE) AND COPOLYMER MADE FROM (6)-AMINO-2-(P-AMINOPHENYL)BENZIMIDAZOLE
PB0476-KR-PCT	South Korea / Republic of Korea	PCT Application	29 Oct 2014	10-2016-7011129			FIBER COMPRISING A MIXTURE OF POLY(M-PHENYLENE ISOPHTHALAMIDE) AND COPOLYMER MADE FROM (6)-AMINO-2-(P-AMINOPHENYL)BENZIMIDAZOLE
PB0476-US-NP	United States Of America	National Patent	29 Oct 2014	14/526635			FIBER COMPRISING A MIXTURE OF POLY(M-PHENYLENE ISOPHTHALAMIDE) AND COPOLYMER MADE FROM 5(6)-AMINO-2-(P-AMINOPHENYL)BENZIMIDAZOLE
PB0477-BR-PCT	Brazil	PCT Application	29 Oct 2014	1120160096835			SHEETS AND FIBRIDS COMPRISING A MIXTURE OF POLY(M-PHENYLENE ISOPHTHALAMIDE) AND COPOLYMER MADE FROM (6)-AMINO-2-(P-AMINOPHENYL)BENZIMIDAZOLE

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
PB0477-CN-PCT	China	PCT Application	29 Oct 2014	201480060823.1	07 Nov 2017	201480060823.1	SHEETS AND FIBRIDS COMPRISING A MIXTURE OF POLY(M-PHENYLENE ISOPHTHALAMIDE) AND COPOLYMER MADE FROM (6)-AMINO-2-(P-AMINOPHENYL)BENZIMIDAZOLE
PB0477-DE-EPT	Germany	Euro-PCT Application	29 Oct 2014	14796975.2	17 May 2017	602014010028.7	SHEETS AND FIBRIDS COMPRISING A MIXTURE OF POLY(M-PHENYLENE ISOPHTHALAMIDE) AND COPOLYMER MADE FROM (6)-AMINO-2-(P-AMINOPHENYL)BENZIMIDAZOLE
PB0477-EP-EPT	European Procedure (Patents)	Euro-PCT Application	29 Oct 2014	14796975,2	17 May 2017	3063318	SHEETS AND FIBRIDS COMPRISING A MIXTURE OF POLY(M-PHENYLENE ISOPHTHALAMIDE) AND COPOLYMER MADE FROM (6)-AMINO-2-(P-AMINOPHENYL)BENZIMIDAZOLE
PB0477-FR-EPT	France	Euro-PCT Application	29 Oct 2014	14796975.2	17 May 2017	3063318	SHEETS AND FIBRIDS COMPRISING A MIXTURE OF POLY(M-PHENYLENE ISOPHTHALAMIDE) AND COPOLYMER MADE FROM (6)-AMINO-2-(P-AMINOPHENYL)BENZIMIDAZOLE
PB0477-GB-EPT	United Kingdom	Euro-PCT Application	29 Oct 2014	14796975.2	17 May 2017	3063318	SHEETS AND FIBRIDS COMPRISING A MIXTURE OF POLY(M-PHENYLENE ISOPHTHALAMIDE) AND COPOLYMER MADE FROM (6)-AMINO-2-(P-AMINOPHENYL)BENZIMIDAZOLE

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
PB0477- JP-PCT	Japan	PCT Applicat ion	29 Oct 2014	2016-525077	22 Jun 2018	6356238	SHEETS AND FIBRIDS COMPRISING A MIXTURE OF POLY(M-PHENYLENE ISOPHTHALAMIDE) AND COPOLYMER MADE FROM (6)-AMINO-2-(P- AMINOPHENYL)BENZIMIDA ZOLE
PB0477- KR-PCT	South Korea / Republic of Korea	PCT Applicat ion	29 Oct 2014	10-2016- 7011136			SHEETS AND FIBRIDS COMPRISING A MIXTURE OF POLY(M-PHENYLENE ISOPHTHALAMIDE) AND COPOLYMER MADE FROM (6)-AMINO-2-(P- AMINOPHENYL)BENZIMIDA ZOLE
PB0477- US-NP	United States Of America	National Patent	29 Oct 2014	14/526643	30 May 2017	9663875	SHEETS AND FIBRIDS COMPRISING A MIXTURE OF POLY(M-PHENYLENE ISOPHTHALAMIDE) AND COPOLYMER MADE FROM 5(6)-AMINO-2-(P- AMINOPHENYL)BENZIMIDA ZOLE
PB0478- US-NP	United States Of America	National Patent	29 Oct 2014	14/526649	24 Nov 2015	9193841	FILM COMPRISING A MIXTURE OF POLY (M- PHENYLENE ISOPHTHALAMIDE) AND COPOLYMER MADE FROM (6)-AMINO-2-(P- AMINOPHENYL) BENZIMIDAZOLE
PB0490- CN-PCT	China	PCT Applicat ion	07 Mar 2014	2014800130 00.3	11 Jul 2017	20148001 3000.3	METHOD OF COUPLING AND ALIGNING CARBON NANOTUBES IN A NONWOVEN SHEET AND ALIGNED SHEET FORMED THEREFROM

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
PB0490-EP-EPT	European Procedure (Patents)	Euro-PCT Application	07 Mar 2014	14712997.7			METHOD OF COUPLING AND ALIGNING CARBON NANOTUBES IN A NONWOVEN SHEET AND ALIGNED SHEET FORMED THEREFROM
PB0490-JP-PCT	Japan	PCT Application	07 Mar 2014	2015-561739			METHOD OF COUPLING AND ALIGNING CARBON NANOTUBES IN A NONWOVEN SHEET AND ALIGNED SHEET FORMED THEREFROM
PB0550-US-NP	United States Of America	National Patent	29 Sep 2017	15/720669			METHOD FOR RAPIDLY DETERMINING SULFUR CONTENT IN A PLURALITY OF SAMPLES
PB0550-WO-PCT	International Procedure	PCT Application	27 Sep 2018	PCT/US18/53029			METHOD FOR RAPIDLY DETERMINING SULFUR CONTENT IN A PLURALITY OF SAMPLES
PO0010-DE-EPT	Germany	Euro-PCT Application	14 Mar 2008	08726818.1	14 Nov 2018	2156436	WIDE ULTRA HIGH MOLECULAR WEIGHT POLYETHYLENE SHEET AND METHOD OF MANUFACTURE
PO0010-EP-EPT	European Procedure (Patents)	Euro-PCT Application	14 Mar 2008	08726818.1	14 Nov 2018	2156436	WIDE ULTRA HIGH MOLECULAR WEIGHT POLYETHYLENE SHEET AND METHOD OF MANUFACTURE
PO0010-EP-ETD	European Procedure (Patents)	Euro-PCT Application Divisional	15 Oct 2018	18200315.2			WIDE ULTRA HIGH MOLECULAR WEIGHT POLYETHYLENE SHEET AND METHOD OF MANUFACTURE
PO0010-FR-EPT	France	Euro-PCT Application	14 Mar 2008	08726818.1	14 Nov 2018	2156436	WIDE ULTRA HIGH MOLECULAR WEIGHT POLYETHYLENE SHEET AND METHOD OF MANUFACTURE

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
PO0010-GB-EPT	United Kingdom	Euro-PCT Application	14 Mar 2008	08726818.1	14 Nov 2018	2156436	WIDE ULTRA HIGH MOLECULAR WEIGHT POLYETHYLENE SHEET AND METHOD OF MANUFACTURE
PO0010-US-NP	United States Of America	National Patent	13 Apr 2007	11/787094	21 Jun 2011	7964266	WIDE ULTRA HIGH MOLECULAR WEIGHT POLYETHYLENE SHEET AND METHOD OF MANUFACTURE
PO0020-US-CIP	United States Of America	Continuation-in-Part	12 Dec 2011	13/374118	26 Jun 2012	8206810	NON-FIBROUS HIGH MODULUS ULTRA HIGH MOLECULAR WEIGHT POLYETHYLENE TAPE FOR BALLISTIC APPLICATIONS
PO0020-US-CNT	United States Of America	Continuation	08 Jul 2011	13/135536	13 Dec 2011	8075979	NON-FIBROUS HIGH MODULUS ULTRA HIGH MOLECULAR WEIGHT POLYETHYLENE TAPE FOR BALLISTIC APPLICATIONS
PO0020-US-NP	United States Of America	National Patent	25 Jun 2007	11/821659	12 Jul 2011	7976930	NON-FIBROUS HIGH MODULUS ULTRA HIGH MOLECULAR WEIGHT POLYETHYLENE TAPE FOR BALLISTIC APPLICATIONS
PO0025-DE-EPT	Germany	Euro-PCT Application	03 Apr 2008	08826213.4	13 Dec 2017	60200805 3363.8	BALLISTIC-RESISTANT PANEL INCLUDING HIGH MODULUS ULTRA HIGH MOLECULAR WEIGHT POLYETHYLENE TAPE
PO0025-DE-EPT[2]	Germany	Euro-PCT Application	04 Jan 2010	10780903.0	13 Jun 2018	60201005 1301.7	BALLISTIC-RESISTANT PANEL INCLUDING HIGH MODULUS ULTRA HIGH MOLECULAR WEIGHT POLYETHYLENE TAPE
PO0025-DE-ETD	Germany	Euro-PCT Application Divisional	08 Dec 2015	16152167.9	21 Mar 2018	60200805 4564.4	BALLISTIC-RESISTANT PANEL INCLUDING HIGH MODULUS ULTRA HIGH MOLECULAR WEIGHT POLYETHYLENE TAPE

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
PO0025-EP-EPT	European Procedure (Patents)	Euro-PCT Application	03 Apr 2008	08826213.4	13 Dec 2017	2146843	BALLISTIC-RESISTANT PANEL INCLUDING HIGH MODULUS ULTRA HIGH MOLECULAR WEIGHT POLYETHYLENE TAPE
PO0025-EP-EPT[2]	European Procedure (Patents)	Euro-PCT Application	04 Jan 2010	10780903.0	13 Jun 2018	2435250	BALLISTIC-RESISTANT PANEL INCLUDING HIGH MODULUS ULTRA HIGH MOLECULAR WEIGHT POLYETHYLENE TAPE
PO0025-EP-ETD	European Procedure (Patents)	Euro-PCT Application Divisional	08 Dec 2015	16152167.9	21 Mar 2018	3029411	BALLISTIC-RESISTANT PANEL INCLUDING HIGH MODULUS ULTRA HIGH MOLECULAR WEIGHT POLYETHYLENE TAPE
PO0025-FR-EPT	France	Euro-PCT Application	03 Apr 2008	08826213.4	13 Dec 2017	2146843	BALLISTIC-RESISTANT PANEL INCLUDING HIGH MODULUS ULTRA HIGH MOLECULAR WEIGHT POLYETHYLENE TAPE
PO0025-FR-EPT[2]	France	Euro-PCT Application	04 Jan 2010	10780903.0	13 Jun 2018	2435250	BALLISTIC-RESISTANT PANEL INCLUDING HIGH MODULUS ULTRA HIGH MOLECULAR WEIGHT POLYETHYLENE TAPE
PO0025-FR-ETD	France	Euro-PCT Application Divisional	08 Dec 2015	16152167.9	21 Mar 2018	3029411	BALLISTIC-RESISTANT PANEL INCLUDING HIGH MODULUS ULTRA HIGH MOLECULAR WEIGHT POLYETHYLENE TAPE
PO0025-GB-EPT	United Kingdom	Euro-PCT Application	03 Apr 2008	08826213.4	13 Dec 2017	2146843	BALLISTIC-RESISTANT PANEL INCLUDING HIGH MODULUS ULTRA HIGH MOLECULAR WEIGHT POLYETHYLENE TAPE
PO0025-GB-EPT[2]	United Kingdom	Euro-PCT Application	04 Jan 2010	10780903.0	13 Jun 2018	2435250	BALLISTIC-RESISTANT PANEL INCLUDING HIGH MODULUS ULTRA HIGH MOLECULAR WEIGHT POLYETHYLENE TAPE

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
PO0025-GB-ETD	United Kingdom	Euro-PCT Application Divisional	08 Dec 2015	16152167.9	21 Mar 2018	3029411	BALLISTIC-RESISTANT PANEL INCLUDING HIGH MODULUS ULTRA HIGH MOLECULAR WEIGHT POLYETHYLENE TAPE
PO0025-NL-ETD	Netherlands	Euro-PCT Application Divisional	08 Dec 2015	16152167.9	21 Mar 2018	3029411	BALLISTIC-RESISTANT PANEL INCLUDING HIGH MODULUS ULTRA HIGH MOLECULAR WEIGHT POLYETHYLENE TAPE
PO0025-US-CIP	United States Of America	Continuation-in-Part	30 Jul 2007	11/881863	21 Jun 2011	7964267	BALLISTIC-RESISTANT PANEL INCLUDING HIGH MODULUS ULTRA HIGH MOLECULAR WEIGHT POLYETHYLENE TAPE
PO0025-US-CIP[2]	United States Of America	Continuation-in-Part	29 May 2009	12/455279	12 Jul 2011	7976932	BALLISTIC-RESISTANT PANEL INCLUDING HIGH MODULUS ULTRA HIGH MOLECULAR WEIGHT POLYETHYLENE TAPE
PO0025-US-CIP[3]	United States Of America	Continuation-in-Part	20 Nov 2009	12/592198	05 Jul 2011	7972679	BALLISTIC-RESISTANT PANEL INCLUDING HIGH MODULUS ULTRA HIGH MOLECULAR WEIGHT POLYETHYLENE TAPE
PO0025-US-CIP[4]	United States Of America	Continuation-in-Part	15 Jun 2011	13/134742	16 Oct 2012	8287987	BALLISTIC-RESISTANT PANEL INCLUDING HIGH MODULUS ULTRA HIGH MOLECULAR WEIGHT POLYETHYLENE TAPE
PO0030-DE-EPT	Germany	Euro-PCT Application	03 Apr 2008	08742508.8	22 Feb 2012	60200801 3598.5	MULTIPLE CALENDER PROCESS FOR FORMING NON-FIBROUS HIGH MODULUS ULTRA HIGH MOLECULAR WEIGHT POLYETHYLENE TAPE
PO0030-EP-EPT	European Procedure (Patents)	Euro-PCT Application	03 Apr 2008	08742508.8	22 Feb 2012	2155937	MULTIPLE CALENDER PROCESS FOR FORMING NON-FIBROUS HIGH MODULUS ULTRA HIGH MOLECULAR WEIGHT POLYETHYLENE TAPE

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
PO0030-FR-EPT	France	Euro-PCT Application	03 Apr 2008	08742508.8	22 Feb 2012	2155937	MULTIPLE CALENDER PROCESS FOR FORMING NON-FIBROUS HIGH MODULUS ULTRA HIGH MOLECULAR WEIGHT POLYETHYLENE TAPE
PO0030-NL-EPT	Netherlands	Euro-PCT Application	03 Apr 2008	08742508.8	22 Feb 2012	2155937	MULTIPLE CALENDER PROCESS FOR FORMING NON-FIBROUS HIGH MODULUS ULTRA HIGH MOLECULAR WEIGHT POLYETHYLENE TAPE
PO0030-US-CIP	United States Of America	Continuation-in-Part	23 Jul 2007	11/880520	22 Jun 2010	7740779	MULTIPLE CALENDER PROCESS FOR FORMING NON-FIBROUS HIGH MODULUS ULTRA HIGH MOLECULAR WEIGHT POLYETHYLENE TAPE
PO0035-DE-EPT	Germany	Euro-PCT Application	01 Apr 2009	09728649.6	28 Dec 2016	602009043377.6	METHOD AND APPARATUS FOR THE PRODUCTION OF HIGH TENACITY POLYOLEFIN SHEET
PO0035-DE-EPT[2]	Germany	Euro-PCT Application	13 Oct 2009	09820877.0	10 Aug 2016	602009040337.0	METHOD AND APPARATUS FOR THE PRODUCTION OF HIGH TENACITY POLYOLEFIN SHEET
PO0035-EP-EPT	European Procedure (Patents)	Euro-PCT Application	01 Apr 2009	09728649.6	28 Dec 2016	2265427	METHOD AND APPARATUS FOR THE PRODUCTION OF HIGH TENACITY POLYOLEFIN SHEET
PO0035-EP-EPT[2]	European Procedure (Patents)	Euro-PCT Application	13 Oct 2009	09820877.0	10 Aug 2016	2334484	METHOD AND APPARATUS FOR THE PRODUCTION OF HIGH TENACITY POLYOLEFIN SHEET
PO0035-FR-EPT	France	Euro-PCT Application	01 Apr 2009	09728649.6	28 Dec 2016	2265427	METHOD AND APPARATUS FOR THE PRODUCTION OF HIGH TENACITY POLYOLEFIN SHEET

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
PO0035-FR-EPT[2]	France	Euro-PCT Application	13 Oct 2009	09820877.0	10 Aug 2016	2334484	METHOD AND APPARATUS FOR THE PRODUCTION OF HIGH TENACITY POLYOLEFIN SHEET
PO0035-US-CIP	United States Of America	Continuation-in-Part	14 Oct 2008	12/287799	28 Dec 2010	7858004	METHOD AND APPARATUS FOR THE PRODUCTION OF HIGH TENACITY POLYOLEFIN SHEET
PO0035-US-CIP[2]	United States Of America	Continuation-in-Part	06 Jan 2009	12/319321	27 May 2014	8734700	METHOD AND APPARATUS FOR THE PRODUCTION OF HIGH TENACITY POLYOLEFIN SHEET
PO0035-US-CNT	United States Of America	Continuation	15 Dec 2010	12/928617	27 Mar 2012	8142699	METHOD AND APPARATUS FOR THE PRODUCTION OF HIGH TENACITY POLYOLEFIN SHEET
PO0035-US-CNT[2]	United States Of America	Continuation	15 Dec 2010	12/928603	20 Mar 2012	8137601	METHOD AND APPARATUS FOR THE PRODUCTION OF HIGH TENACITY POLYOLEFIN SHEET
PO0035-US-DIV	United States Of America	National Patent Divisional	15 Dec 2010	12/928612	07 Feb 2012	8109750	METHOD AND APPARATUS FOR THE PRODUCTION OF HIGH TENACITY POLYOLEFIN SHEET
PO0035-US-DIV[2]	United States Of America	National Patent Divisional	15 Dec 2010	12/928618	15 May 2012	8177540	METHOD AND APPARATUS FOR THE PRODUCTION OF HIGH TENACITY POLYOLEFIN SHEET
PO0035-US-NP	United States Of America	National Patent	01 Apr 2008	12/080197	21 Dec 2010	7854870	METHOD AND APPARATUS FOR THE PRODUCTION OF HIGH TENACITY POLYOLEFIN SHEET
PO0040-US-CIP	United States Of America	Continuation-in-Part	26 Nov 2008	12/313946	12 Apr 2011	7923094	LAMINATED BALLISTIC SHEET

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
PO0045-CA-PCT[2]	Canada	PCT Application	16 May 2016	3012309			COMPOSITE BALLISTIC RESISTANT LAMINATE
PO0045-CN-PCT	China	PCT Application	25 Jan 2016	201680010726.0			COMPOSITE BALLISTIC RESISTANT LAMINATE
PO0045-CN-PCT[2]	China	PCT Application	16 May 2016	PCT/US16/32699			COMPOSITE BALLISTIC RESISTANT LAMINATE
PO0045-EP-EPT	European Procedure (Patents)	Euro-PCT Application	25 Jan 2016	16708762.6			COMPOSITE BALLISTIC RESISTANT LAMINATE
PO0045-EP-EPT[2]	European Procedure (Patents)	Euro-PCT Application	16 May 2016	16738235.7			COMPOSITE BALLISTIC RESISTANT LAMINATE
PO0045-JP-PCT	Japan	PCT Application	25 Jan 2016	2017-543943			COMPOSITE BALLISTIC RESISTANT LAMINATE
PO0045-JP-PCT[2]	Japan	PCT Application	16 May 2016	2018-548185			COMPOSITE BALLISTIC RESISTANT LAMINATE
PO0045-US-CIP	United States Of America	Continuation-in-Part	12 May 2015	14/709627	29 May 2018	9982967	COMPOSITE BALLISTIC RESISTANT LAMINATE
PO0045-US-CIP[2]	United States Of America	Continuation-in-Part	20 Apr 2016	15/133283			COMPOSITE BALLISTIC RESISTANT LAMINATE
PO0045-US-DIV	United States Of America	National Patent Divisional	31 Jan 2018	15/884992			COMPOSITE BALLISTIC RESISTANT LAMINATE
PO0045-WO-PCT[2]	International Procedure	PCT Application	16 May 2016	PCT/US16/32699			COMPOSITE BALLISTIC RESISTANT LAMINATE
PO0055-US-NP	United States Of America	National Patent	06 Jun 2018	16/000937			CONFORMABLE POLYETHYLENE FABRIC AND ARTICLES MADE THEREFROM
PO0060-US-NP	United States Of America	National Patent	29 Nov 2017	15/825496			POLYETHYLENE SHEET AND ARTICLES MADE THEREFROM

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
PO0060-WO-PCT	International Procedure	PCT Application	19 Sep 2018	PCT/US18/51715			POLYETHYLENE SHEET AND ARTICLES MADE THEREFROM
SS3020-US-NP	United States Of America	National Patent	24 Sep 2002	10/253292	03 May 2005	6887423	PROCESS FOR MAKING A STRETCHABLE NONWOVEN WEB
SS3505-CH-EPA	Switzerland	European Application	05 Dec 2003	03028126.5	20 Jan 2010	1538250	PROCESS FOR PREPARING AN ELASTIC NONWOVEN WEB
SS3505-CN-PCT	China	PCT Application	03 Dec 2004	200480035914.6	30 Mar 2011	200480035914.6	PROCESS FOR PREPARING AN ELASTIC NONWOVEN WEB
SS3505-DE-EPA	Germany	European Application	05 Dec 2003	03028126.5	20 Jan 2010	60331079.6	PROCESS FOR PREPARING AN ELASTIC NONWOVEN WEB
SS3505-DE-EPT	Germany	Euro-PCT Application	03 Dec 2004	04812979.5	01 Feb 2012	602004036399.5	PROCESS FOR PREPARING AN ELASTIC NONWOVEN WEB
SS3505-DK-EPA	Denmark	European Application	05 Dec 2003	03028126.5	20 Jan 2010	1538250	PROCESS FOR PREPARING AN ELASTIC NONWOVEN WEB
SS3505-EP-EPA	European Procedure (Patents)	European Application	05 Dec 2003	03028126.5	20 Jan 2010	1538250	PROCESS FOR PREPARING AN ELASTIC NONWOVEN WEB
SS3505-EP-EPT	European Procedure (Patents)	Euro-PCT Application	03 Dec 2004	04812979.5	01 Feb 2012	1699961	PROCESS FOR PREPARING AN ELASTIC NONWOVEN WEB
SS3505-ES-EPA	Spain	European Application	05 Dec 2003	03028126.5	20 Jan 2010	1538250	PROCESS FOR PREPARING AN ELASTIC NONWOVEN WEB
SS3505-FR-EPA	France	European Application	05 Dec 2003	03028126.5	20 Jan 2010	1538250	PROCESS FOR PREPARING AN ELASTIC NONWOVEN WEB
SS3505-FR-EPT	France	Euro-PCT Application	03 Dec 2004	04812979.5	01 Feb 2012	1699961	PROCESS FOR PREPARING AN ELASTIC NONWOVEN WEB
SS3505-GB-EPA	United Kingdom	European Application	05 Dec 2003	03028126.5	20 Jan 2010	1538250	PROCESS FOR PREPARING AN ELASTIC NONWOVEN WEB

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
SS3505-GB-EPT	United Kingdom	Euro-PCT Application	03 Dec 2004	04812979.5	01 Feb 2012	1699961	PROCESS FOR PREPARING AN ELASTIC NONWOVEN WEB
SS3505-HK-FPR	Hong Kong	Foreign Patent Registration	30 Sep 2011	07111770.6	02 Dec 2011	1106561	PROCESS FOR PREPARING AN ELASTIC NONWOVEN WEB
SS3505-IT-EPA	Italy	European Application	05 Dec 2003	03028126.5	20 Jan 2010	1538250	PROCESS FOR PREPARING AN ELASTIC NONWOVEN WEB
SS3505-JP-PCT	Japan	PCT Application	03 Dec 2004	542800/06	10 Feb 2011	4681563	PROCESS FOR PREPARING AN ELASTIC NONWOVEN WEB
SS3505-LU-EPA	Luxembourg	European Application	05 Dec 2003	03028126.5	20 Jan 2010	03028126.4	PROCESS FOR PREPARING AN ELASTIC NONWOVEN WEB
SS3505-SE-EPA	Sweden	European Application	05 Dec 2003	03028126.5	20 Jan 2010	1538250	PROCESS FOR PREPARING AN ELASTIC NONWOVEN WEB
SS3505-US-DIV	United States Of America	National Patent Divisional	14 Jan 2010	12/687523	28 Feb 2012	8123890	PROCESS FOR PREPARING AN ELASTIC NONWOVEN WEB
SS3505-US-NP	United States Of America	National Patent	18 Feb 2004	10/780781	11 May 2010	7713894	PROCESS FOR PREPARING AN ELASTIC NONWOVEN WEB
SS3570-CN-PCT	China	PCT Application	10 Dec 2008	200880120300.6	19 Jun 2013	200880120300.6	MULTICOMPONENT FIBER WITH POLYARYLENE SULFIDE COMPONENT
SS3570-EP-EPT	European Procedure (Patents)	Euro-PCT Application	10 Dec 2008	08859962.6			MULTICOMPONENT FIBER WITH POLYARYLENE SULFIDE COMPONENT
SS3570-JP-PCT	Japan	PCT Application	10 Dec 2008	538135/10	23 May 2014	5547651	MULTICOMPONENT FIBER WITH POLYARYLENE SULFIDE COMPONENT
SS3570-US-NP	United States Of America	National Patent	13 Dec 2007	12/001803	16 Aug 2011	7998577	MULTICOMPONENT FIBER WITH POLYARYLENE SULFIDE COMPONENT
SS3635-US-NP	United States Of America	National Patent	09 Aug 2006	11/501655	30 Mar 2010	7687415	ELASTIC NONWOVEN COMPOSITE

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
SS3680-US-NP	United States Of America	National Patent	16 Dec 2008	12/335899	16 Aug 2011	7998578	POLYPHENYLENE SULFIDE SPUNBOND FIBER
TK3225-JP-PCT	Japan	PCT Application	14 Jan 1999	540299/00	09 Jan 2004	3507916	FLASH SPINNING PROCESS AND FLASH SPINNING SOLUTION
TK3365-US-DIV[1]	United States Of America	National Patent Divisional	30 Apr 2002	10/135781	17 Feb 2004	6692826	FLASH SPINNING PROCESSES AND SOLUTIONS OF POLYESTER
TK3365-US-NP	United States Of America	National Patent	22 Mar 2000	09/533397	01 Oct 2002	6458304	FLASH SPINNING PROCESSES AND SOLUTIONS OF POLYESTER
TK3380-US-CPA[1]	United States Of America	Continuing Prosecution Appli.	09 Jun 1999	09/329008	12 Mar 2002	6355333	CONSTRUCTION MEMBRANE
TK3410-CN-PCT	China	PCT Application	18 Oct 2000	00814511.3	05 Oct 2005	229765	FLASH-SPUN SHEET MATERIAL
TK3410-DE-EPT	Germany	Euro-PCT Application	18 Oct 2000	00973616.6	12 Oct 2005	60023165.8	FLASH-SPUN SHEET MATERIAL
TK3410-EP-EPT	European Procedure (Patents)	Euro-PCT Application	18 Oct 2000	00973616.6	12 Oct 2005	1222326	FLASH-SPUN SHEET MATERIAL
TK3410-FR-EPT	France	Euro-PCT Application	18 Oct 2000	00973616.6	12 Oct 2005	1222326	FLASH-SPUN SHEET MATERIAL
TK3410-GB-EPT	United Kingdom	Euro-PCT Application	18 Oct 2000	00973616.6	12 Oct 2005	1222326	FLASH-SPUN SHEET MATERIAL
TK3410-JP-PCD	Japan	PCT Application Divisional	30 May 2012	115260/12	01 Mar 2013	5209809	FLASH-SPUN SHEET MATERIAL
TK3410-US-CNT	United States Of America	Continuation	19 May 2008	12/123133	29 Jun 2010	7744989	FLASH-SPUN SHEET MATERIAL

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
TK3410-US-CNT[1]	United States Of America	Continuation	28 Jun 2010	12/824321	01 Nov 2011	8048513	FLASH-SPUN SHEET MATERIAL
TK3430-DE-EPT	Germany	Euro-PCT Application	12 Feb 2001	01909104.0	11 Oct 2006	60123761.7	FLASH-SPINNING PROCESS AND SOLUTION
TK3430-EP-EPT	European Procedure (Patents)	Euro-PCT Application	12 Feb 2001	01909104.0	11 Oct 2006	1264013	FLASH-SPINNING PROCESS AND SOLUTION
TK3430-FR-EPT	France	Euro-PCT Application	12 Feb 2001	01909104.0	11 Oct 2006	1264013	FLASH-SPINNING PROCESS AND SOLUTION
TK3430-GB-EPT	United Kingdom	Euro-PCT Application	12 Feb 2001	01909104.0	11 Oct 2006	1264013	FLASH-SPINNING PROCESS AND SOLUTION
TK3430-JP-PCT	Japan	PCT Application	12 Feb 2001	559915/01	22 Jul 2011	4786851	FLASH-SPINNING PROCESS AND SOLUTION
TK3430-US-NP	United States Of America	National Patent	31 Jan 2001	09/773205	28 Oct 2003	6638470	FLASH-SPINNING PROCESS AND SOLUTION
TK3450-JP-PCT	Japan	PCT Application	18 Aug 2000	518485/01	21 Apr 2006	3796443	FLASH-SPINNING PROCESS AND SOLUTION
TK3450-US-PCT	United States Of America	PCT Application	18 Aug 2000	10/275586	20 Feb 2007	7179413	FLASH-SPINNING PROCESS AND SOLUTION
TK3550-DE-EPT	Germany	Euro-PCT Application	22 Dec 2000	00984514.0	24 Jan 2007	1349972	AZEOTROPE MIXTURES WITH PERFLUOROBUTYLETHYLENE.
TK3550-EP-EPT	European Procedure (Patents)	Euro-PCT Application	22 Dec 2000	00984514.0	24 Jan 2007	1349972	AZEOTROPE MIXTURES WITH PERFLUOROBUTYLETHYLENE.
TK3550-FR-EPT	France	Euro-PCT Application	22 Dec 2000	00984514.0	24 Jan 2007	1349972	AZEOTROPE MIXTURES WITH PERFLUOROBUTYLETHYLENE.

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
TK3550-GB-EPT	United Kingdom	Euro-PCT Application	22 Dec 2000	00984514.0	24 Jan 2007	1349972	AZEOTROPE MIXTURES WITH PERFLUOROBUTYLETHYLENE.
TK3550-JP-PCT	Japan	PCT Application	22 Dec 2000	553547/02	20 Apr 2012	4974442	AZEOTROPE MIXTURES WITH PERFLUOROBUTYLETHYLENE.
TK3550-US-PCT	United States Of America	PCT Application	22 Dec 2000	10/415563	21 Sep 2004	6793840	AZEOTROPE MIXTURES WITH PERFLUOROBUTYLETHYLENE.
TK3560-CA-DIV[1]	Canada	National Patent Divisional	29 Jun 2006	2550379	11 Dec 2007	2550379	STRETCHABLE FLASHING MATERIALS AND PROCESSES FOR MAKING
TK3560-CA-PCT	Canada	PCT Application	25 Apr 2001	2405251	12 Sep 2006	2405251	STRETCHABLE FLASHING MATERIALS AND PROCESSES FOR MAKING
TK3560-EP-EPT	European Procedure (Patents)	Euro-PCT Application	25 Apr 2001	01930776.8	31 Dec 2008	1290289	STRETCHABLE FLASHING MATERIALS AND PROCESSES FOR MAKING
TK3560-GB-EPT	United Kingdom	Euro-PCT Application	25 Apr 2001	01930776.8	31 Dec 2008	1290289	STRETCHABLE FLASHING MATERIALS AND PROCESSES FOR MAKING
TK3560-JP-PCT	Japan	PCT Application	25 Apr 2001	578751/01	19 Dec 2008	4235388	STRETCHABLE FLASHING MATERIALS AND PROCESSES FOR MAKING
TK3565-US-NP	United States Of America	National Patent	25 Feb 2000	09/512921	26 Nov 2002	6485821	GYPSUM-BASED CONSTRUCTION MATERIAL
TK3570-US-NP	United States Of America	National Patent	25 Feb 2000	09/513097	09 Mar 2004	6703331	FUNGUS RESISTANT GYPSUM-BASED SUBSTRATE
TK3645-CN-PCT	China	PCT Application	31 May 2002	02811067.6	12 Mar 2008	383475	PROCESS FOR BLENDING FLUIDS OF WIDELY DIFFERING VISCOSITIES

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
TK3645-DE-EPT	Germany	Euro-PCT Application	31 May 2002	02737286.1	19 Apr 2006	60210765.2	PROCESS FOR BLENDING FLUIDS OF WIDELY DIFFERING VISCOSITIES
TK3645-EP-EPT	European Procedure (Patents)	Euro-PCT Application	31 May 2002	02737286.1	19 Apr 2006	1392418	PROCESS FOR BLENDING FLUIDS OF WIDELY DIFFERING VISCOSITIES
TK3645-FR-EPT	France	Euro-PCT Application	31 May 2002	02737286.1	19 Apr 2006	1392418	PROCESS FOR BLENDING FLUIDS OF WIDELY DIFFERING VISCOSITIES
TK3645-GB-EPT	United Kingdom	Euro-PCT Application	31 May 2002	02737286.1	19 Apr 2006	1392418	PROCESS FOR BLENDING FLUIDS OF WIDELY DIFFERING VISCOSITIES
TK3645-US-NP	United States Of America	National Patent	31 May 2002	10/159333	02 Mar 2004	6698917	PROCESS FOR BLENDING FLUIDS OF WIDELY DIFFERING VISCOSITIES
TK3655-CN-PCT	China	PCT Application	05 Apr 2004	200480009378.2	29 Oct 2008	200480009378.2	ROTARY PROCESS FOR FORMING UNIFORM MATERIAL
TK3655-DE-EPT	Germany	Euro-PCT Application	05 Apr 2004	04758882.7	04 Aug 2010	602004028487.4	ROTARY PROCESS FOR FORMING UNIFORM MATERIAL
TK3655-DE-ETD	Germany	Euro-PCT Application Divisional	16 Jul 2010	10007408.7	24 Oct 2012	602004039830.6	ROTARY PROCESS FOR FORMING UNIFORM MATERIAL
TK3655-EP-EPT	European Procedure (Patents)	Euro-PCT Application	05 Apr 2004	04758882.7	04 Aug 2010	1656474	ROTARY PROCESS FOR FORMING UNIFORM MATERIAL
TK3655-EP-ETD	European Procedure (Patents)	Euro-PCT Application Divisional	16 Jul 2010	10007408.7	24 Oct 2012	2264230	ROTARY PROCESS FOR FORMING UNIFORM MATERIAL
TK3655-FR-EPT	France	Euro-PCT Application	05 Apr 2004	04758882.7	04 Aug 2010	1656474	ROTARY PROCESS FOR FORMING UNIFORM MATERIAL

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
TK3655-FR-ETD	France	Euro-PCT Application Divisional	16 Jul 2010	10007408.7	24 Oct 2012	2264230	ROTARY PROCESS FOR FORMING UNIFORM MATERIAL
TK3655-GB-EPT	United Kingdom	Euro-PCT Application	05 Apr 2004	04758882.7	04 Aug 2010	1656474	ROTARY PROCESS FOR FORMING UNIFORM MATERIAL
TK3655-GB-ETD	United Kingdom	Euro-PCT Application Divisional	16 Jul 2010	10007408.7	24 Oct 2012	2264230	ROTARY PROCESS FOR FORMING UNIFORM MATERIAL
TK3655-JP-PCT	Japan	PCT Application	05 Apr 2004	509701/06	05 Nov 2010	4621658	ROTARY PROCESS FOR FORMING UNIFORM MATERIAL
TK3655-KR-PCD	South Korea / Republic of Korea	PCT Application Divisional	29 Feb 2012	10-2012-7005533	31 May 2013	1272425	ROTARY PROCESS FOR FORMING UNIFORM MATERIAL
TK3655-US-DIV	United States Of America	National Patent Divisional	13 Feb 2006	11/352580	24 Nov 2009	7621731	ROTARY PROCESS FOR FORMING UNIFORM MATERIAL
TK3655-US-DIV[1]	United States Of America	National Patent Divisional	14 Mar 2006	11/375235	31 Aug 2010	7786034	ROTARY PROCESS FOR FORMING UNIFORM MATERIAL
TK3655-US-NP	United States Of America	National Patent	05 Apr 2004	10/818152	10 Oct 2006	7118698	ROTARY PROCESS FOR FORMING UNIFORM MATERIAL
TK3670-CA-DIV	Canada	National Patent Divisional	28 Apr 2011	2738540	11 Feb 2014	2738540	COATED SHEET MATERIALS AND PACKAGES MADE THEREWITH
TK3670-CA-PCT	Canada	PCT Application	20 Jun 2003	2487773	22 Nov 2011	2487773	COATED SHEET MATERIALS AND PACKAGES MADE THEREWITH
TK3670-CN-PCT	China	PCT Application	20 Jun 2003	03815224.X	29 Oct 2008	03815224.X	COATED SHEET MATERIALS AND PACKAGES MADE THEREWITH

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
TK3670-DE-EPT	Germany	Euro-PCT Application	20 Jun 2003	03739249.5	23 May 2007	60313969.8	COATED SHEET MATERIALS AND PACKAGES MADE THEREWITH
TK3670-DE-ETD	Germany	Euro-PCT Application Divisional	09 Aug 2006	06016665.9	01 Apr 2009	60327006.9	COATED SHEET MATERIALS AND PACKAGES MADE THEREWITH
TK3670-EP-EPT	European Procedure (Patents)	Euro-PCT Application	20 Jun 2003	03739249.5	23 May 2007	1519883	COATED SHEET MATERIALS AND PACKAGES MADE THEREWITH
TK3670-EP-ETD	European Procedure (Patents)	Euro-PCT Application Divisional	09 Aug 2006	06016665.9	01 Apr 2009	1717018	COATED SHEET MATERIALS AND PACKAGES MADE THEREWITH
TK3670-FR-EPT	France	Euro-PCT Application	20 Jun 2003	03739249.5	23 May 2007	1519883	COATED SHEET MATERIALS AND PACKAGES MADE THEREWITH
TK3670-FR-ETD	France	Euro-PCT Application Divisional	09 Aug 2006	06016665.9	01 Apr 2009	1717018	COATED SHEET MATERIALS AND PACKAGES MADE THEREWITH
TK3670-GB-EPT	United Kingdom	Euro-PCT Application	20 Jun 2003	03739249.5	23 May 2007	1519883	COATED SHEET MATERIALS AND PACKAGES MADE THEREWITH
TK3670-GB-ETD	United Kingdom	Euro-PCT Application Divisional	09 Aug 2006	06016665.9	01 Apr 2009	1717018	COATED SHEET MATERIALS AND PACKAGES MADE THEREWITH
TK3670-JP-DIV	Japan	National Patent Divisional	20 Jun 2003	82436/09	18 Oct 2013	5389499	COATED SHEET MATERIALS AND PACKAGES MADE THEREWITH

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
TK3670-JP-PCT	Japan	PCT Application	20 Jun 2003	517731/04	03 Jul 2009	4336649	COATED SHEET MATERIALS AND PACKAGES MADE THEREWITH
TK3670-SE-ETD	Sweden	Euro-PCT Application Divisional	09 Aug 2006	06016665.9	01 Apr 2009	1717018	COATED SHEET MATERIALS AND PACKAGES MADE THEREWITH
TK3670-US-DIV	United States Of America	National Patent Divisional	18 Nov 2005	11/282553	17 Feb 2009	7491433	COATED SHEET MATERIALS AND PACKAGES MADE THEREWITH
TK3690-CA-PCT	Canada	PCT Application	17 Sep 2003	2499065	17 May 2011	2499065	EXTREMELY HIGH LIQUID BARRIER FABRICS
TK3690-CN-PCT	China	PCT Application	17 Sep 2003	03822010.5	11 Aug 2010	03822010.5	EXTREMELY HIGH LIQUID BARRIER FABRICS
TK3690-DE-EPT	Germany	Euro-PCT Application	17 Sep 2003	03754729.6	04 Nov 2009	60329922.9	EXTREMELY HIGH LIQUID BARRIER FABRICS
TK3690-EP-EPT	European Procedure (Patents)	Euro-PCT Application	17 Sep 2003	03754729.6	04 Nov 2009	1540062	EXTREMELY HIGH LIQUID BARRIER FABRICS
TK3690-FR-EPT	France	Euro-PCT Application	17 Sep 2003	03754729.6	04 Nov 2009	1540062	EXTREMELY HIGH LIQUID BARRIER FABRICS
TK3690-GB-EPT	United Kingdom	Euro-PCT Application	17 Sep 2003	03754729.6	04 Nov 2009	1540062	EXTREMELY HIGH LIQUID BARRIER FABRICS
TK3690-JP-PCT	Japan	PCT Application	17 Sep 2003	538186/04	03 Jul 2009	4336651	EXTREMELY HIGH LIQUID BARRIER FABRICS
TK3690-KR-PCT	South Korea / Republic of Korea	PCT Application	17 Sep 2003	10-2005-7004393	08 Jul 2011	1049667	EXTREMELY HIGH LIQUID BARRIER FABRICS
TK3690-US-DIV	United States Of America	National Patent Divisional	28 Mar 2011	13/072870	25 Feb 2014	8658548	EXTREMELY HIGH LIQUID BARRIER FABRICS

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
TK3715-US-NP	United States Of America	National Patent	14 Jun 2002	10/172135	05 Oct 2004	6800361	GYPSON BOARD HAVING IMPROVED FLEXIBILITY, TOUGHNESS, ABUSE RESISTANCE, WATER RESISTANCE AND FIRE RESISTANCE
TK3750-CN-PCT	China	PCT Application	16 Dec 2003	2003801071 20.1	24 Nov 2010	20038010 7120.1	A SPIN FLUID FOR FLASH SPINNING USING STRAIGHT CHAIN HYDROFLUOROCARBON CO-SOLVENTS
TK3750-DE-EPT	Germany	Euro-PCT Application	16 Dec 2003	03790525.4	14 Apr 2010	60332153. 4	A SPIN FLUID FOR FLASH SPINNING USING STRAIGHT CHAIN HYDROFLUOROCARBON CO-SOLVENTS
TK3750-EP-EPT	European Procedure (Patents)	Euro-PCT Application	16 Dec 2003	03790525.4	14 Apr 2010	1573097	A SPIN FLUID FOR FLASH SPINNING USING STRAIGHT CHAIN HYDROFLUOROCARBON CO-SOLVENTS
TK3750-FR-EPT	France	Euro-PCT Application	16 Dec 2003	03790525.4	14 Apr 2010	1573097	A SPIN FLUID FOR FLASH SPINNING USING STRAIGHT CHAIN HYDROFLUOROCARBON CO-SOLVENTS
TK3750-GB-EPT	United Kingdom	Euro-PCT Application	16 Dec 2003	03790525.4	14 Apr 2010	1573097	A SPIN FLUID FOR FLASH SPINNING USING STRAIGHT CHAIN HYDROFLUOROCARBON CO-SOLVENTS
TK3750-JP-PCT	Japan	PCT Application	16 Dec 2003	563687/04	10 Oct 2008	4196949	A SPIN FLUID FOR FLASH SPINNING USING STRAIGHT CHAIN HYDROFLUOROCARBON CO-SOLVENTS
TK3750-US-NP	United States Of America	National Patent	18 Dec 2002	10/322145	27 Nov 2007	7300968	A SPIN FLUID FOR FLASH SPINNING USING STRAIGHT CHAIN HYDROFLUOROCARBON CO-SOLVENTS

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
TK3775-CN-PCT	China	PCT Application	05 Apr 2004	200480008674.0	09 Sep 2009	200480008674.0	PROCESS FOR FORMING UNIFORMLY DISTRIBUTED MATERIAL
TK3775-DE-EPT	Germany	Euro-PCT Application	05 Apr 2004	04758877.7	28 Jun 2006	602004001399.4	PROCESS FOR FORMING UNIFORMLY DISTRIBUTED MATERIAL
TK3775-EP-EPT	European Procedure (Patents)	Euro-PCT Application	05 Apr 2004	04758877.7	28 Jun 2006	1608802	PROCESS FOR FORMING UNIFORMLY DISTRIBUTED MATERIAL
TK3775-FR-EPT	France	Euro-PCT Application	05 Apr 2004	04758877.7	28 Jun 2006	1608802	PROCESS FOR FORMING UNIFORMLY DISTRIBUTED MATERIAL
TK3775-GB-EPT	United Kingdom	Euro-PCT Application	05 Apr 2004	04758877.7	28 Jun 2006	1608802	PROCESS FOR FORMING UNIFORMLY DISTRIBUTED MATERIAL
TK3775-JP-PCT	Japan	PCT Application	05 Apr 2004	509697/06	24 Sep 2010	4594929	PROCESS FOR FORMING UNIFORMLY DISTRIBUTED MATERIAL
TK3775-KR-PCT	South Korea / Republic of Korea	PCT Application	05 Apr 2004	10-2005-7018697	27 Mar 2013	1250129	PROCESS FOR FORMING UNIFORMLY DISTRIBUTED MATERIAL
TK3775-US-CNT	United States Of America	Continuation	25 Jul 2008	12/220631	14 Feb 2012	8114325	PROCESS FOR FORMING UNIFORMLY DISTRIBUTED MATERIAL
TK3855-DE-EPT	Germany	Euro-PCT Application	15 Dec 2005	05854235.8	03 Aug 2011	1844188	FLASH SPUN WEB CONTAINING SUB-MICRON FILAMENTS AND PROCESS FOR FORMING SAME
TK3855-DE-ETD	Germany	Euro-PCT Application Divisional	01 Feb 2011	11000759.8	25 Jan 2017	602005051254.3	FLASH SPUN WEB CONTAINING SUB-MICRON FILAMENTS AND PROCESS FOR FORMING SAME
TK3855-EP-EPT	European Procedure (Patents)	Euro-PCT Application	15 Dec 2005	05854235.8	03 Aug 2011	1844188	FLASH SPUN WEB CONTAINING SUB-MICRON FILAMENTS AND PROCESS FOR FORMING SAME

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
TK3855-EP-ETD	European Procedure (Patents)	Euro-PCT Application Divisional	01 Feb 2011	11000759.8	25 Jan 2017	2327823	FLASH SPUN WEB CONTAINING SUB-MICRON FILAMENTS AND PROCESS FOR FORMING SAME
TK3860-CN-PCT	China	PCT Application	22 Oct 2004	200480031439.5	08 Dec 2010	200480031439.5	POROUS FIBROUS SHEETS OF NANOFIBERS
TK3860-DE-EPT	Germany	Euro-PCT Application	22 Oct 2004	04796330.1	08 Jun 2011	602004033002.7	POROUS FIBROUS SHEETS OF NANOFIBERS
TK3860-EP-EPT	European Procedure (Patents)	Euro-PCT Application	22 Oct 2004	04796330.1	08 Jun 2011	1687480	POROUS FIBROUS SHEETS OF NANOFIBERS
TK3860-FR-EPT	France	Euro-PCT Application	22 Oct 2004	04796330.1	08 Jun 2011	1687480	POROUS FIBROUS SHEETS OF NANOFIBERS
TK3860-GB-EPT	United Kingdom	Euro-PCT Application	22 Oct 2004	04796330.1	08 Jun 2011	1687480	POROUS FIBROUS SHEETS OF NANOFIBERS
TK3860-JP-PCT	Japan	PCT Application	22 Oct 2004	536897/06	04 Feb 2011	4676962	POROUS FIBROUS SHEETS OF NANOFIBERS
TK3860-KR-PCT	South Korea / Republic of Korea	PCT Application	22 Oct 2004	10-2006-7007750	27 Aug 2013	1302769	POROUS FIBROUS SHEETS OF NANOFIBERS
TK3860-US-NP	United States Of America	National Patent	22 Oct 2004	10/971382	09 Apr 2013	8415262	POROUS FIBROUS SHEETS OF NANOFIBERS
TK3890-CN-PCT	China	PCT Application	14 Oct 2005	200580034692.0	09 Jun 2010	200580034692.0	SELF-ADHERING FLASHING SYSTEM HAVING HIGH EXTENSIBILITY AND LOW RETRACTION
TK3890-DE-EPT	Germany	Euro-PCT Application	14 Oct 2005	05807843.7	26 Sep 2012	602005036326.2	SELF-ADHERING FLASHING SYSTEM HAVING HIGH EXTENSIBILITY AND LOW RETRACTION

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
TK3890-EP-EPT	European Procedure (Patents)	Euro-PCT Application	14 Oct 2005	05807843.7	26 Sep 2012	1799946	SELF-ADHERING FLASHING SYSTEM HAVING HIGH EXTENSIBILITY AND LOW RETRACTION
TK3890-FR-EPT	France	Euro-PCT Application	14 Oct 2005	05807843.7	26 Sep 2012	1799946	SELF-ADHERING FLASHING SYSTEM HAVING HIGH EXTENSIBILITY AND LOW RETRACTION
TK3890-GB-EPT	United Kingdom	Euro-PCT Application	14 Oct 2005	05807843.7	26 Sep 2012	1799946	SELF-ADHERING FLASHING SYSTEM HAVING HIGH EXTENSIBILITY AND LOW RETRACTION
TK3890-JP-PCT	Japan	PCT Application	14 Oct 2005	536917/07	05 Mar 2010	4467618	SELF-ADHERING FLASHING SYSTEM HAVING HIGH EXTENSIBILITY AND LOW RETRACTION
TK3890-US-NP	United States Of America	National Patent	15 Oct 2004	10/966120	19 Mar 2013	8399088	SELF-ADHERING FLASHING SYSTEM HAVING HIGH EXTENSIBILITY AND LOW RETRACTION
TK3895-CN-DIV	China	National Patent Divisional	28 Apr 2009	2009101354 63.8	27 Jul 2011	20091013 5463.8	ROTARY PROCESS FOR FORMING UNIFORM MATERIAL
TK3895-CN-PCT	China	PCT Application	01 Apr 2005	2005800101 34.0	21 Mar 2012	20058001 0134.0	ROTARY PROCESS FOR FORMING UNIFORM MATERIAL
TK3895-DE-EPT	Germany	Euro-PCT Application	01 Apr 2005	05732585.4	08 Aug 2012	60200503 5520.0	ROTARY PROCESS FOR FORMING UNIFORM MATERIAL
TK3895-EP-EPT	European Procedure (Patents)	Euro-PCT Application	01 Apr 2005	05732585.4	08 Aug 2012	1730332	ROTARY PROCESS FOR FORMING UNIFORM MATERIAL
TK3895-FR-EPT	France	Euro-PCT Application	01 Apr 2005	05732585.4	08 Aug 2012	1730332	ROTARY PROCESS FOR FORMING UNIFORM MATERIAL

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
TK3895-GB-EPT	United Kingdom	Euro-PCT Application	01 Apr 2005	05732585.4	08 Aug 2012	1730332	ROTARY PROCESS FOR FORMING UNIFORM MATERIAL
TK3895-JP-PCT	Japan	PCT Application	01 Apr 2005	506360/07	04 Nov 2011	4856625	ROTARY PROCESS FOR FORMING UNIFORM MATERIAL
TK3895-KR-PCT	South Korea / Republic of Korea	PCT Application	01 Apr 2005	10-2006-7020454	29 Nov 2012	1208805	ROTARY PROCESS FOR FORMING UNIFORM MATERIAL
TK3895-US-DIV	United States Of America	National Patent Divisional	01 May 2007	11/799388			ROTARY PROCESS FOR FORMING UNIFORM MATERIAL
TK3895-US-DIV[1]	United States Of America	National Patent Divisional	14 May 2009	12/465905	16 Aug 2011	7998388	ROTARY PROCESS FOR FORMING UNIFORM MATERIAL
TK3895-US-NP	United States Of America	National Patent	01 Apr 2005	11/096996	01 Sep 2009	7582240	ROTARY PROCESS FOR FORMING UNIFORM MATERIAL
TK3900-CN-PCT	China	PCT Application	08 Nov 2005	200580037861.6	25 Jan 2012	200580037861.6	FILTRATION MEDIA FOR FILTERING PARTICULATE MATERIAL FROM GAS STREAMS
TK3900-DE-EPT	Germany	Euro-PCT Application	08 Nov 2005	05848354.6	30 May 2012	602005034462.4	FILTRATION MEDIA FOR FILTERING PARTICULATE MATERIAL FROM GAS STREAMS
TK3900-EP-EPT	European Procedure (Patents)	Euro-PCT Application	08 Nov 2005	05848354.6	30 May 2012	1819414	FILTRATION MEDIA FOR FILTERING PARTICULATE MATERIAL FROM GAS STREAMS
TK3900-FR-EPT	France	Euro-PCT Application	08 Nov 2005	05848354.6	30 May 2012	1819414	FILTRATION MEDIA FOR FILTERING PARTICULATE MATERIAL FROM GAS STREAMS
TK3900-GB-EPT	United Kingdom	Euro-PCT Application	08 Nov 2005	05848354.6	30 May 2012	1819414	FILTRATION MEDIA FOR FILTERING PARTICULATE MATERIAL FROM GAS STREAMS
TK3900-JP-PCT	Japan	PCT Application	08 Nov 2005	540427/07	26 Apr 2013	5252924	FILTRATION MEDIA FOR FILTERING PARTICULATE MATERIAL FROM GAS STREAMS

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
TK3900-KR-PCT	South Korea / Republic of Korea	PCT Application	08 Nov 2005	10-2007-7012173	22 Mar 2013	1248677	FILTRATION MEDIA FOR FILTERING PARTICULATE MATERIAL FROM GAS STREAMS
TK3900-US-NP	United States Of America	National Patent	08 Nov 2004	10/983513	26 Jun 2007	7235122	FILTRATION MEDIA FOR FILTERING PARTICULATE MATERIAL FROM GAS STREAMS
TK3915-CN-PCT	China	PCT Application	20 Nov 2002	02810669.5	29 Aug 2007	02810669.5	A MANUFACTURING DEVICE AND THE METHOD OF PREPARING FOR THE NANOFIBERS VIA ELECTRO-BLOWN SPINNING PROCESS.
TK3915-DE-EPT	Germany	Euro-PCT Application	20 Nov 2002	02788974.0	23 Dec 2009	60234869.2	A MANUFACTURING DEVICE AND THE METHOD OF PREPARING FOR THE NANOFIBERS VIA ELECTRO-BLOWN SPINNING PROCESS.
TK3915-EP-EPT	European Procedure (Patents)	Euro-PCT Application	20 Nov 2002	02788974.0	23 Dec 2009	1495170	A MANUFACTURING DEVICE AND THE METHOD OF PREPARING FOR THE NANOFIBERS VIA ELECTRO-BLOWN SPINNING PROCESS.
TK3915-FR-EPT	France	Euro-PCT Application	20 Nov 2002	02788974.0	23 Dec 2009	1495170	A MANUFACTURING DEVICE AND THE METHOD OF PREPARING FOR THE NANOFIBERS VIA ELECTRO-BLOWN SPINNING PROCESS.
TK3915-GB-EPT	United Kingdom	Euro-PCT Application	20 Nov 2002	02788974.0	23 Dec 2009	1495170	A MANUFACTURING DEVICE AND THE METHOD OF PREPARING FOR THE NANOFIBERS VIA ELECTRO-BLOWN SPINNING PROCESS.

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
TK3915-IT-EPT	Italy	Euro-PCT Application	20 Nov 2002	02788974.0	23 Dec 2009	1495170	A MANUFACTURING DEVICE AND THE METHOD OF PREPARING FOR THE NANOFIBERS VIA ELECTRO-BLOWN SPINNING PROCESS.
TK3915-JP-PCT	Japan	PCT Application	20 Nov 2002	578623/03	30 Nov 2007	4047286	A MANUFACTURING DEVICE AND THE METHOD OF PREPARING FOR THE NANOFIBERS VIA ELECTRO-BLOWN SPINNING PROCESS.
TK3915-KR-NP	South Korea / Republic of Korea	National Patent	26 Mar 2002	10-2002-16489	26 Jan 2006	0549140	A MANUFACTURING DEVICE AND THE METHOD OF PREPARING FOR THE NANOFIBERS VIA ELECTRO-BLOWN SPINNING PROCESS.
TK3915-US-CNT[1]	United States Of America	Continuation	14 May 2012	13/470579	01 Apr 2014	8685310	A MANUFACTURING DEVICE AND THE METHOD OF PREPARING FOR THE NANOFIBERS VIA ELECTRO-BLOWN SPINNING PROCESS.
TK3915-US-DIV[1]	United States Of America	National Patent Divisional	27 Aug 2009	12/548732	08 Mar 2016	9279203	MANUFACTURING DEVICE AND THE METHOD OF PREPARING FOR THE NANOFIBERS VIA ELECTRO-BLOWN SPINNING PROCESS.
TK3915-US-PCT	United States Of America	PCT Application	19 Nov 2003	10/477882	17 Nov 2009	7618579	A MANUFACTURING DEVICE AND THE METHOD OF PREPARING FOR THE NANOFIBERS VIA ELECTRO-BLOWN SPINNING PROCESS.
TK3925-KR-NP	South Korea / Republic of Korea	National Patent	07 Nov 2002	10-2002-0068887	09 Jan 2006	543489	A MANUFACTURING DEVICE AND THE METHOD OF PREPARING FOR THE NANOFIBERS VIA ELECTRO-BLOWN SPINNING PROCESS.

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
TK3930-KR-NP	South Korea / Republic of Korea	National Patent	07 Jun 2001	10-2001-0031587	11 Oct 2004	453670	METHOD FOR MANUFACTURING ULTRAFINE SHORT FIBERS.
TK3935-KR-NP	South Korea / Republic of Korea	National Patent	07 Jun 2001	10-2001-0031586	06 Sep 2005	0514572	METHOD FOR MANUFACTURING ULTRAFINE SHORT FIBERS
TK3980-CN-PCT	China	PCT Application	19 Sep 2007	200780034542.9	26 Dec 2012	200780034542.9	IMPROVED NANOWEBS
TK3980-EP-EPT	European Procedure (Patents)	Euro-PCT Application	19 Sep 2007	07852413.9			IMPROVED NANOWEBS
TK3980-JP-PCT	Japan	PCT Application	19 Sep 2007	529230/09	19 Sep 2014	5615547	IMPROVED NANOWEBS
TK3980-KR-PCT	South Korea / Republic of Korea	PCT Application	19 Sep 2007	10-2009-7005356	23 Apr 2015	1516436	IMPROVED NANOWEBS
TK3980-US-CNT	United States Of America	Continuation	01 Jul 2009	12/496242	15 Apr 2014	8697587	IMPROVED NANOWEBS
TK3985-DE-EPT	Germany	Euro-PCT Application	23 Aug 2005	05792702.2	10 Dec 2014	602005045421.7	IMPROVED BREATHABLE LOW-EMISSIVITY METALLIZED SHEETS
TK3985-EP-EPT	European Procedure (Patents)	Euro-PCT Application	23 Aug 2005	05792702.2	10 Dec 2014	1789622	IMPROVED BREATHABLE LOW-EMISSIVITY METALLIZED SHEETS
TK3985-FR-EPT	France	Euro-PCT Application	23 Aug 2005	05792702.2	10 Dec 2014	1789622	IMPROVED BREATHABLE LOW-EMISSIVITY METALLIZED SHEETS
TK3985-GB-EPT	United Kingdom	Euro-PCT Application	23 Aug 2005	05792702.2	10 Dec 2014	1789622	IMPROVED BREATHABLE LOW-EMISSIVITY METALLIZED SHEETS
TK3985-JP-PCT	Japan	PCT Application	23 Aug 2005	530133/07	28 Apr 2011	4731560	IMPROVED BREATHABLE LOW-EMISSIVITY METALLIZED SHEETS
TK3985-US-CIP	United States Of America	Continuation-in-Part	28 Dec 2006	11/647066	26 Mar 2013	8404330	IMPROVED BREATHABLE LOW-EMISSIVITY METALLIZED SHEETS

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
TK3985-US-DIV	United States Of America	National Patent Divisional	25 Oct 2007	11/977640	30 Apr 2013	8431209	IMPROVED BREATHABLE LOW-EMISSIVITY METALLIZED SHEETS
TK4000-CN-PCT	China	PCT Application	03 Nov 2005	2005800382.26.X	26 Dec 2012	200580038226.X	BLOWING GASES IN ELECTROBLOWING PROCESS
TK4000-DE-EPT	Germany	Euro-PCT Application	03 Nov 2005	05817398.0	21 Dec 2011	1834013	BLOWING GASES IN ELECTROBLOWING PROCESS
TK4000-EP-EPT	European Procedure (Patents)	Euro-PCT Application	03 Nov 2005	05817398.0	21 Dec 2011	1834013	BLOWING GASES IN ELECTROBLOWING PROCESS
TK4000-FR-EPT	France	Euro-PCT Application	03 Nov 2005	05817398.0	21 Dec 2011	1834013	BLOWING GASES IN ELECTROBLOWING PROCESS
TK4000-GB-EPT	United Kingdom	Euro-PCT Application	03 Nov 2005	05817398.0	21 Dec 2011	1834013	BLOWING GASES IN ELECTROBLOWING PROCESS
TK4000-JP-PCT	Japan	PCT Application	03 Nov 2005	539368/07	14 Oct 2011	4842957	BLOWING GASES IN ELECTROBLOWING PROCESS
TK4000-KR-PCT	South Korea / Republic of Korea	PCT Application	03 Nov 2005	10-2007-7012558	29 Jan 2013	1229607	BLOWING GASES IN ELECTROBLOWING PROCESS
TK4000-US-NP	United States Of America	National Patent	05 Nov 2004	10/982572	07 Dec 2010	7846374	BLOWING GASES IN ELECTROBLOWING PROCESS
TK4025-CN-PCT	China	PCT Application	17 Aug 2006	2006800298.99.3	22 Dec 2010	200680029899.3	IMPROVED ELECTROBLOWING FIBER SPINNING PROCESS
TK4025-DE-EPT	Germany	Euro-PCT Application	17 Aug 2006	06789834.6	27 Jan 2010	602006012058.3	IMPROVED ELECTROBLOWING FIBER SPINNING PROCESS
TK4025-EP-EPT	European Procedure (Patents)	Euro-PCT Application	17 Aug 2006	06789834.6	27 Jan 2010	1915474	IMPROVED ELECTROBLOWING FIBER SPINNING PROCESS

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
TK4025-FR-EPT	France	Euro-PCT Application	17 Aug 2006	06789834.6	27 Jan 2010	1915474	IMPROVED ELECTROBLOWING FIBER SPINNING PROCESS
TK4025-GB-EPT	United Kingdom	Euro-PCT Application	17 Aug 2006	06789834.6	27 Jan 2010	1915474	IMPROVED ELECTROBLOWING FIBER SPINNING PROCESS
TK4025-JP-PCT	Japan	PCT Application	17 Aug 2006	527152/08	16 Mar 2012	4948538	IMPROVED ELECTROBLOWING FIBER SPINNING PROCESS
TK4025-KR-PCT	South Korea / Republic of Korea	PCT Application	17 Aug 2006	10-2008-7006231	19 Jul 2013	1290019	IMPROVED ELECTROBLOWING FIBER SPINNING PROCESS
TK4025-US-NP	United States Of America	National Patent	17 Aug 2005	11/205457	01 Sep 2009	7582247	IMPROVED ELECTROBLOWING FIBER SPINNING PROCESS
TK4100-CN-PCT	China	PCT Application	29 Sep 2006	200680035362.8	07 Mar 2012	200680035362.8	COALESCING FILTRATION MEDIUM AND PROCESS
TK4100-DE-EPT	Germany	Euro-PCT Application	29 Sep 2006	06825260.0	20 Apr 2011	602006021461.8	COALESCING FILTRATION MEDIUM AND PROCESS
TK4100-EP-EPT	European Procedure (Patents)	Euro-PCT Application	29 Sep 2006	06825260.0	20 Apr 2011	1954373	COALESCING FILTRATION MEDIUM AND PROCESS
TK4100-FR-EPT	France	Euro-PCT Application	29 Sep 2006	06825260.0	20 Apr 2011	1954373	COALESCING FILTRATION MEDIUM AND PROCESS
TK4100-JP-PCT	Japan	PCT Application	29 Sep 2006	533668/08	22 Jul 2011	4785928	COALESCING FILTRATION MEDIUM AND PROCESS
TK4100-KR-PCT	South Korea / Republic of Korea	PCT Application	29 Sep 2006	10-2008-7010271	04 Aug 2014	1428818	COALESCING FILTRATION MEDIUM AND PROCESS
TK4110-DE-EPT	Germany	Euro-PCT Application	28 Dec 2005	05855892.5	01 May 2013	602005039419.2	FILTRATION MEDIA FOR FILTERING PARTICULATE MATERIAL FROM GAS STREAMS

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
TK4110-EP-EPT	European Procedure (Patents)	Euro-PCT Application	28 Dec 2005	05855892.5	01 May 2013	1848582	FILTRATION MEDIA FOR FILTERING PARTICULATE MATERIAL FROM GAS STREAMS
TK4110-FR-EPT	France	Euro-PCT Application	28 Dec 2005	05855892.5	01 May 2013	1848582	FILTRATION MEDIA FOR FILTERING PARTICULATE MATERIAL FROM GAS STREAMS
TK4110-GB-EPT	United Kingdom	Euro-PCT Application	28 Dec 2005	05855892.5	01 May 2013	1848582	FILTRATION MEDIA FOR FILTERING PARTICULATE MATERIAL FROM GAS STREAMS
TK4110-KR-PCT	South Korea / Republic of Korea	PCT Application	28 Dec 2005	10-2007-7017411	27 Sep 2013	1315000	FILTRATION MEDIA FOR FILTERING PARTICULATE MATERIAL FROM GAS STREAMS
TK4125-CN-PCT	China	PCT Application	27 Dec 2005	200580048660.6	03 Aug 2011	200580048660.6	IMPROVED ELECTROBLOWING WEB FORMATION PROCESS
TK4125-DE-EPT	Germany	Euro-PCT Application	27 Dec 2005	05855887.5	14 Dec 2011	1841903	IMPROVED ELECTROBLOWING WEB FORMATION PROCESS
TK4125-EP-EPT	European Procedure (Patents)	Euro-PCT Application	27 Dec 2005	05855887.5	14 Dec 2011	1841903	IMPROVED ELECTROBLOWING WEB FORMATION PROCESS
TK4125-FR-EPT	France	Euro-PCT Application	27 Dec 2005	05855887.5	14 Dec 2011	1841903	IMPROVED ELECTROBLOWING WEB FORMATION PROCESS
TK4125-GB-EPT	United Kingdom	Euro-PCT Application	27 Dec 2005	05855887.5	14 Dec 2011	1841903	IMPROVED ELECTROBLOWING WEB FORMATION PROCESS
TK4125-JP-PCT	Japan	PCT Application	27 Dec 2005	549629/07	05 Oct 2012	5102631	IMPROVED ELECTROBLOWING WEB FORMATION PROCESS
TK4125-KR-PCT	South Korea / Republic of Korea	PCT Application	27 Dec 2005	10-2007-7017268	26 Apr 2013	1260528	IMPROVED ELECTROBLOWING WEB FORMATION PROCESS
TK4125-US-DIV	United States Of America	National Patent Divisional	18 Apr 2008	12/148401	26 Apr 2011	7931456	IMPROVED ELECTROBLOWING WEB FORMATION PROCESS

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
TK4125-US-NP	United States Of America	National Patent	27 Dec 2004	11/023067	19 Aug 2014	8808608	IMPROVED ELECTROBLOWING WEB FORMATION PROCESS
TK4135-CN-PCT	China	PCT Application	29 Sep 2006	2006800351 18.1	30 Nov 2011	20068003 5118.1	FILTRATION MEDIA FOR LIQUID FILTRATION
TK4135-DE-EPT	Germany	Euro-PCT Application	29 Sep 2006	06815812.0	17 Jul 2013	60200603 7412.7	FILTRATION MEDIA FOR LIQUID FILTRATION
TK4135-EP-EPT	European Procedure (Patents)	Euro-PCT Application	29 Sep 2006	06815812.0	17 Jul 2013	1940531	FILTRATION MEDIA FOR LIQUID FILTRATION
TK4135-FR-EPT	France	Euro-PCT Application	29 Sep 2006	06815812.0	17 Jul 2013	1940531	FILTRATION MEDIA FOR LIQUID FILTRATION
TK4135-GB-EPT	United Kingdom	Euro-PCT Application	29 Sep 2006	06815812.0	17 Jul 2013	1940531	FILTRATION MEDIA FOR LIQUID FILTRATION
TK4135-JP-PCT	Japan	PCT Application	29 Sep 2006	533669/08	28 Feb 2014	5483878	FILTRATION MEDIA FOR LIQUID FILTRATION
TK4135-KR-PCT	South Korea / Republic of Korea	PCT Application	29 Sep 2006	10-2008-1070270	25 Apr 2014	1391519	FILTRATION MEDIA FOR LIQUID FILTRATION
TK4135-US-NP	United States Of America	National Patent	30 Sep 2005	11/240517	08 Apr 2014	8689985	FILTRATION MEDIA FOR LIQUID FILTRATION
TK4150-US-NP	United States Of America	National Patent	19 May 2005	11/132869	02 Oct 2012	8276336	ARTICLE AND METHOD FOR CONTROLLING MOISTURE
TK4165-CN-PCT	China	PCT Application	27 Dec 2005	2005800486 58.9	18 May 2011	20058004 8658.9	IMPROVED ELECTROBLOWING WEB FORMATION PROCESS
TK4165-DE-EPT	Germany	Euro-PCT Application	27 Dec 2005	05855886.7	01 Dec 2010	1834020	IMPROVED ELECTROBLOWING WEB FORMATION PROCESS
TK4165-EP-EPT	European Procedure (Patents)	Euro-PCT Application	27 Dec 2005	05855886.7	01 Dec 2010	1834020	IMPROVED ELECTROBLOWING WEB FORMATION PROCESS

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
TK4165-FR-EPT	France	Euro-PCT Application	27 Dec 2005	05855886.7	01 Dec 2010	1834020	IMPROVED ELECTROBLOWING WEB FORMATION PROCESS
TK4165-GB-EPT	United Kingdom	Euro-PCT Application	27 Dec 2005	05855886.7	01 Dec 2010	1834020	IMPROVED ELECTROBLOWING WEB FORMATION PROCESS
TK4165-JP-PCT	Japan	PCT Application	27 Dec 2005	549628/07	22 Feb 2013	5204493	IMPROVED ELECTROBLOWING WEB FORMATION PROCESS
TK4165-KR-PCT	South Korea / Republic of Korea	PCT Application	27 Dec 2005	10-2007-7017269	26 Apr 2013	1260529	IMPROVED ELECTROBLOWING WEB FORMATION PROCESS
TK4165-US-NP	United States Of America	National Patent	27 Dec 2004	11/023068	08 Sep 2009	7585451	IMPROVED ELECTROBLOWING WEB FORMATION PROCESS
TK4170-CN-PCT	China	PCT Application	09 Aug 2006	200680028744.8	22 Oct 2014	200680028744.8	POROUS METALLIZED SHEETS COATED WITH AN INORGANIC LAYER HAVING LOW EMISSIVITY AND HIGH MOISTURE VAPOR PERMEABILITY
TK4170-DE-EPT	Germany	Euro-PCT Application	09 Aug 2006	06789637.3	16 Sep 2015	602006046688.9	POROUS METALLIZED SHEETS COATED WITH AN INORGANIC LAYER HAVING LOW EMISSIVITY AND HIGH MOISTURE VAPOR PERMEABILITY
TK4170-EP-EPT	European Procedure (Patents)	Euro-PCT Application	09 Aug 2006	06789637.3	16 Sep 2015	1913177	POROUS METALLIZED SHEETS COATED WITH AN INORGANIC LAYER HAVING LOW EMISSIVITY AND HIGH MOISTURE VAPOR PERMEABILITY

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
TK4170-FR-EPT	France	Euro-PCT Application	09 Aug 2006	06789637.3	16 Sep 2015	1913177	POROUS METALLIZED SHEETS COATED WITH AN INORGANIC LAYER HAVING LOW EMISSIVITY AND HIGH MOISTURE VAPOR PERMEABILITY
TK4170-GB-EPT	United Kingdom	Euro-PCT Application	09 Aug 2006	06789637.3	16 Sep 2015	1913177	POROUS METALLIZED SHEETS COATED WITH AN INORGANIC LAYER HAVING LOW EMISSIVITY AND HIGH MOISTURE VAPOR PERMEABILITY
TK4170-JP-PCT	Japan	PCT Application	09 Aug 2006	526171/08	20 Apr 2012	4975030	POROUS METALLIZED SHEETS COATED WITH AN INORGANIC LAYER HAVING LOW EMISSIVITY AND HIGH MOISTURE VAPOR PERMEABILITY
TK4170-US-NP	United States Of America	National Patent	11 Aug 2005	11/201787	27 Sep 2011	8025985	POROUS METALLIZED SHEETS COATED WITH AN INORGANIC LAYER HAVING LOW EMISSIVITY AND HIGH MOISTURE VAPOR PERMEABILITY
TK4195-JP-PCT	Japan	PCT Application	16 Feb 2007	556360/08	31 May 2013	5281416	DURABLE METALLIZED SELF-ADHESIVE LAMINATES
TK4205-BR-PCT	Brazil	PCT Application	04 Apr 2007	PI0709473.6	02 May 2018	PI0709473.6	NONWOVEN WEB OF POLYMER-COATED NANOFIBERS
TK4205-CN-PCT	China	PCT Application	04 Apr 2007	200780012301.4	18 Jul 2012	200780012301.4	NONWOVEN WEB OF POLYMER-COATED NANOFIBERS
TK4205-DE-EPT	Germany	Euro-PCT Application	04 Apr 2007	07867055.1	14 Sep 2011	602007017277.2	NONWOVEN WEB OF POLYMER-COATED NANOFIBERS
TK4205-EP-EPT	European Procedure (Patents)	Euro-PCT Application	04 Apr 2007	07867055.1	14 Sep 2011	2015858	NONWOVEN WEB OF POLYMER-COATED NANOFIBERS

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
TK4205-FR-EPT	France	Euro-PCT Application	04 Apr 2007	07867055.1	14 Sep 2011	2015858	NONWOVEN WEB OF POLYMER-COATED NANOFIBERS
TK4205-GB-EPT	United Kingdom	Euro-PCT Application	04 Apr 2007	07867055.1	14 Sep 2011	2015858	NONWOVEN WEB OF POLYMER-COATED NANOFIBERS
TK4205-JP-PCT	Japan	PCT Application	04 Apr 2007	504297/09	04 Apr 2014	5511373	NONWOVEN WEB OF POLYMER-COATED NANOFIBERS
TK4205-KR-PCT	South Korea / Republic of Korea	PCT Application	04 Apr 2007	10-2008-7027098	19 Dec 2014	1476856	NONWOVEN WEB OF POLYMER-COATED NANOFIBERS
TK4280-CN-PCT	China	PCT Application	17 Aug 2006	200680029880.9	12 Oct 2011	200680029880.9	IMPROVED FIBER CHARGING APPARATUS
TK4280-DE-EPT	Germany	Euro-PCT Application	17 Aug 2006	06789833.8	10 Jul 2013	602006037263.9	IMPROVED FIBER CHARGING APPARATUS
TK4280-DE-ETD	Germany	Euro-PCT Application Divisional	14 Jul 2011	11005761.9	03 Jul 2013	602006037184.5	IMPROVED FIBER CHARGING APPARATUS
TK4280-EP-EPT	European Procedure (Patents)	Euro-PCT Application	17 Aug 2006	06789833.8	10 Jul 2013	1941082	IMPROVED FIBER CHARGING APPARATUS
TK4280-EP-ETD	European Procedure (Patents)	Euro-PCT Application Divisional	14 Jul 2011	11005761.9	03 Jul 2013	2390388	IMPROVED FIBER CHARGING APPARATUS
TK4280-FR-EPT	France	Euro-PCT Application	17 Aug 2006	06789833.8	10 Jul 2013	1941082	IMPROVED FIBER CHARGING APPARATUS
TK4280-FR-ETD	France	Euro-PCT Application Divisional	14 Jul 2011	11005761.9	03 Jul 2013	2390388	IMPROVED FIBER CHARGING APPARATUS

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
TK4280-GB-EPT	United Kingdom	Euro-PCT Application	17 Aug 2006	06789833.8	10 Jul 2013	1941082	IMPROVED FIBER CHARGING APPARATUS
TK4280-GB-ETD	United Kingdom	Euro-PCT Application Divisional	14 Jul 2011	11005761.9	03 Jul 2013	2390388	IMPROVED FIBER CHARGING APPARATUS
TK4280-JP-PCT	Japan	PCT Application	17 Aug 2006	527151/08	16 Mar 2012	4948537	IMPROVED FIBER CHARGING APPARATUS
TK4280-KR-PCT	South Korea / Republic of Korea	PCT Application	17 Aug 2006	10-2008-7006227	19 Jul 2013	1289997	IMPROVED FIBER CHARGING APPARATUS
TK4280-US-NP	United States Of America	National Patent	17 Aug 2005	11/205458	16 Dec 2008	7465159	IMPROVED FIBER CHARGING APPARATUS
TK4330-DE-EPT	Germany	Euro-PCT Application	28 Dec 2005	05855890.9	08 Jul 2015	602005046939.7	FILTRATION MEDIA FOR FILTERING PARTICULATE MATERIAL FROM GAS STREAMS
TK4330-EP-EPT	European Procedure (Patents)	Euro-PCT Application	28 Dec 2005	05855890.9	08 Jul 2015	1851046	FILTRATION MEDIA FOR FILTERING PARTICULATE MATERIAL FROM GAS STREAMS
TK4330-FR-EPT	France	Euro-PCT Application	28 Dec 2005	05855890.9	08 Jul 2015	1851046	FILTRATION MEDIA FOR FILTERING PARTICULATE MATERIAL FROM GAS STREAMS
TK4330-GB-EPT	United Kingdom	Euro-PCT Application	28 Dec 2005	05855890.9	08 Jul 2015	1851046	FILTRATION MEDIA FOR FILTERING PARTICULATE MATERIAL FROM GAS STREAMS
TK4330-JP-PCT	Japan	PCT Application	28 Dec 2005	549631/07	25 Nov 2011	4871883	FILTRATION MEDIA FOR FILTERING PARTICULATE MATERIAL FROM GAS STREAMS
TK4330-KR-PCT	South Korea / Republic of Korea	PCT Application	28 Dec 2005	10-2007-7017414	27 Jun 2013	1281864	FILTRATION MEDIA FOR FILTERING PARTICULATE MATERIAL FROM GAS STREAMS

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
TK4330-US-DIV	United States Of America	National Patent Divisional	07 Nov 2011	13/290515	29 May 2012	8187354	FILTRATION MEDIA FOR FILTERING PARTICULATE MATERIAL FROM GAS STREAMS
TK4330-US-NP	United States Of America	National Patent	07 Dec 2005	11/295864	10 Jan 2012	8092566	FILTRATION MEDIA FOR FILTERING PARTICULATE MATERIAL FROM GAS STREAMS
TK4335-CN-PCT	China	PCT Application	29 Sep 2006	200680035157.1	20 Oct 2010	200680035157.1	BATTERIES INCLUDING IMPROVED FINE FIBER SEPARATORS
TK4335-JP-PCT	Japan	PCT Application	29 Sep 2006	533670/08	04 Jul 2014	5572316	BATTERIES INCLUDING IMPROVED FINE FIBER SEPARATORS
TK4335-KR-PCT	South Korea / Republic of Korea	PCT Application	29 Sep 2006	10-2008-7010359	23 Jun 2014	1413349	BATTERIES INCLUDING IMPROVED FINE FIBER SEPARATORS
TK4335-US-NP	United States Of America	National Patent	30 Sep 2005	11/240749	26 Sep 2006	7112389	BATTERIES INCLUDING IMPROVED FINE FIBER SEPARATORS
TK4340-CN-PCT	China	PCT Application	29 Sep 2006	200680035261.0	27 Apr 2011	200680035261.0	ELECTROCHEMICAL DOUBLE LAYER CAPACITORS INCLUDING IMPROVED NANOFIBER SEPARATORS
TK4340-JP-PCT	Japan	PCT Application	29 Sep 2006	533671/08	22 Feb 2013	5203949	ELECTROCHEMICAL DOUBLE LAYER CAPACITORS INCLUDING IMPROVED NANOFIBER SEPARATORS
TK4340-KR-PCT	South Korea / Republic of Korea	PCT Application	29 Sep 2006	10-2008-7010360	07 Mar 2014	1374434	ELECTROCHEMICAL DOUBLE LAYER CAPACITORS INCLUDING IMPROVED NANOFIBER SEPARATORS
TK4340-US-NP	United States Of America	National Patent	30 Sep 2005	11/240738	30 Jan 2007	7170739	ELECTROCHEMICAL DOUBLE LAYER CAPACITORS INCLUDING IMPROVED NANOFIBER SEPARATORS

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
TK4345-DE-EPT	Germany	Euro-PCT Application	11 Jun 2008	08768340.5	30 May 2012	602008016043.2	BATTERIES WITH PERMANENTLY WET-ABLE FINE FIBER SEPARATORS
TK4345-EP-EPT	European Procedure (Patents)	Euro-PCT Application	11 Jun 2008	08768340.5	30 May 2012	2160778	BATTERIES WITH PERMANENTLY WET-ABLE FINE FIBER SEPARATORS
TK4345-FR-EPT	France	Euro-PCT Application	11 Jun 2008	08768340.5	30 May 2012	2160778	BATTERIES WITH PERMANENTLY WET-ABLE FINE FIBER SEPARATORS
TK4345-GB-EPT	United Kingdom	Euro-PCT Application	11 Jun 2008	08768340.5	30 May 2012	2160778	BATTERIES WITH PERMANENTLY WET-ABLE FINE FIBER SEPARATORS
TK4445-CN-PCT	China	PCT Application	22 Mar 2007	200780009712.8	18 May 2011	200780009712.8	SOLUTION SPUN FIBER PROCESS
TK4445-DE-EPT	Germany	Euro-PCT Application	22 Mar 2007	07753736.3	29 Dec 2010	1999304	SOLUTION SPUN FIBER PROCESS
TK4445-EP-EPT	European Procedure (Patents)	Euro-PCT Application	22 Mar 2007	07753736.3	29 Dec 2010	1999304	SOLUTION SPUN FIBER PROCESS
TK4445-FR-EPT	France	Euro-PCT Application	22 Mar 2007	07753736.3	29 Dec 2010	1999304	SOLUTION SPUN FIBER PROCESS
TK4445-GB-EPT	United Kingdom	Euro-PCT Application	22 Mar 2007	07753736.3	29 Dec 2010	1999304	SOLUTION SPUN FIBER PROCESS
TK4445-JP-PCT	Japan	PCT Application	22 Mar 2007	502870/09	28 Sep 2012	5096455	SOLUTION SPUN FIBER PROCESS
TK4445-KR-PCT	South Korea / Republic of Korea	PCT Application	22 Mar 2007	10-2008-7026204	30 Jun 2014	1417142	SOLUTION SPUN FIBER PROCESS
TK4445-US-DIV[1]	United States Of America	National Patent Divisional	16 Oct 2009	12/580513	10 Jun 2014	8747723	SOLUTION SPUN FIBER PROCESS

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
TK4445-US-NP	United States Of America	National Patent	07 Nov 2006	11/593959	06 Nov 2012	8303874	SOLUTION SPUN FIBER PROCESS
TK4485-CN-PCT	China	PCT Application	01 Nov 2007	200780040698.8	07 Nov 2012	200780040698.8	FUEL FILTER
TK4485-JP-PCD	Japan	PCT Application Divisional	09 Mar 2012	052515/12	08 Aug 2014	5593344	FUEL FILTER
TK4485-KR-PCT	South Korea / Republic of Korea	PCT Application	01 Nov 2007	10-2009-7011244	25 Jul 2014	1425693	FUEL FILTER
TK4530-CN-NP	China	National Patent	21 Nov 2006	200610149576.X	25 May 2011	200610149576.X	Improved External Insulation Finish System (Neo-EIFS)
TK4550-CN-PCT	China	PCT Application	17 Dec 2007	200780046998.7	30 May 2012	200780046998.7	INFRARED SOLVENT STRIPPING PROCESS
TK4550-DE-EPT	Germany	Euro-PCT Application	17 Dec 2007	07853411.2	03 Feb 2011	602007012933.8	INFRARED SOLVENT STRIPPING PROCESS
TK4550-EP-EPT	European Procedure (Patents)	Euro-PCT Application	17 Dec 2007	07853411.2	03 Feb 2011	2095049	INFRARED SOLVENT STRIPPING PROCESS
TK4550-FR-EPT	France	Euro-PCT Application	17 Dec 2007	07853411.2	03 Feb 2011	2095049	INFRARED SOLVENT STRIPPING PROCESS
TK4550-GB-EPT	United Kingdom	Euro-PCT Application	17 Dec 2007	07853411.2	03 Feb 2011	2095049	INFRARED SOLVENT STRIPPING PROCESS
TK4550-JP-PCT	Japan	PCT Application	17 Dec 2007	542832/09	20 Mar 2014	5500991	INFRARED SOLVENT STRIPPING PROCESS
TK4550-US-NP	United States Of America	National Patent	18 Dec 2006	11/640625	22 Sep 2009	7592415	INFRARED SOLVENT STRIPPING PROCESS

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
TK4555-CN-PCT	China	PCT Application	18 Dec 2007	200780046766.1	06 Jul 2011	200780046766.1	PROCESS FOR ELECTROBLOWING A MULTIPLE LAYERED SHEET
TK4555-DE-EPT	Germany	Euro-PCT Application	18 Dec 2007	07863035.7	20 Oct 2010	602007010031.3	PROCESS FOR ELECTROBLOWING A MULTIPLE LAYERED SHEET
TK4555-EP-EPT	European Procedure (Patents)	Euro-PCT Application	18 Dec 2007	07863035.7	20 Oct 2010	2094886	PROCESS FOR ELECTROBLOWING A MULTIPLE LAYERED SHEET
TK4555-FR-EPT	France	Euro-PCT Application	18 Dec 2007	07863035.7	20 Oct 2010	2094886	PROCESS FOR ELECTROBLOWING A MULTIPLE LAYERED SHEET
TK4555-GB-EPT	United Kingdom	Euro-PCT Application	18 Dec 2007	07863035.7	20 Oct 2010	2094886	PROCESS FOR ELECTROBLOWING A MULTIPLE LAYERED SHEET
TK4555-IN-PCT	India	PCT Application	18 Dec 2007	3342/DELNP/2009	03 Nov 2017	289189	PROCESS FOR ELECTROBLOWING A MULTIPLE LAYERED SHEET
TK4555-JP-PCT	Japan	PCT Application	18 Dec 2007	542861/09	04 Oct 2013	5377325	PROCESS FOR ELECTROBLOWING A MULTIPLE LAYERED SHEET
TK4555-KR-PCT	South Korea / Republic of Korea	PCT Application	18 Dec 2007	10-2009-7014991	26 Nov 2014	1468242	PROCESS FOR ELECTROBLOWING A MULTIPLE LAYERED SHEET

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
TK4555-US-NP	United States Of America	National Patent	14 Dec 2007	12/002175	29 Jan 2013	8361365	PROCESS FOR ELECTROBLOWING A MULTIPLE LAYERED SHEET
TK4570-CN-PCD	China	PCT Application Divisional	27 Aug 2015	2015105358 18.8			DURABLE NANOWEB SCRIM LAMINATES
TK4570-CN-PCT	China	PCT Application	27 Nov 2007	2007800436 48			DURABLE NANOWEB SCRIM LAMINATES
TK4570-JP-PCT	Japan	PCT Application	27 Nov 2007	538421/09	20 Feb 2015	5696919	DURABLE NANOWEB SCRIM LAMINATES
TK4570-KR-PCT	South Korea / Republic of Korea	PCT Application	27 Nov 2007	10-2009-7011245	28 Nov 2014	1468938	DURABLE NANOWEB SCRIM LAMINATES
TK4570-US-NP	United States Of America	National Patent	26 Nov 2007	11/986926	29 Jan 2013	8361180	DURABLE NANOWEB SCRIM LAMINATES
TK4600-CN-DIV	China	National Patent Divisional	05 Dec 2011	2011104029 96.5	12 Apr 2017	20111040 2996.5	PRODUCTION OF NANOFIBERS BY MELT SPINNING
TK4600-CN-PCT	China	PCT Application	27 Mar 2008	2008800173 84.0	10 Oct 2012	20088001 7384.0	PRODUCTION OF NANOFIBERS BY MELT SPINNING
TK4600-DE-EPT	Germany	Euro-PCT Application	27 Mar 2008	08727205.0	21 Dec 2016	60200804 7985.4	PRODUCTION OF NANOFIBERS BY MELT SPINNING
TK4600-EP-EPT	European Procedure (Patents)	Euro-PCT Application	27 Mar 2008	08727205.0	21 Dec 2016	2129816	PRODUCTION OF NANOFIBERS BY MELT SPINNING
TK4600-EP-ETD	European Procedure (Patents)	Euro-PCT Application Divisional	20 Aug 2012	12181094.9			PRODUCTION OF NANOFIBERS BY MELT SPINNING
TK4600-FR-EPT	France	Euro-PCT Application	27 Mar 2008	08727205.0	21 Dec 2016	2129816	PRODUCTION OF NANOFIBERS BY MELT SPINNING

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
TK4600-KR-PCT	South Korea / Republic of Korea	PCT Application	27 Mar 2008	10-2009-7022684	04 May 2015	1519169	PRODUCTION OF NANOFIBERS BY MELT SPINNING
TK4600-US-NP	United States Of America	National Patent	18 Mar 2008	12/077355	02 Oct 2012	8277711	PRODUCTION OF NANOFIBERS BY MELT SPINNING
TK4605-CN-PCT	China	PCT Application	06 Mar 2008	200880007150.8	17 Oct 2012	200880007150.8	IMPROVED LIQUID FILTRATION MEDIA
TK4605-KR-PCT	South Korea / Republic of Korea	PCT Application	06 Mar 2008	10-2009-7020738	27 Feb 2015	10-1499270	IMPROVED LIQUID FILTRATION MEDIA
TK4605-US-CIP	United States Of America	Continuation-in-Part	18 Sep 2008	12/284027	09 Aug 2011	7993523	IMPROVED LIQUID FILTRATION MEDIA
TK4605-US-CIP[1]	United States Of America	Continuation-in-Part	05 Nov 2010	12/940312	10 Nov 2015	9180393	IMPROVED LIQUID FILTRATION MEDIA
TK4605-US-NP	United States Of America	National Patent	29 Feb 2008	12/074164	18 Oct 2011	8038013	IMPROVED LIQUID FILTRATION MEDIA
TK4610-CN-PCT	China	PCT Application	07 Mar 2008	200880006968.8	17 Oct 2012	200880006968.8	LIQUID WATER RESISTANT AND WATER VAPOR PERMEABLE GARMENTS
TK4610-CN-PCT[1]	China	PCT Application	13 Nov 2008	200880127905.8	27 Aug 2014	200880127905.8	LIQUID WATER RESISTANT AND WATER VAPOR PERMEABLE GARMENTS
TK4610-DE-EPT	Germany	Euro-PCT Application	07 Mar 2008	08726586.4	30 Oct 2013	602008028424.7	LIQUID WATER RESISTANT AND WATER VAPOR PERMEABLE GARMENTS
TK4610-DE-EPT[1]	Germany	Euro-PCT Application	13 Nov 2008	08869421.1	01 Jun 2016	602008041957.6	LIQUID WATER RESISTANT AND WATER VAPOR PERMEABLE GARMENTS
TK4610-EP-EPT	European Procedure (Patents)	Euro-PCT Application	07 Mar 2008	08726586.4	30 Oct 2013	2131689	LIQUID WATER RESISTANT AND WATER VAPOR PERMEABLE GARMENTS

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
TK4610-EP-EPT[1]	European Procedure (Patents)	Euro-PCT Application	13 Nov 2008	08869421.1	06 Jan 2016	2231391	LIQUID WATER RESISTANT AND WATER VAPOR PERMEABLE GARMENTS
TK4610-FR-EPT	France	Euro-PCT Application	07 Mar 2008	08726586.4	30 Oct 2013	2131689	LIQUID WATER RESISTANT AND WATER VAPOR PERMEABLE GARMENTS
TK4610-FR-EPT[1]	France	Euro-PCT Application	13 Nov 2008	08869421.1	06 Jan 2016	2231391	LIQUID WATER RESISTANT AND WATER VAPOR PERMEABLE GARMENTS
TK4610-GB-EPT	United Kingdom	Euro-PCT Application	07 Mar 2008	08726586.4	30 Oct 2013	2131689	LIQUID WATER RESISTANT AND WATER VAPOR PERMEABLE GARMENTS
TK4610-GB-EPT[1]	United Kingdom	Euro-PCT Application	13 Nov 2008	08869421.1	06 Jan 2016	2231391	LIQUID WATER RESISTANT AND WATER VAPOR PERMEABLE GARMENTS
TK4610-JP-PCT	Japan	PCT Application	07 Mar 2008	552752/09	15 Mar 2013	5220037	LIQUID WATER RESISTANT AND WATER VAPOR PERMEABLE GARMENTS
TK4610-KR-PCT	South Korea / Republic of Korea	PCT Application	07 Mar 2008	10-2009-7020912	16 Feb 2015	10-1495541	LIQUID WATER RESISTANT AND WATER VAPOR PERMEABLE GARMENTS
TK4615-CN-PCT	China	PCT Application	11 Mar 2008	200880116005.3	19 Jun 2013	200880116005.3	BREATHABLE GARMENT HAVING A FLUID DRAINAGE LAYER
TK4615-DE-EPT	Germany	Euro-PCT Application	11 Mar 2008	08726706.8	14 Sep 2011	2207440	BREATHABLE GARMENT HAVING A FLUID DRAINAGE LAYER
TK4615-EP-EPT	European Procedure (Patents)	Euro-PCT Application	11 Mar 2008	08726706.8	14 Sep 2011	2207440	BREATHABLE GARMENT HAVING A FLUID DRAINAGE LAYER
TK4615-FR-EPT	France	Euro-PCT Application	11 Mar 2008	08726706.8	14 Sep 2011	2207440	BREATHABLE GARMENT HAVING A FLUID DRAINAGE LAYER

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
TK4615-GB-EPT	United Kingdom	Euro-PCT Application	11 Mar 2008	08726706.8	14 Sep 2011	2207440	BREATHABLE GARMENT HAVING A FLUID DRAINAGE LAYER
TK4615-JP-PCT	Japan	PCT Application	11 Mar 2008	534007/10	09 Aug 2013	5336504	BREATHABLE GARMENT HAVING A FLUID DRAINAGE LAYER
TK4615-KR-PCT	South Korea / Republic of Korea	PCT Application	11 Mar 2008	10-2010-7012733	05 Nov 2014	1460838	BREATHABLE GARMENT HAVING A FLUID DRAINAGE LAYER
TK4615-US-NP	United States Of America	National Patent	11 Mar 2008	12/075388	14 Aug 2012	8241729	BREATHABLE GARMENT HAVING A FLUID DRAINAGE LAYER
TK4620-US-NP	United States Of America	National Patent	31 Oct 2008	12/262778	27 Sep 2011	8025124	BROADBAND PASSIVE DISTRIBUTED TUNED VIBRATION AND ACOUSTIC ABSORBER FOR MODALLY DENSE STRUCTURES
TK4630-CN-PCT[1]	China	PCT Application	13 Nov 2008	200880116003.4	28 May 2014	200880116003.4	BREATHABLE WATERPROOF GARMENT
TK4630-DE-EPT[1]	Germany	Euro-PCT Application	13 Nov 2008	08850389.1	28 Jun 2017	602008050900.1	BREATHABLE WATERPROOF GARMENT
TK4630-EP-EPT	European Procedure (Patents)	Euro-PCT Application	06 Mar 2008	08742026.1			BREATHABLE WATERPROOF GARMENT
TK4630-EP-EPT[1]	European Procedure (Patents)	Euro-PCT Application	13 Nov 2008	08850389.1	28 Jun 2017	2212106	BREATHABLE WATERPROOF GARMENT
TK4630-FR-EPT[1]	France	Euro-PCT Application	13 Nov 2008	08850389.1	28 Jun 2017	2212106	BREATHABLE WATERPROOF GARMENT
TK4630-GB-EPT[1]	United Kingdom	Euro-PCT Application	13 Nov 2008	08850389.1	28 Jun 2017	2212106	BREATHABLE WATERPROOF GARMENT
TK4630-JP-PCT	Japan	PCT Application	06 Mar 2008	552725/09	18 Apr 2014	5523113	BREATHABLE WATERPROOF GARMENT

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
TK4630-JP-PCT[1]	Japan	PCT Application	13 Nov 2008	534155/10	13 Mar 2015	5710979	BREATHABLE WATERPROOF GARMENT
TK4630-KR-PCT	South Korea / Republic of Korea	PCT Application	06 Mar 2008	10-2010-7019850	04 Nov 2014	1460383	BREATHABLE WATERPROOF GARMENT
TK4630-US-NP	United States Of America	National Patent	29 Feb 2008	12/074166	01 Jul 2014	8765255	BREATHABLE WATERPROOF GARMENT
TK4635-CN-PCT	China	PCT Application	07 Nov 2008	200880114930.2	24 Jul 2013	200880114930.2	SOLVENT STRIPPING PROCESS UTILIZING AN ANTIOXIDANT
TK4635-DE-EPT	Germany	Euro-PCT Application	07 Nov 2008	08846556.2	01 Mar 2017	602008048994.9	SOLVENT STRIPPING PROCESS UTILIZING AN ANTIOXIDANT
TK4635-EP-EPT	European Procedure (Patents)	Euro-PCT Application	07 Nov 2008	08846556.2	01 Mar 2017	2207916	SOLVENT STRIPPING PROCESS UTILIZING AN ANTIOXIDANT
TK4635-FR-EPT	France	Euro-PCT Application	07 Nov 2008	08846556.2	01 Mar 2017	2207916	SOLVENT STRIPPING PROCESS UTILIZING AN ANTIOXIDANT
TK4635-JP-PCT	Japan	PCT Application	07 Nov 2008	533269/10	14 Feb 2014	5476311	SOLVENT STRIPPING PROCESS UTILIZING AN ANTIOXIDANT
TK4660-CN-PCD	China	PCT Application Divisional	16 May 2014	201410208450.X	24 Oct 2017	201410208450.X	IMPROVED ALUMINUM ELECTROLYTIC CAPACITORS UTILIZING FINE FIBER SPACERS
TK4660-CN-PCT	China	PCT Application	27 Aug 2008	200880104829.9			IMPROVED ALUMINUM ELECTROLYTIC CAPACITORS UTILIZING FINE FIBER SPACERS
TK4660-DE-EPT	Germany	Euro-PCT Application	27 Aug 2008	08845320.4	25 May 2016	602008044457.0	IMPROVED ALUMINUM ELECTROLYTIC CAPACITORS UTILIZING FINE FIBER SPACERS
TK4660-EP-EPT	European Procedure (Patents)	Euro-PCT Application	27 Aug 2008	08845320.4	25 May 2016	2181453	IMPROVED ALUMINUM ELECTROLYTIC CAPACITORS UTILIZING FINE FIBER SPACERS

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
TK4660-FR-EPT	France	Euro-PCT Application	27 Aug 2008	08845320.4	25 May 2016	2181453	IMPROVED ALUMINUM ELECTROLYTIC CAPACITORS UTILIZING FINE FIBER SPACERS
TK4660-JP-PCT	Japan	PCT Application	27 Aug 2008	523105/10	29 Aug 2014	5602628	IMPROVED ALUMINUM ELECTROLYTIC CAPACITORS UTILIZING FINE FIBER SPACERS
TK4660-KR-PCT	South Korea / Republic of Korea	PCT Application	27 Aug 2008	10-2010-7006607	27 Oct 2015	10-1565178	IMPROVED ALUMINUM ELECTROLYTIC CAPACITORS UTILIZING FINE FIBER SPACERS
TK4660-US-NP	United States Of America	National Patent	28 Aug 2007	11/895912	20 Jul 2010	7760486	IMPROVED ALUMINUM ELECTROLYTIC CAPACITORS UTILIZING FINE FIBER SPACERS
TK4720-CN-PCT	China	PCT Application	06 Jun 2008	200880018620.0	02 Jan 2013	200880018620.0	PROCESS FOR FORMING A LAMINATE OF A NANOWEB AND A SUBSTRATE AND FILTERS UTILIZING THE LAMINATE
TK4720-DE-EPT	Germany	Euro-PCT Application	06 Jun 2008	08794342.9	09 Jan 2013	602008021580.6	PROCESS FOR FORMING A LAMINATE OF A NANOWEB AND A SUBSTRATE AND FILTERS UTILIZING THE LAMINATE
TK4720-EP-EPT	European Procedure (Patents)	Euro-PCT Application	06 Jun 2008	08794342.9	09 Jan 2013	2152507	PROCESS FOR FORMING A LAMINATE OF A NANOWEB AND A SUBSTRATE AND FILTERS UTILIZING THE LAMINATE
TK4720-FR-EPT	France	Euro-PCT Application	06 Jun 2008	08794342.9	09 Jan 2013	2152507	PROCESS FOR FORMING A LAMINATE OF A NANOWEB AND A SUBSTRATE AND FILTERS UTILIZING THE LAMINATE

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
TK4720-GB-EPT	United Kingdom	Euro-PCT Application	06 Jun 2008	08794342.9	09 Jan 2013	2152507	PROCESS FOR FORMING A LAMINATE OF A NANOWEB AND A SUBSTRATE AND FILTERS UTILIZING THE LAMINATE
TK4720-IN-PCT	India	PCT Application	06 Jun 2008	7309/DELN P/2009			PROCESS FOR FORMING A LAMINATE OF A NANOWEB AND A SUBSTRATE AND FILTERS UTILIZING THE LAMINATE
TK4720-JP-PCT	Japan	PCT Application	06 Jun 2008	511204/10	23 May 2014	5547062	PROCESS FOR FORMING A LAMINATE OF A NANOWEB AND A SUBSTRATE AND FILTERS UTILIZING THE LAMINATE
TK4720-US-NP	United States Of America	National Patent	07 Jun 2007	11/811249	25 Mar 2014	8679216	PROCESS FOR FORMING A LAMINATE OF A NANOWEB AND A SUBSTRATE AND FILTERS UTILIZING THE LAMINATE
TK4760-CN-PCT	China	PCT Application	11 Jul 2008	200880023899.1	13 Nov 2013	200880023899.1	INFRARED SOLVENT STRIPPING PROCESS
TK4760-DE-EPT	Germany	Euro-PCT Application	11 Jul 2008	08781650.0	19 Mar 2014	602008030988.6	INFRARED SOLVENT STRIPPING PROCESS
TK4760-EP-EPT	European Procedure (Patents)	Euro-PCT Application	11 Jul 2008	08781650.0	19 Mar 2014	2174084	INFRARED SOLVENT STRIPPING PROCESS
TK4760-FR-EPT	France	Euro-PCT Application	11 Jul 2008	08781650.0	19 Mar 2014	2174084	INFRARED SOLVENT STRIPPING PROCESS
TK4760-GB-EPT	United Kingdom	Euro-PCT Application	11 Jul 2008	08781650.0	19 Mar 2014	2174084	INFRARED SOLVENT STRIPPING PROCESS
TK4760-US-NP	United States Of America	National Patent	09 Jul 2008	12/217913	17 Dec 2013	8608998	INFRARED SOLVENT STRIPPING PROCESS

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
TK4770-CN-PCT	China	PCT Application	08 Sep 2008	200880105307.0	17 Jul 2013	200880105307.0	IMPROVED PLEATED NANOWEB STRUCTURES
TK4770-JP-PCT	Japan	PCT Application	08 Sep 2008	524222/10	09 May 2014	5539877	IMPROVED PLEATED NANOWEB STRUCTURES
TK4770-KR-PCT	South Korea / Republic of Korea	PCT Application	08 Sep 2008	10-2010-7007434	04 Aug 2015	10-1543481	IMPROVED PLEATED NANOWEB STRUCTURES
TK4770-US-NP	United States Of America	National Patent	07 Sep 2007	11/899803	25 Mar 2014	8679217	IMPROVED PLEATED NANOWEB STRUCTURES
TK4840-CN-PCT	China	PCT Application	07 Nov 2008	200880115122.8	03 Oct 2012	200880115122.8	CONTAMINATION CONTROL GARMENTS
TK4840-DE-EPT	Germany	Euro-PCT Application	07 Nov 2008	08848323.5	21 Dec 2011	2205109	CONTAMINATION CONTROL GARMENTS
TK4840-EP-EPT	European Procedure (Patents)	Euro-PCT Application	07 Nov 2008	08848323.5	21 Dec 2011	2205109	CONTAMINATION CONTROL GARMENTS
TK4840-FR-EPT	France	Euro-PCT Application	07 Nov 2008	08848323.5	21 Dec 2011	2205109	CONTAMINATION CONTROL GARMENTS
TK4840-GB-EPT	United Kingdom	Euro-PCT Application	07 Nov 2008	08848323.5	21 Dec 2011	2205109	CONTAMINATION CONTROL GARMENTS
TK4840-JP-PCT	Japan	PCT Application	07 Nov 2008	533272/10	19 Sep 2014	5615713	CONTAMINATION CONTROL GARMENTS
TK4840-KR-PCT	South Korea / Republic of Korea	PCT Application	07 Nov 2008	10-2010-7012585	22 Sep 2016	10-1660990	CONTAMINATION CONTROL GARMENTS
TK4840-US-NP	United States Of America	National Patent	07 Nov 2008	12/266803	27 Nov 2012	8318617	CONTAMINATION CONTROL GARMENTS
TK4860-BR-PCT	Brazil	PCT Application	04 Mar 2009	PI0906097.9			IMPROVED REFLECTION-TYPE PROJECTION SCREEN

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
TK4860-CN-PCT	China	PCT Application	04 Mar 2009	200980107722.4	25 Apr 2012	200980107722.4	IMPROVED REFLECTION-TYPE PROJECTION SCREEN
TK4860-DE-EPT	Germany	Euro-PCT Application	04 Mar 2009	09717588.9	17 Oct 2018	2250532	IMPROVED REFLECTION-TYPE PROJECTION SCREEN
TK4860-EP-EPT	European Procedure (Patents)	Euro-PCT Application	04 Mar 2009	09717588.9	17 Oct 2018	2250532	IMPROVED REFLECTION-TYPE PROJECTION SCREEN
TK4860-FR-EPT	France	Euro-PCT Application	04 Mar 2009	09717588.9	17 Oct 2018	2250532	IMPROVED REFLECTION-TYPE PROJECTION SCREEN
TK4860-GB-EPT	United Kingdom	Euro-PCT Application	04 Mar 2009	09717588.9	17 Oct 2018	2250532	IMPROVED REFLECTION-TYPE PROJECTION SCREEN
TK4860-JP-PCT	Japan	PCT Application	04 Mar 2009	549846/10	21 Dec 2012	5161982	IMPROVED REFLECTION-TYPE PROJECTION SCREEN
TK4860-KR-PCT	South Korea / Republic of Korea	PCT Application	04 Mar 2009	10-2010-7022005	18 May 2016	10-1623995	IMPROVED REFLECTION-TYPE PROJECTION SCREEN
TK4860-US-NP	United States Of America	National Patent	04 Mar 2009	12/397639	06 Sep 2011	8014066	IMPROVED REFLECTION-TYPE PROJECTION SCREEN
TK4865-CN-PCT	China	PCT Application	11 Nov 2008	200880116218.6	19 Nov 2014	200880116218.6	STAIN MASKING MATERIAL AND ARTICLES MADE THEREFROM
TK4865-DE-EPT	Germany	Euro-PCT Application	11 Nov 2008	08849271.5	17 Aug 2016	602008045779.6	STAIN MASKING MATERIAL AND ARTICLES MADE THEREFROM
TK4865-EP-EPT	European Procedure (Patents)	Euro-PCT Application	11 Nov 2008	08849271.5	17 Aug 2016	2209941	STAIN MASKING MATERIAL AND ARTICLES MADE THEREFROM

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
TK4865-FR-EPT	France	Euro-PCT Application	11 Nov 2008	08849271.5	17 Aug 2016	2209941	STAIN MASKING MATERIAL AND ARTICLES MADE THEREFROM
TK4865-JP-PCT	Japan	PCT Application	11 Nov 2008	534120/10	13 Feb 2015	5694775	STAIN MASKING MATERIAL AND ARTICLES MADE THEREFROM
TK4895-CN-PCT	China	PCT Application	07 Apr 2009	2009801118 58.2	27 Aug 2014	20098011 1858.2	AIR FILTRATION MEDIUM WITH IMPROVED DUST LOADING CAPACITY AND IMPROVED RESISTANCE TO HIGH HUMIDITY ENVIRONMENT
TK4895-DE-EPT	Germany	Euro-PCT Application	07 Apr 2009	09729386.4	31 Oct 2018	2259860	AIR FILTRATION MEDIUM WITH IMPROVED DUST LOADING CAPACITY AND IMPROVED RESISTANCE TO HIGH HUMIDITY ENVIRONMENT
TK4895-EP-EPT	European Procedure (Patents)	Euro-PCT Application	07 Apr 2009	09729386.4	31 Oct 2018	2259860	AIR FILTRATION MEDIUM WITH IMPROVED DUST LOADING CAPACITY AND IMPROVED RESISTANCE TO HIGH HUMIDITY ENVIRONMENT
TK4895-FR-EPT	France	Euro-PCT Application	07 Apr 2009	09729386.4	31 Oct 2018	2259860	AIR FILTRATION MEDIUM WITH IMPROVED DUST LOADING CAPACITY AND IMPROVED RESISTANCE TO HIGH HUMIDITY ENVIRONMENT

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
TK4895-GB-EPT	United Kingdom	Euro-PCT Application	07 Apr 2009	09729386.4	31 Oct 2018	2259860	AIR FILTRATION MEDIUM WITH IMPROVED DUST LOADING CAPACITY AND IMPROVED RESISTANCE TO HIGH HUMIDITY ENVIRONMENT
TK4895-JP-PCT	Japan	PCT Application	07 Apr 2009	504120/11	26 Sep 2014	5619723	AIR FILTRATION MEDIUM WITH IMPROVED DUST LOADING CAPACITY AND IMPROVED RESISTANCE TO HIGH HUMIDITY ENVIRONMENT
TK4895-KR-PCT	South Korea / Republic of Korea	PCT Application	07 Apr 2009	10-2010-7024866	20 Jan 2017	10-1700455	AIR FILTRATION MEDIUM WITH IMPROVED DUST LOADING CAPACITY AND IMPROVED RESISTANCE TO HIGH HUMIDITY ENVIRONMENT
TK4895-US-NP	United States Of America	National Patent	06 Apr 2009	12/418928	09 Oct 2012	8282712	AIR FILTRATION MEDIUM WITH IMPROVED DUST LOADING CAPACITY AND IMPROVED RESISTANCE TO HIGH HUMIDITY ENVIRONMENT
TK4905-CN-PCT	China	PCT Application	24 Nov 2009	200980147237.X	25 Nov 2015	200980147237.X	NON-WOVEN POLYMERIC WEBS
TK4905-DE-EPT	Germany	Euro-PCT Application	24 Nov 2009	09764407.4	19 Jun 2013	602009016558.5	NON-WOVEN POLYMERIC WEBS
TK4905-EP-EPT	European Procedure (Patents)	Euro-PCT Application	24 Nov 2009	09764407.4	19 Jun 2013	2358458	NON-WOVEN POLYMERIC WEBS

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
TK4905-FR-EPT	France	Euro-PCT Application	24 Nov 2009	09764407.4	19 Jun 2013	2358458	NON-WOVEN POLYMERIC WEBS
TK4905-GB-EPT	United Kingdom	Euro-PCT Application	24 Nov 2009	09764407.4	19 Jun 2013	2358458	NON-WOVEN POLYMERIC WEBS
TK4905-KR-PCT	South Korea / Republic of Korea	PCT Application	24 Nov 2009	10-2011-7014609	20 Apr 2017	10-1730663	NON-WOVEN POLYMERIC WEBS
TK4950-DE-EPT	Germany	Euro-PCT Application	08 Sep 2009	09792294.2	19 Dec 2018	602009056311.4	HIGH THROUGHPUT ELECTROBLOWING PROCESS
TK4950-EP-EPT	European Procedure (Patents)	Euro-PCT Application	08 Sep 2009	09792294.2	19 Dec 2018	2321451	HIGH THROUGHPUT ELECTROBLOWING PROCESS
TK4950-EP-ETD	European Procedure (Patents)	Euro-PCT Application Divisional	16 Nov 2018	18206666.2			HIGH THROUGHPUT ELECTROBLOWING PROCESS
TK4950-FR-EPT	France	Euro-PCT Application	08 Sep 2009	09792294.2	19 Dec 2018	2321451	HIGH THROUGHPUT ELECTROBLOWING PROCESS
TK4950-GB-EPT	United Kingdom	Euro-PCT Application	08 Sep 2009	09792294.2	19 Dec 2018	2321451	HIGH THROUGHPUT ELECTROBLOWING PROCESS
TK4950-JP-PCT	Japan	PCT Application	08 Sep 2009	526256/11	21 Feb 2014	5480903	HIGH THROUGHPUT ELECTROBLOWING PROCESS
TK4955-CN-PCT	China	PCT Application	08 Sep 2009	200980134778.9	04 May 2014	200980134778.9	FIBER SPINNING PROCESS USING A WEAKLY INTERACTING POLYMER
TK4955-DE-EPT	Germany	Euro-PCT Application	08 Sep 2009	09792303.1	27 Mar 2013	602009014500.2	FIBER SPINNING PROCESS USING A WEAKLY INTERACTING POLYMER

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
TK4955-EP-EPT	European Procedure (Patents)	Euro-PCT Application	08 Sep 2009	09792303.1	27 Mar 2013	2318576	FIBER SPINNING PROCESS USING A WEAKLY INTERACTING POLYMER
TK4955-FR-EPT	France	Euro-PCT Application	08 Sep 2009	09792303.1	27 Mar 2013	2318576	FIBER SPINNING PROCESS USING A WEAKLY INTERACTING POLYMER
TK4955-GB-EPT	United Kingdom	Euro-PCT Application	08 Sep 2009	09792303.1	27 Mar 2013	2318576	FIBER SPINNING PROCESS USING A WEAKLY INTERACTING POLYMER
TK4955-JP-PCT	Japan	PCT Application	08 Sep 2009	526261/11	21 Feb 2014	5480904	FIBER SPINNING PROCESS USING A WEAKLY INTERACTING POLYMER
TK4955-KR-PCT	South Korea / Republic of Korea	PCT Application	08 Sep 2009	10-2011-7007757	30 Dec 2016	10-1693390	FIBER SPINNING PROCESS USING A WEAKLY INTERACTING POLYMER
TK4955-US-NP	United States Of America	National Patent	03 Sep 2009	12/553578	03 Jul 2012	8211353	FIBER SPINNING PROCESS USING A WEAKLY INTERACTING POLYMER
TK4970-DE-EPT	Germany	Euro-PCT Application	03 Aug 2009	09791095.4	19 Sep 2018	602009054643.0	COMPOSITE MEDIA FILTER
TK4970-EP-EPT	European Procedure (Patents)	Euro-PCT Application	03 Aug 2009	09791095.4	19 Sep 2018	2303426	COMPOSITE MEDIA FILTER
TK4970-FR-EPT	France	Euro-PCT Application	03 Aug 2009	09791095.4	19 Sep 2018	2303426	COMPOSITE MEDIA FILTER
TK4970-GB-EPT	United Kingdom	Euro-PCT Application	03 Aug 2009	09791095.4	19 Sep 2018	2303426	COMPOSITE MEDIA FILTER

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
TK4970-JP-PCT	Japan	PCT Application	03 Aug 2009	521375/11	01 Nov 2013	5400884	COMPOSITE MEDIA FILTER
TK4970-US-NP	United States Of America	National Patent	01 Aug 2008	12/184782	20 Aug 2013	8512432	COMPOSITE MEDIA FILTER
TK4975-CN-PCT	China	PCT Application	03 Aug 2009	2009801298 11.9	28 May 2014	20098012 9811.9	METHOD OF MANUFACTURING A COMPOSITE MEDIA FILTER
TK4975-DE-EPT	Germany	Euro-PCT Application	03 Aug 2009	09791100.2	28 Feb 2018	60200905 1011.8	METHOD OF MANUFACTURING A COMPOSITE MEDIA FILTER
TK4975-EP-EPT	European Procedure (Patents)	Euro-PCT Application	03 Aug 2009	09791100.2	28 Feb 2018	2321028	METHOD OF MANUFACTURING A COMPOSITE MEDIA FILTER
TK4975-FR-EPT	France	Euro-PCT Application	03 Aug 2009	09791100.2	28 Feb 2018	2321028	METHOD OF MANUFACTURING A COMPOSITE MEDIA FILTER
TK4975-GB-EPT	United Kingdom	Euro-PCT Application	03 Aug 2009	09791100.2	28 Feb 2018	2321028	METHOD OF MANUFACTURING A COMPOSITE MEDIA FILTER
TK4975-JP-PCT	Japan	PCT Application	03 Aug 2009	521380/11	17 Apr 2015	5730198	METHOD OF MANUFACTURING A COMPOSITE MEDIA FILTER
TK4975-KR-PCT	South Korea / Republic of Korea	PCT Application	03 Aug 2009	10-2011-7004729	21 Jul 2016	10-1643431	METHOD OF MANUFACTURING A COMPOSITE MEDIA FILTER
TK4975-US-NP	United States Of America	National Patent	01 Aug 2008	12/184863	12 Apr 2011	7922959	METHOD OF MANUFACTURING A COMPOSITE MEDIA FILTER
TK4980-CN-PCD	China	PCT Application Divisional	21 Jul 2014	2014103472 22.0	12 Sep 2017	20141034 7222.0	FILTERS FOR SELECTIVE REMOVAL OF LARGE PARTICLES FROM PARTICLE SLURRIES

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
TK4980-CN-PCT	China	PCT Application	09 Dec 2009	200980149648.2	20 Aug 2014	200980149648.2	FILTERS FOR SELECTIVE REMOVAL OF LARGE PARTICLES FROM PARTICLE SLURRIES
TK4980-DE-EPT	Germany	Euro-PCT Application	09 Dec 2009	09768579.6	14 Mar 2018	602009051243.9	FILTERS FOR SELECTIVE REMOVAL OF LARGE PARTICLES FROM PARTICLE SLURRIES
TK4980-EP-EPT	European Procedure (Patents)	Euro-PCT Application	09 Dec 2009	09768579.6	14 Mar 2018	2355915	FILTERS FOR SELECTIVE REMOVAL OF LARGE PARTICLES FROM PARTICLE SLURRIES
TK4980-FR-EPT	France	Euro-PCT Application	09 Dec 2009	09768579.6	14 Mar 2018	2355915	FILTERS FOR SELECTIVE REMOVAL OF LARGE PARTICLES FROM PARTICLE SLURRIES
TK4980-GB-EPT	United Kingdom	Euro-PCT Application	09 Dec 2009	09768579.6	14 Mar 2018	2355915	FILTERS FOR SELECTIVE REMOVAL OF LARGE PARTICLES FROM PARTICLE SLURRIES
TK4980-JP-PCT	Japan	PCT Application	09 Dec 2009	540856/11	12 Dec 2014	5661642	FILTERS FOR SELECTIVE REMOVAL OF LARGE PARTICLES FROM PARTICLE SLURRIES
TK4990-CN-PCT	China	PCT Application	07 Dec 2009	200980148171.6	01 Jan 2014	200980148171.6	IMPROVED FILTER MEDIA WITH NANOWEB LAYER
TK4990-DE-EPT	Germany	Euro-PCT Application	07 Dec 2009	09764981.8	20 Mar 2013	602009014239.9	IMPROVED FILTER MEDIA WITH NANOWEB LAYER
TK4990-EP-EPT	European Procedure (Patents)	Euro-PCT Application	07 Dec 2009	09764981.8	20 Mar 2013	2364196	IMPROVED FILTER MEDIA WITH NANOWEB LAYER
TK4990-FR-EPT	France	Euro-PCT Application	07 Dec 2009	09764981.8	20 Mar 2013	2364196	IMPROVED FILTER MEDIA WITH NANOWEB LAYER
TK4990-GB-EPT	United Kingdom	Euro-PCT Application	07 Dec 2009	09764981.8	20 Mar 2013	2364196	IMPROVED FILTER MEDIA WITH NANOWEB LAYER
TK4990-JP-PCT	Japan	PCT Application	07 Dec 2009	539771/11	29 Jan 2016	5875180	IMPROVED FILTER MEDIA WITH NANOWEB LAYER

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
TK4990-KR-PCD	South Korea / Republic of Korea	PCT Application Divisional	26 Jan 2017	10-2017-7002599			IMPROVED FILTER MEDIA WITH NANOWEB LAYER
TK4990-KR-PCT	South Korea / Republic of Korea	PCT Application	07 Dec 2009	10-2011-7015386			IMPROVED FILTER MEDIA WITH NANOWEB LAYER
TK5065-CN-PCT	China	PCT Application	10 Sep 2010	201080052009.7	06 May 2015	201080052009.7	AIR FILTRATION MEDIUM WITH IMPROVED DUST LOADING CAPACITY AND IMPROVED RESISTANCE TO HIGH HUMIDITY ENVIRONMENT
TK5065-EP-EPT	European Procedure (Patents)	Euro-PCT Application	10 Sep 2010	10755051.9			AIR FILTRATION MEDIUM WITH IMPROVED DUST LOADING CAPACITY AND IMPROVED RESISTANCE TO HIGH HUMIDITY ENVIRONMENT
TK5065-JP-PCT	Japan	PCT Application	10 Sep 2010	529805/12	10 Apr 2015	5727488	AIR FILTRATION MEDIUM WITH IMPROVED DUST LOADING CAPACITY AND IMPROVED RESISTANCE TO HIGH HUMIDITY ENVIRONMENT
TK5065-KR-PCT	South Korea / Republic of Korea	PCT Application	10 Sep 2010	10-2012-7009475	22 Jun 2017	10-1752019	AIR FILTRATION MEDIUM WITH IMPROVED DUST LOADING CAPACITY AND IMPROVED RESISTANCE TO HIGH HUMIDITY ENVIRONMENT
TK5065-US-NP	United States Of America	National Patent	09 Sep 2010	12/878084	28 Jan 2014	8636833	AIR FILTRATION MEDIUM WITH IMPROVED DUST LOADING CAPACITY AND IMPROVED RESISTANCE TO HIGH HUMIDITY ENVIRONMENT

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
TK5090-US-NP	United States Of America	National Patent	17 Apr 2012	13448767	11 Nov 2014	8883893	FLAME RETARDANT FLASH SPUN SHEETS
TK5125-DE-EPT	Germany	Euro-PCT Application	20 Dec 2011	11811248.1	24 Jan 2018	60201104 5364.5	HIGH POROSITY HIGH BASIS WEIGHT FILTER MEDIA
TK5125-EP-EPT	European Procedure (Patents)	Euro-PCT Application	20 Dec 2011	11811248.1	24 Jan 2018	2654920	HIGH POROSITY HIGH BASIS WEIGHT FILTER MEDIA
TK5125-FR-EPT	France	Euro-PCT Application	20 Dec 2011	11811248.1	24 Jan 2018	2654920	HIGH POROSITY HIGH BASIS WEIGHT FILTER MEDIA
TK5125-GB-EPT	United Kingdom	Euro-PCT Application	20 Dec 2011	11811248.1	24 Jan 2018	2654920	HIGH POROSITY HIGH BASIS WEIGHT FILTER MEDIA
TK5125-JP-PCT	Japan	PCT Application	20 Dec 2011	546352/13	02 Dec 2016	6050249	HIGH POROSITY HIGH BASIS WEIGHT FILTER MEDIA
TK5130-CN-PCT	China	PCT Application	19 Jan 2012	2012800055 95.9	14 Sep 2016	20128000 5595.9	LITHIUM BATTERY SEPARATOR WITH SHUTDOWN FUNCTION
TK5130-DE-EPT	Germany	Euro-PCT Application	19 Jan 2012	12701971.9	21 Jun 2017	60201203 3666.8	LITHIUM BATTERY SEPARATOR WITH SHUTDOWN FUNCTION
TK5130-EP-EPT	European Procedure (Patents)	Euro-PCT Application	19 Jan 2012	12701971.9	21 Jun 2017	2666199	LITHIUM BATTERY SEPARATOR WITH SHUTDOWN FUNCTION
TK5130-FR-EPT	France	Euro-PCT Application	19 Jan 2012	12701971.9	21 Jun 2017	2666199	LITHIUM BATTERY SEPARATOR WITH SHUTDOWN FUNCTION
TK5130-GB-EPT	United Kingdom	Euro-PCT Application	19 Jan 2012	12701971.9	21 Jun 2017	2666199	LITHIUM BATTERY SEPARATOR WITH SHUTDOWN FUNCTION
TK5130-KR-PCT	South Korea / Republic of Korea	PCT Application	19 Jan 2012	10-2013-7021632			LITHIUM BATTERY SEPARATOR WITH SHUTDOWN FUNCTION
TK5130-US-NP	United States Of America	National Patent	19 Jan 2012	13/353453			LITHIUM BATTERY SEPARATOR WITH SHUTDOWN FUNCTION

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
TK5155-CN-PCT	China	PCT Application	19 Nov 2012	201280055697.1			A METHOD FOR REDUCING SELF DISCHARGE IN AN ELECTROCHEMICAL CELL
TK5155-JP-PCT	Japan	PCT Application	19 Nov 2012	542548/2014	28 Jul 2017	6180424	A METHOD FOR REDUCING SELF DISCHARGE IN AN ELECTROCHEMICAL CELL
TK5155-KR-PCT	South Korea / Republic of Korea	PCT Application	19 Nov 2012	10-2014-7016090			A METHOD FOR REDUCING SELF DISCHARGE IN AN ELECTROCHEMICAL CELL
TK5155-US-NP	United States Of America	National Patent	18 Nov 2011	13/299884	25 Mar 2014	8679200	A METHOD FOR REDUCING SELF DISCHARGE IN AN ELECTROCHEMICAL CELL
TK5160-CA-PCT	Canada	PCT Application	14 May 2012	2832872			LIQUID FILTRATION MEDIA
TK5160-CN-PCT	China	PCT Application	14 May 2012	201280023768.X	20 Jan 2016	201280023768.X	LIQUID FILTRATION MEDIA
TK5160-DE-UM	Germany	Utility Model	14 May 2012	202012013341.1	14 Jun 2016	202012013341.1	LIQUID FILTRATION MEDIA
TK5160-KR-PCT	South Korea / Republic of Korea	PCT Application	14 May 2012	10-2013-7032732			LIQUID FILTRATION MEDIA
TK5160-US-NP	United States Of America	National Patent	11 May 2012	13/469431			LIQUID FILTRATION MEDIA
TK5185-CN-PCT	China	PCT Application	14 Aug 2013	201380042855.4	21 Jul 2017	201380042855.4	MULTIZONE ELECTROBLOWING PROCESS
TK5185-DE-EPT	Germany	Euro-PCT Application	14 Aug 2013	13753466.5	08 Jun 2016	602013008469.6	MULTIZONE ELECTROBLOWING PROCESS
TK5185-EP-EPT	European Procedure (Patents)	Euro-PCT Application	14 Aug 2013	13753466.5	08 Jun 2016	2885446	MULTIZONE ELECTROBLOWING PROCESS

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
TK5185-FR-EPT	France	Euro-PCT Application	14 Aug 2013	13753466.5	08 Jun 2016	2885446	MULTIZONE ELECTROBLOWING PROCESS
TK5185-JP-PCT	Japan	PCT Application	14 Aug 2013	2015-527568	22 Sep 2017	6211613	MULTIZONE ELECTROBLOWING PROCESS
TK5185-KR-PCT	South Korea / Republic of Korea	PCT Application	14 Aug 2013	2015-7003624			MULTIZONE ELECTROBLOWING PROCESS
TK5185-US-NP	United States Of America	National Patent	15 Aug 2012	13/585952	28 Jul 2015	9090996	MULTIZONE ELECTROBLOWING PROCESS
TK5190-CN-PCT	China	PCT Application	28 Jun 2012	201280031249.8	22 Mar 2017	201280031249.8	FLAME RETARDANT FLEXIBLE SUBSTRATES AND PROCESS OF MANUFACTURE THEREOF
TK5190-DE-EPT	Germany	Euro-PCT Application	28 Jun 2012	12735988.3	20 Jun 2018	602012047644.3	FLAME RETARDANT FLEXIBLE SUBSTRATES AND PROCESS OF MANUFACTURE THEREOF
TK5190-EP-EPT	European Procedure (Patents)	Euro-PCT Application	28 Jun 2012	12735988.3	20 Jun 2018	2726277	FLAME RETARDANT FLEXIBLE SUBSTRATES AND PROCESS OF MANUFACTURE THEREOF
TK5190-FR-EPT	France	Euro-PCT Application	28 Jun 2012	12735988.3	20 Jun 2018	2726277	FLAME RETARDANT FLEXIBLE SUBSTRATES AND PROCESS OF MANUFACTURE THEREOF
TK5190-GB-EPT	United Kingdom	Euro-PCT Application	28 Jun 2012	12735988.3	20 Jun 2018	2726277	FLAME RETARDANT FLEXIBLE SUBSTRATES AND PROCESS OF MANUFACTURE THEREOF
TK5190-JP-PCT	Japan	PCT Application	28 Jun 2012	2014-519016	12 Jan 2018	6270218	FLAME RETARDANT FLEXIBLE SUBSTRATES AND PROCESS OF MANUFACTURE THEREOF

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
TK5195-DE-EPT	Germany	Euro-PCT Application	28 Jun 2012	12733387.0	04 Apr 2018	602012044727.3	PATTERNED FLAME RETARDANT FLEXIBLE SUBSTRATES AND PROCESS OF MANUFACTURE THEREOF
TK5195-EP-EPT	European Procedure (Patents)	Euro-PCT Application	28 Jun 2012	12733387.0	04 Apr 2018	2726667	PATTERNED FLAME RETARDANT FLEXIBLE SUBSTRATES AND PROCESS OF MANUFACTURE THEREOF
TK5195-FR-EPT	France	Euro-PCT Application	28 Jun 2012	12733387.0	04 Apr 2018	2726667	PATTERNED FLAME RETARDANT FLEXIBLE SUBSTRATES AND PROCESS OF MANUFACTURE THEREOF
TK5195-GB-EPT	United Kingdom	Euro-PCT Application	28 Jun 2012	12733387.0	04 Apr 2018	2726667	PATTERNED FLAME RETARDANT FLEXIBLE SUBSTRATES AND PROCESS OF MANUFACTURE THEREOF
TK5200-CN-PCT	China	PCT Application	15 Aug 2012	201280050496.2	21 Nov 2017	201280050496.2	A BREATHABLE PRODUCT FOR PROTECTIVE MASS TRANSPORTATION AND COLD CHAIN APPLICATIONS
TK5200-EP-EPT	European Procedure (Patents)	Euro-PCT Application	15 Aug 2012	12750686.3			A BREATHABLE PRODUCT FOR PROTECTIVE MASS TRANSPORTATION AND COLD CHAIN APPLICATIONS
TK5200-JP-PCT	Japan	PCT Application	15 Aug 2012	2014-526182	12 May 2017	6140159	A BREATHABLE PRODUCT FOR PROTECTIVE MASS TRANSPORTATION AND COLD CHAIN APPLICATIONS

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
TK5200-US-PCD	United States Of America	PCT Application Divisional	31 May 2017	15/609664	12 Dec 2017	9839873	A BREATHABLE PRODUCT FOR PROTECTIVE MASS TRANSPORTATION AND COLD CHAIN APPLICATIONS
TK5200-US-PCT	United States Of America	PCT Application	15 Aug 2012	14/238891	28 Nov 2017	9827529	A BREATHABLE PRODUCT FOR PROTECTIVE MASS TRANSPORTATION AND COLD CHAIN APPLICATIONS
TK5207-CA-PCT	Canada	PCT Application	17 Dec 2012	2859217			THERMALLY INSULATING BATT AND COMPOSITE
TK5207-DE-EPT	Germany	Euro-PCT Application	17 Dec 2012	12809967.8	24 Jan 2018	60201204 2430.3	THERMALLY INSULATING BATT AND COMPOSITE
TK5207-EP-EPT	European Procedure (Patents)	Euro-PCT Application	17 Dec 2012	12809967.8	24 Jan 2018	2794971	THERMALLY INSULATING BATT AND COMPOSITE
TK5207-FR-EPT	France	Euro-PCT Application	17 Dec 2012	12809967.8	24 Jan 2018	2794971	THERMALLY INSULATING BATT AND COMPOSITE
TK5207-GB-EPT	United Kingdom	Euro-PCT Application	17 Dec 2012	12809967.8	24 Jan 2018	2794971	THERMALLY INSULATING BATT AND COMPOSITE
TK5210-CN-PCT	China	PCT Application	08 Nov 2013	2013800595 60.8	11 Jul 2017	20138005 9560.8	SEPARATOR MEDIA FOR ELECTROCHEMICAL CELLS
TK5210-DE-EPT	Germany	Euro-PCT Application	08 Nov 2013	13795126.5	03 Jan 2018	60201303 1723.2	SEPARATOR MEDIA FOR ELECTROCHEMICAL CELLS
TK5210-EP-EPT	European Procedure (Patents)	Euro-PCT Application	08 Nov 2013	13795126.5	03 Jan 2018	2920830	SEPARATOR MEDIA FOR ELECTROCHEMICAL CELLS
TK5210-FR-EPT	France	Euro-PCT Application	08 Nov 2013	13795126.5	03 Jan 2018	2920830	SEPARATOR MEDIA FOR ELECTROCHEMICAL CELLS

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
TK5210-GB-EPT	United Kingdom	Euro-PCT Application	08 Nov 2013	13795126.5	03 Jan 2018	2920830	SEPARATOR MEDIA FOR ELECTROCHEMICAL CELLS
TK5210-JP-PCT	Japan	PCT Application	08 Nov 2013	2015-542710	29 Jun 2018	6358711	SEPARATOR MEDIA FOR ELECTROCHEMICAL CELLS
TK5210-KR-PCT	South Korea / Republic of Korea	PCT Application	08 Nov 2013	2015-7012427			SEPARATOR MEDIA FOR ELECTROCHEMICAL CELLS
TK5210-US-PCT	United States Of America	PCT Application	08 Nov 2013	14/442412			SEPARATOR MEDIA FOR ELECTROCHEMICAL CELLS
TK5220-CN-NP	China	National Patent	31 Dec 2011	201110460223.2	25 Nov 2015	201110460223.2	DIFFUSE REFLECTIVE LAMINATE COMPRISING NONWOVEN SHEET
TK5240-CA-PCT	Canada	PCT Application	22 Mar 2013	2867041			METHOD FOR RECOVERING HYDROCARBON FLUIDS FROM A HYDRAULIC FRACTURING PROCESS
TK5240-US-NP	United States Of America	National Patent	22 Mar 2013	13/848792	15 Mar 2016	9284830	METHOD FOR RECOVERING HYDROCARBON FLUIDS FROM A HYDRAULIC FRACTURING PROCESS
TK5320-US-DP	United States Of America	Design Patent	09 Oct 2012	29/434022	21 Oct 2014	D715642	TOTE BAG PACKAGING HEADER
TK5345-CN-PCT	China	PCT Application	05 Nov 2014	201480060653.7	16 Feb 2018	201480060653.7	COMPOSITIONS FOR SURFACE TREATMENTS
TK5345-EP-EPT	European Procedure (Patents)	Euro-PCT Application	05 Nov 2014	14799317.4			COMPOSITIONS FOR SURFACE TREATMENTS
TK5345-JP-PCT	Japan	PCT Application	05 Nov 2014	2016-552462			COMPOSITIONS FOR SURFACE TREATMENTS
TK5345-US-NP	United States Of America	National Patent	03 Nov 2014	14/531193	05 Jun 2018	9988536	COMPOSITIONS FOR SURFACE TREATMENTS

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
TK5355-CN-PCT	China	PCT Application	03 Dec 2014	201480060650.3			COMPOSITE SEPARATOR FOR ELECTROCHEMICAL CELL CAPABLE OF SUSTAINED SHUTDOWN
TK5355-JP-PCT	Japan	PCT Application	03 Dec 2014	2016-552466			COMPOSITE SEPARATOR FOR ELECTROCHEMICAL CELL CAPABLE OF SUSTAINED SHUTDOWN
TK5355-KR-PCT	South Korea / Republic of Korea	PCT Application	03 Dec 2014	10-2016-7014594			COMPOSITE SEPARATOR FOR ELECTROCHEMICAL CELL CAPABLE OF SUSTAINED SHUTDOWN
TK5355-US-NP	United States Of America	National Patent	05 Nov 2014	14/533340	15 Aug 2017	9735410	COMPOSITE SEPARATOR FOR ELECTROCHEMICAL CELL CAPABLE OF SUSTAINED SHUTDOWN
TK5370-CN-PCT	China	PCT Application	18 Jun 2015	201580032522.2			FLASH SPUN PLEXIFILAMENTARY SHEETS
TK5370-EP-EPT	European Procedure (Patents)	Euro-PCT Application	18 Jun 2015	15744393.8			FLASH SPUN PLEXIFILAMENTARY SHEETS
TK5370-JP-PCT	Japan	PCT Application	18 Jun 2015	2016-574100			FLASH SPUN PLEXIFILAMENTARY SHEETS
TK5370-US-NP	United States Of America	National Patent	16 Jun 2015	14/740824			FLASH SPUN PLEXIFILAMENTARY SHEETS
TK5375-CN-PCT[2]	China	PCT Application	15 Jul 2015	201580044322.9			FLASH SPUN PLEXIFILAMENTARY STRANDS AND SHEETS
TK5375-EP-EPT[2]	European Procedure (Patents)	Euro-PCT Application	15 Jul 2015	15753225.0			FLASH SPUN PLEXIFILAMENTARY STRANDS AND SHEETS
TK5375-JP-PCT[2]	Japan	PCT Application	15 Jul 2015	2016-574172			FLASH SPUN PLEXIFILAMENTARY STRANDS AND SHEETS
TK5375-US-CIP	United States Of America	Continuation-in-Part	27 Jan 2016	15/007378			FLASH SPUN PLEXIFILAMENTARY STRANDS AND SHEETS

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
TK5375-US-NP[2]	United States Of America	National Patent	10 Jul 2015	14/796350			FLASH SPUN PLEXIFILAMENTARY STRANDS AND SHEETS
TK5405-CN-PCT	China	PCT Application	15 Jul 2015	2015800390 68.3			BREATHABLE PROTECTIVE APPAREL
TK5405-EP-EPT	European Procedure (Patents)	Euro-PCT Application	15 Jul 2015	15745041.2			BREATHABLE PROTECTIVE APPAREL
TK5405-JP-PCT	Japan	PCT Application	15 Jul 2015	2017-523186			BREATHABLE PROTECTIVE APPAREL
TK5405-US-NP	United States Of America	National Patent	13 Jul 2015	14/797530	07 Nov 2017	9809004	BREATHABLE PROTECTIVE APPAREL
TK5410-CN-PCT	China	PCT Application	06 Jul 2016	2016800406 42.1			SEPARATOR HAVING ADHESIVE LAYER, MANUFACTURING METHOD OF THE SAME, AND ELECTROCHEMICAL DEVICE HAVING THE SAME
TK5410-EP-EPT	European Procedure (Patents)	Euro-PCT Application	06 Jul 2016	16739375.0			SEPARATOR HAVING ADHESIVE LAYER, MANUFACTURING METHOD OF THE SAME, AND ELECTROCHEMICAL DEVICE HAVING THE SAME
TK5410-JP-PCT	Japan	PCT Application	06 Jul 2016	2018-500653			SEPARATOR HAVING ADHESIVE LAYER, MANUFACTURING METHOD OF THE SAME, AND ELECTROCHEMICAL DEVICE HAVING THE SAME
TK5410-KR-PCT	South Korea / Republic of Korea	PCT Application	06 Jul 2016	10-2017-7036045			SEPARATOR HAVING ADHESIVE LAYER, MANUFACTURING METHOD OF THE SAME, AND ELECTROCHEMICAL DEVICE HAVING THE SAME

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
TK5410-US-NP	United States Of America	National Patent	12 May 2016	15/153280			SEPARATOR HAVING ADHESIVE LAYER, MANUFACTURING METHOD OF THE SAME, AND ELECTROCHEMICAL DEVICE HAVING THE SAME
TK5415-CN-PCT	China	PCT Application	01 Jul 2015	2015800370 01.6			FILTRATION MEMBRANES
TK5415-EP-EPT	European Procedure (Patents)	Euro-PCT Application	01 Jul 2015	15739133.5			FILTRATION MEMBRANES
TK5415-JP-PCT	Japan	PCT Application	01 Jul 2015	2017-501191			FILTRATION MEMBRANES
TK5415-KR-PCT	South Korea / Republic of Korea	PCT Application	01 Jul 2015	10-2017-7000140			FILTRATION MEMBRANES
TK5425-BR-PCT	Brazil	PCT Application	01 Feb 2016	1120170159 872			ROOT INTRUSION IMPROVEMENTS IN IRRIGATION TUBES
TK5425-CN-PCT	China	PCT Application	01 Feb 2016	2016800083 73.0			ROOT INTRUSION IMPROVEMENTS IN IRRIGATION TUBES
TK5425-EP-EPT	European Procedure (Patents)	Euro-PCT Application	01 Feb 2016	16707281.8			ROOT INTRUSION IMPROVEMENTS IN IRRIGATION TUBES
TK5425-IL-PCT	Israel	PCT Application	01 Feb 2016	253442			ROOT INTRUSION IMPROVEMENTS IN IRRIGATION TUBES
TK5425-JP-PCT	Japan	PCT Application	01 Feb 2016	2017-559276			ROOT INTRUSION IMPROVEMENTS IN IRRIGATION TUBES
TK5425-US-PCT	United States Of America	PCT Application	01 Feb 2016	15/546133			ROOT INTRUSION IMPROVEMENTS IN IRRIGATION TUBES
TK5435-CN-PCT	China	PCT Application	28 Mar 2016	2016800199 93.4			DISSIPATIVE SYSTEM FOR SAFETY GARMENTS

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
TK5435-EP-EPT	European Procedure (Patents)	Euro-PCT Application	28 Mar 2016	16719159.2			DISSIPATIVE SYSTEM FOR SAFETY GARMENTS
TK5435-JP-PCT	Japan	PCT Application	28 Mar 2016	2017-551615			DISSIPATIVE SYSTEM FOR SAFETY GARMENTS
TK5435-US-NP	United States Of America	National Patent	28 Mar 2016	15/082422	01 May 2018	9955747	DISSIPATIVE SYSTEM FOR SAFETY GARMENTS
TK5445-CN-PCT	China	PCT Application	08 Jun 2016	2016800333 02.6			FLASH SPINNING PROCESS
TK5445-EP-EPT	European Procedure (Patents)	Euro-PCT Application	08 Jun 2016	16731722.1			FLASH SPINNING PROCESS
TK5445-JP-PCT	Japan	PCT Application	08 Jun 2016	2017-563297			FLASH SPINNING PROCESS
TK5445-US-NP	United States Of America	National Patent	03 Jun 2016	15/172753			FLASH SPINNING PROCESS
TK5460-CN-PCT	China	PCT Application	11 May 2017	PCT/US17/3 2101			COMPOSITE COMPRISING A NONWOVEN VAPOR PERMEABLE SHEET
TK5460-EP-EPT	European Procedure (Patents)	Euro-PCT Application	11 May 2017	17727976.7			COMPOSITE COMPRISING A NONWOVEN VAPOR PERMEABLE SHEET
TK5460-JP-PCT	Japan	PCT Application	11 May 2017	2018-549523			COMPOSITE COMPRISING A NONWOVEN VAPOR PERMEABLE SHEET
TK5460-US-PCT	United States Of America	PCT Application	11 May 2017	16/086388			COMPOSITE COMPRISING A NONWOVEN VAPOR PERMEABLE SHEET
TK5460-WO-PCT	International Procedure	PCT Application	11 May 2017	PCT/US17/3 2101			COMPOSITE COMPRISING A NONWOVEN VAPOR PERMEABLE SHEET

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
TK5485-US-NP	United States Of America	National Patent	17 Apr 2018	15/954990			WATER-DRAINABLE AIR-BARRIER TAPE FOR BUILDING TERMINATIONS
TK5485-WO-PCT	International Procedure	PCT Application	05 Apr 2018	PCT/US18/26179			WATER-DRAINABLE AIR-BARRIER TAPE FOR BUILDING TERMINATIONS
TK5490-US-NP	United States Of America	National Patent	18 Sep 2017	15/706817			PACKAGE COMPRISING A SEALED CONTACT AREA INCLUDING A NONWOVEN HAVING A BONDED SURFACE WITH AN EMBOSSED IMPRESSION PATTERN
TK5490-WO-PCT	International Procedure	PCT Application	13 Sep 2017	PCT/US17/51323			PACKAGE COMPRISING A SEALED CONTACT AREA INCLUDING A NONWOVEN HAVING A BONDED SURFACE WITH AN EMBOSSED IMPRESSION PATTERN
TK5500-US-NP	United States Of America	National Patent	29 Aug 2018	16/116371			IMPROVED PROTECTIVE GARMENT WITH HARNESS ACCESS
TK5500-WO-PCT	International Procedure	PCT Application	30 Aug 2018	PCT/US18/48671			IMPROVED PROTECTIVE GARMENT WITH HARNESS ACCESS
TK5560-US-NP	United States Of America	National Patent	10 Aug 2018	16/101104			APPARATUS AND METHOD FOR PROTECTIVELY COVERING TEMPERATURE SENSITIVE PRODUCTS
TK5570-US-NP	United States Of America	National Patent	31 Jan 2019	16/263372			MULTILAYER SHEET STRUCTURE
TK5575-US-PSP	United States Of America	Provisional Application	06 Dec 2018	62/776192			PROTECTIVE GARMENT HAVING IMPROVED HOOD ELASTOMERIC INTERFACE

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
CL1960-AU-PCT	Australia	PCT Application	31 Oct 2003	2003290615	21 Apr 2011	2003290615	COPPER COMPLEXES AND THEIR USE AS WOOD PRESERVATIVES
CL1960-CA-PCT	Canada	PCT Application	31 Oct 2003	2503573	03 Jul 2012	2503573	COPPER COMPLEXES AND THEIR USE AS WOOD PRESERVATIVES
CL1960-EP-EPT	European Procedure (Patents)	Euro-PCT Application	31 Oct 2003	03783148.4	08 Apr 2009	1555878	COPPER COMPLEXES AND THEIR USE AS WOOD PRESERVATIVES
CL1960-FR-EPT	France	Euro-PCT Application	31 Oct 2003	03783148.4	08 Apr 2009	1555878	COPPER COMPLEXES AND THEIR USE AS WOOD PRESERVATIVES
CL1960-GB-EPT	United Kingdom	Euro-PCT Application	31 Oct 2003	03783148.4	08 Apr 2009	1555878	COPPER COMPLEXES AND THEIR USE AS WOOD PRESERVATIVES
CL1960-NZ-DIV	New Zealand	National Patent Divisional	02 May 2007	554893	08 Jan 2009	554893	COPPER COMPLEXES AND THEIR USE AS WOOD PRESERVATIVES
CL1960-US-NP	United States Of America	National Patent	31 Oct 2003	10/699329	27 Dec 2005	6978724	COPPER COMPLEXES AND THEIR USE AS WOOD PRESERVATIVES
CL2881-CN-PCT	China	PCT Application	23 Jun 2006	200680054451.7	24 Jul 2013	200680054451.7	AMORPHOUS POLYMERS WITH PENDANT CHROMOGENIC GROUPS
CL2881-JP-PCT	Japan	PCT Application	23 Jun 2006	516466/09			AMORPHOUS POLYMERS WITH PENDANT CHROMOGENIC GROUPS
CL2881-US-PCT	United States Of America	PCT Application	23 Jun 2006	12/297312	16 Oct 2012	8287767	AMORPHOUS POLYMERS WITH PENDANT CHROMOGENIC GROUPS
CL2991-AU-PCT	Australia	PCT Application	28 Dec 2006	2006332705	24 May 2012	2006332705	TUNGSTATE AND MOLYBDATE WOOD PRESERVATIVES
CL2991-CA-PCT	Canada	PCT Application	28 Dec 2006	2635267	01 Apr 2014	2635267	TUNGSTATE AND MOLYBDATE WOOD PRESERVATIVES
CL2992-CA-PCT	Canada	PCT Application	28 Dec 2006	2633401	18 Mar 2014	2633401	IBUPROFEN COMPLEXES AS WOOD PRESERVATIVES
CL2993-AU-PCT	Australia	PCT Application	28 Dec 2006	2006332707	24 May 2012	2006332707	TROPOLONE COMPLEXES AS WOOD PRESERVATIVES

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
CL2993-CA-PCT	Canada	PCT Application	28 Dec 2006	2635257	25 Mar 2014	2635257	TROPOLONE COMPLEXES AS WOOD PRESERVATIVES
CL2994-AU-PCT	Australia	PCT Application	28 Dec 2006	2006332708	19 Jul 2012	2006332708	METAL SALTS OF HYDROLYZED OLEFIN/MALEIC ANHYDRIDE COPOLYMERS AND THEIR USE AS WOOD PRESERVATIVES
CL2994-CA-PCT	Canada	PCT Application	28 Dec 2006	2633427	08 Apr 2014	2633427	METAL SALTS OF HYDROLYZED OLEFIN/MALEIC ANHYDRIDE COPOLYMERS AND THEIR USE AS WOOD PRESERVATIVES
CL2994-US-NP	United States Of America	National Patent	21 Dec 2006	11/643598	02 Jun 2009	7540906	METAL SALTS OF HYDROLYZED OLEFIN/MALEIC ANHYDRIDE COPOLYMERS AND THEIR USE AS WOOD PRESERVATIVES
CL3814-US-NP	United States Of America	National Patent	18 Dec 2008	12/338548	18 Nov 2014	8889038	IMPROVED WOOD PRESERVATIVES CONTAINING COPPER COMPLEXES
CL4001-US-NP	United States Of America	National Patent	18 Dec 2008	12/338593	28 Jul 2015	9089127	COPPER COMPLEXES AND THEIR USE AS WOOD PRESERVATIVES
CN1516-EP-EPT	European Procedure (Patents)	Euro-PCT Application	22 Aug 2017	17764931.6			SPRAYABLE COMPOSITION
HT5130-CN-PCT	China	PCT Application	28 Jul 2016	PCT/CN2016/092000			FLEXIBLE LIGHTWEIGHT FIRE BARRIER
HT5150-BR-PCT	Brazil	PCT Application	11 Aug 2017	112019004218-0			INTIMATE BLENDS OF CARBON-CONTAINING AND DYEABLE FIBERS

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT5150-CN-PCT	China	PCT Application	11 Aug 2017	PCT/US17/46555			INTIMATE BLENDS OF CARBON-CONTAINING AND DYEABLE FIBERS
HT5150-JP-PCT	Japan	PCT Application	11 Aug 2017	2019-511963			INTIMATE BLENDS OF CARBON-CONTAINING AND DYEABLE FIBERS
HT5150-KR-PCT	South Korea / Republic of Korea	PCT Application	11 Aug 2017	10-2019-7006841			INTIMATE BLENDS OF CARBON-CONTAINING AND DYEABLE FIBERS
HT5160-BR-PCT	Brazil	PCT Application	09 Feb 2017	1120190042261			CARBON-CONTAINING ARC-RESISTANT ARAMID FABRICS FROM DISSIMILAR YARNS
HT5160-CN-PCT	China	PCT Application	09 Feb 2017	PCT/US17/17174			CARBON-CONTAINING ARC-RESISTANT ARAMID FABRICS FROM DISSIMILAR YARNS
HT5160-JP-PCT	Japan	PCT Application	09 Feb 2017	2019-512204			CARBON-CONTAINING ARC-RESISTANT ARAMID FABRICS FROM DISSIMILAR YARNS
HT5160-KR-PCT	South Korea / Republic of Korea	PCT Application	09 Feb 2017	10-2019-7006842			CARBON-CONTAINING ARC-RESISTANT ARAMID FABRICS FROM DISSIMILAR YARNS
HT5165-BR-PCT	Brazil	PCT Application	11 Aug 2017	1120190042296			CARBON-CONTAINING FIBER BLENDS INCLUDING ARAMID AND MODACRYLIC FIBER
HT5165-CN-PCT	China	PCT Application	11 Aug 2017	PCT/US17/46567			CARBON-CONTAINING FIBER BLENDS INCLUDING ARAMID AND MODACRYLIC FIBER
HT5165-JP-PCT	Japan	PCT Application	11 Aug 2017	2019-511966			CARBON-CONTAINING FIBER BLENDS INCLUDING ARAMID AND MODACRYLIC FIBER
HT5165-KR-PCT	South Korea / Republic of Korea	PCT Application	11 Aug 2017	10-2019-7006843			CARBON-CONTAINING FIBER BLENDS INCLUDING ARAMID AND MODACRYLIC FIBER

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
HT5170-BR-PCT	Brazil	PCT Application	11 Aug 2017	1120190042334			LIGHTWEIGHT FABRICS CONTAINING CARBON-CONTAINING ARAMID FIBER BLEND INCLUDING MODACRYLIC FIBER
HT5170-CN-PCT	China	PCT Application	11 Aug 2017	PCT/US2017/046576			LIGHTWEIGHT FABRICS CONTAINING CARBON-CONTAINING ARAMID FIBER BLEND INCLUDING MODACRYLIC FIBER
HT5170-JP-PCT	Japan	PCT Application	11 Aug 2017	2019-511655			LIGHTWEIGHT FABRICS CONTAINING CARBON-CONTAINING ARAMID FIBER BLEND INCLUDING MODACRYLIC FIBER
HT5175-BR-PCT	Brazil	PCT Application	11 Aug 2017	1120190042342			CARBON-CONTAINING ARAMID BICOMPONENT FILAMENT YARNS
HT5175-CN-PCT	China	PCT Application	11 Aug 2017	PCT/US17/46586			CARBON-CONTAINING ARAMID BICOMPONENT FILAMENT YARNS
HT5175-JP-PCT	Japan	PCT Application	11 Aug 2017	2019-512271			CARBON-CONTAINING ARAMID BICOMPONENT FILAMENT YARNS
HT5180-BR-PCT	Brazil	PCT Application	11 Aug 2017	1120190042385			CARBON-CONTAINING MODACRYLIC & ARAMID BICOMPONENT FILAMENT YARNS
HT5180-CN-PCT	China	PCT Application	11 Aug 2017	PCT/US17/46594			CARBON-CONTAINING MODACRYLIC & ARAMID BICOMPONENT FILAMENT YARNS
HT5180-JP-PCT	Japan	PCT Application	11 Aug 2017	2019-512268			CARBON-CONTAINING MODACRYLIC & ARAMID BICOMPONENT FILAMENT YARNS
HT5270-US-PSP	United States of America	Provisional	15 Mar 2019	62/818,769			PAPERS USEFUL AS THERMAL INSULATION AND FLAME BARRIERS FOR BATTERY CELLS

Case Ref	Country	Filing Type	Filing Date	Filing Number	Grant Date	Grant Number	Title
PO0055-US-CIP	United States of America	Continuation	14 Mar 2019	16/353,381			CONFORMABLE POLYETHYLENE FABRIC AND ARTICLES MADE THEREFROM