

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4298868

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
ABB SCHWEIZ AG	12/12/2016

**RECEIVING PARTY DATA**

<b>Name:</b>	ABB HV CABLES (SWITZERLAND) GMBH
<b>Street Address:</b>	BROWN BOVERI STRASSE 6
<b>City:</b>	CH-5400 BADEN
<b>State/Country:</b>	SWITZERLAND

**PROPERTY NUMBERS Total: 17**

Property Type	Number
Patent Number:	8609987
Patent Number:	8525025
Patent Number:	8754329
Patent Number:	9129721
Patent Number:	8946552
Patent Number:	9482715
Application Number:	15120059
Application Number:	15300575
Patent Number:	8629351
Patent Number:	8507795
Patent Number:	8632284
Patent Number:	8847069
Patent Number:	9136040
Application Number:	15106011
Application Number:	15108723
Application Number:	15039843
Patent Number:	D741124

**CORRESPONDENCE DATA**

Fax Number: (203)703-0801

*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.*

**PATENT**

**Phone:** 2037030800  
**Email:** patent@whipgroup.com  
**Correspondent Name:** WESLEY W. WHITMYER, JR.  
**Address Line 1:** 600 SUMMER STREET  
**Address Line 2:** WHITMYER IP GROUP LLC  
**Address Line 4:** STAMFORD, CONNECTICUT 06901

**ATTORNEY DOCKET NUMBER:** 04192-G0000

**NAME OF SUBMITTER:** WESLEY W. WHITMYER JR.

**SIGNATURE:** /Wesley W. Whitmyer Jr./

**DATE SIGNED:** 03/02/2017

**Total Attachments: 20**

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Assignment Recordation Branch  
 Public Records Division  
 Post Office Box 1450  
 Alexandria, VA 22313-1450

**Request for IP Contribution Agreement Recordation**

Dear Sir or Madam:

This is a request to change Assignee/Owner from ABB Schweiz AG to **ABB HV Cables (Switzerland) GmbH**. By the present agreement dated December 12, 2016 (effective date January 1, 2017), ABB Schweiz AG assigns and transfers to ABB HV Cables (Switzerland) GmbH the entire right, title and interest in, to and under the following U.S. intellectual properties:

IP Agreement Case Reference No.	Serial No.	Publication No.	Patent No.	IP Property Title
10809-US-PCT	13/683,945	US-2013-0081844-A1	8,609,987	High Voltage Direct Current Cable Termination Apparatus
SE-10858-US-PCT	13/679,501	US-2013-0078836-A1	8,525,025	High Voltage Direct Current Cable Termination Apparatus
SE-10880-US-PCT	13/683,643	US-2013-0081851-A1	8,754,329	High Voltage Direct Current Cable Termination Apparatus
SE-11244-US-PCT	14/282,430	US-2014-0251654-A1	9,129,721	Direct Current (DC) Transmission System Comprising A Thickness Controlled Laminated Insulation Layer And Method Of Manufacturing
SE-10859-US-PCT	13/683,718	US-2013-0075124-A1	8,946,552	High Voltage Direct Current Cable Termination Apparatus
SE-11271-US-PCT	14/500,009	US-2015-0015273-A1	9,482,715	Method For Determining An Electrical Property Of Cable Insulation
SE-11696-US-PCT	15/120,059			Power Cable Termination Device For Gas-Insulated Switchgear
SE-11750-US-PCT	15/300,575			Bend Stiffener With Bend Indication
10554-US-PCT	13/163,445	US-2011-0278041-A1	8,629,351	DC Cable For High Voltages
10694-US-PCT	13/342,504	US-2012-0097446-A1	8,507,795	Joint For A Submarine Cable

IP Agreement Case Reference No.	Serial No.	Publication No.	Patent No.	IP Property Title
SE-10901-US-PCT	13/649,833	US-2013-0032011-A1	8,632,284	Device And Method For Machining An Electrical Cable
SE-10916-US-PCT	13/912,951	US-2013-0269966-A1	8,847,069	High Voltage Electric Cable
SE-11286-US-PCT	14/471,624	US-2014-0367164-A1	9,136,040	Joint Including Two Sections Of A Power Cable And A Method
SE-11613-US-PCT[2]	15/106,011	US-2016-0322129-A1		Electrical HV Transmission Power Cable
SE-11661-US-PCT	15/108,723	US-2016-0320579-A1		Power Cable Assembly Device And A Power Cable Provided With Such A Device
SE-11741US-PCT	15/039,843	US-2016-0379737-A1		Power Cable Filler Device And Power Cable Comprising The Same
9-343US-DP	29/485,847	n/a	D741,124	Tool for Opening Wires In Cables

All supporting legal documentation is attached herewith as follows:

- **Exhibit A:** IP Contribution Transfer Agreement and Schedules listing U.S. and foreign IP properties.

Respectfully submitted,

/Wesley W. Whitmyer, Jr./

March 2, 2017

Wesley W. Whitmyer, Jr., Registration No., 33,558  
Attorneys for Applicants  
WHITMYER IP GROUP LLC  
600 Summer Street  
Stamford, CT 06901  
203 703-0800

# EXHIBIT A



Freshfields Bruckhaus Deringer

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**IP CONTRIBUTION AGREEMENT**

in relation to IP exclusively relating to the high voltage cables  
business of ABB group

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12 December 2016

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**SCHEDULES**

Schedule 1A  
Schedule 1B

Business Owned IP  
Excluded IP



## IP CONTRIBUTION AGREEMENT

dated 12 December 2016

### PARTIES:

1. ABB Schweiz AG (CH), a company incorporated and existing under the laws of Switzerland, registered with the Commercial Registry of the Canton of Aargau under number CHE-101.538.426 having its business address at Brown Boveri Strasse 6, 5400 Baden, Aargau, Switzerland (the *Transferor*); and
2. ABB HV Cables (Switzerland) GmbH, a company incorporated and existing under the laws of Switzerland, registered with the Commercial Registry of the Canton of Aargau under number CHE - 343.542.541 having its business address at Brown Boveri Strasse 6, 5400 Baden, Aargau, Switzerland (the *Transferee*)

(Transferor and Transferee collectively the *Parties* and each a *Party*)

### RECITALS:

- A. The Transferor is the legal and/or beneficial owner of certain intellectual property rights exclusively relating to ABB group's business of developing, designing, manufacturing, selling, installing and servicing high voltage cables as stand-alone products and/or combined together as cable systems for both on- and offshore applications but, for the avoidance of doubt, excluding the business of developing, designing, manufacturing, selling, installing and servicing high voltage cable accessories business located in Alingsås (the *Business*).
- B. On 21 September 2016 ABB Holdings B.V. as seller and NKT Cables Holding AB as purchaser and NKT Holding A/S as the purchaser's guarantor entered into an agreement for the sale and purchase of the entire issued share capital of ABB HV Cables (Holding) AB (the *SPA*). Under the SPA, in the context of the reorganisation of the Business, it is contemplated, *inter alia*, that the Transferor transfers its intellectual property rights which exclusively relate to the Business to the Transferee as a capital contribution to be valued at book value and that the Transferee carries on the Business.
- C. In order to implement the contribution of intellectual property rights as contemplated under the SPA, the Parties enter into this IP Contribution Agreement (the *Agreement*).

**IT IS AGREED:**

**1. Definitions**

In this Agreement, the following words and expressions shall have the following meanings:

*Affiliate* means, in relation to any Party, any subsidiary or parent company of that Party and any subsidiary of any such parent company, in each case from time to time;

*Agreement* is defined in Recital C;

*Business* is defined in Recital A;

*Business Owned IP* means all Intellectual Property Rights owned by the Transferor which exclusively relate to the Business, including without limitation those listed in Schedule 1A, and excluding the Excluded IP;

*Excluded IP* means the Intellectual Property Rights listed in Schedule 1B;

*Intellectual Property Rights* means:

- (a) patents, utility models and rights in inventions;
- (b) rights in each of know-how, confidential information and trade secrets;
- (c) trade marks, service marks, rights in logos, trade names, rights in each of get-up and trade dress and domain names;
- (d) copyright, moral rights, database rights, rights in designs, and semiconductor topography rights;
- (e) any other intellectual property rights; and
- (f) all rights or forms of protection, subsisting now or in the future, having equivalent or similar effect to the rights referred to in paragraphs (a) to (e) above,

in each case: (i) anywhere in the world; (ii) whether unregistered or registered (including all applications, rights to apply and rights to claim priority); and (iii) including all divisionals, continuations, continuations-in-part, reissues, extensions, re-examinations and renewals;

*SPA* is defined in Recital A.

**2. Contribution**

2.1 The Transferor shall transfer and assign, and hereby transfers and assigns, with effect from January 1, 2017 (the *Effective Date*), to the Transferee all of its rights, title and interest in the Business Owned IP together with all goodwill connected with and symbolized by the Business Owned IP and including the rights in and to all income, royalties, damages and payments now and hereafter due or payable, all causes of action (whether in law or in equity), and the right to sue, counterclaim, and recover for infringement, in each case with respect to the Business Owned IP, as a capital contribution, and the Transferee accepts such transfer.

- 2.2 Following the Effective Date, the Transferee shall use reasonable efforts to register the transfer of all registered Business Owned IP with all competent intellectual property registries at its own cost and expense as soon as reasonably practicable, and shall prepare all documents required in connection therewith. As long as the Transferor or any of its Affiliates is registered as the owner of any registered Business Owned IP, the Transferor shall reasonably assist (or shall procure that its Affiliates reasonably assist) the Transferee in the registration process.
- 2.3 Upon reasonable request and at the expense of the Transferee, the Transferor shall instruct all external advisors or providers (including external patent and trademark attorneys and local counsel and domain name providers) to act on behalf and at the instructions of the Transferee with respect to the Business Owned IP. The Transferor shall provide the Transferee with a list of all external advisors or providers involved in the management and administration of the Business Owned IP without undue delay after the Effective Date.
- 2.4 The Transferor shall deliver to the Transferee (or the Transferee's nominated representatives) as soon as practicable after the Effective Date all deeds, documents of title, certificates, opposition files, correspondence with intellectual property registries, and other files and records (including those of its agents) relating to the Business Owned IP, in each case on an "as they are" basis.
- 2.5 For Swiss VAT purposes, the notification procedure (*Meldeverfahren*) will be applied by both Parties and form 764 will be filed with the Federal Tax Authority.

### **3. Representations and Warranties**

- 3.1 The Transferor and the Transferee warrant, each individually, that they have the requisite corporate power to execute, deliver and perform, and have taken all necessary corporate or other action to authorise the execution, delivery and performance of this Agreement. This Agreement constitutes legal, valid and binding obligations of the Transferor and the Transferee enforceable in accordance with its terms.
- 3.2 To the extent legally permissible, the Parties acknowledge and agree that, except for the warranty given in clause 3.1 hereof, no representations and warranties are given in this Agreement by the Transferor in relation to the Business Owned IP and that all remedies that would otherwise be available to the Transferee under applicable law or otherwise are hereby excluded and waived.

### **4. Miscellaneous**

- 4.1 This Agreement sets out the whole agreement between the parties in respect of the subject matter of this Agreement and, in entering into this Agreement, no Party has relied on any statement, warranty or understanding other than those expressly set out in this Agreement. This Agreement supersedes any previous draft, agreement, arrangement or understanding between the Parties whether in writing or not, relating to its subject matter.

- 4.2 No Party may assign or transfer this agreement or any rights and obligations thereunder, in whole or in part, to any other party without the prior written consent of the other Party.
- 4.3 For the avoidance of doubt, in the event of a conflict between the provisions of this Agreement and the provisions of the SPA, the provisions of the SPA shall prevail and each Party shall procure that effect is given to the provisions of the SPA.
- 4.4 Any claims of the Transferee hereunder shall be subject to the limitations set out in paragraphs 4 and 10 to 19 (inclusive) of Schedule 5 (*Limitations on Liability*) to the SPA save that none of the limitations in Schedule 5 (*Limitations on Liability*) to the SPA shall apply to any claim which arises as a consequence of fraud or fraudulent misrepresentation.
- 4.5 No failure or delay by any Party in exercising any right or remedy provided by law or under this Agreement shall impair such right or remedy or operate or be construed as a waiver or variation of it or preclude it or its exercise at any subsequent time and no single or partial exercise of any such right or remedy shall preclude any further exercise of it or the exercise of any other remedy.
- 4.6 Each of the Transferor and the Transferee shall perform (or procure the performance of) all further acts and things, and execute and deliver (or procure the execution and delivery of) such further documents, as may be required by law or as may be necessary or reasonably required by the Transferee to implement and give effect to this Agreement.
- 4.7 This Agreement may be executed in any number of counterparts, and by each Party on separate counterparts. Each counterpart is an original, but all counterparts shall together constitute one and the same instrument. Delivery of a counterpart of this Agreement by e-mail attachment or telecopy shall be an effective mode of delivery.
- 4.8 No amendment of this Agreement (or of any of the documents referred to in this Agreement) shall be valid unless it is in writing and signed by or on behalf of each of the Parties to it.
- 4.9 Each of the provisions of the Agreement is severable. If any provision is held to be or becomes invalid or unenforceable in any respect under the laws of any jurisdiction it shall have no effect in that respect and the Parties shall use their reasonable endeavours to replace it by a valid and enforceable substitute provision the effect of which is as close to the intended effect as possible.
- 4.10 This Agreement and any non-contractual obligations arising out of or in connection with this Agreement shall be governed by, and interpreted in accordance with, laws of Switzerland. The courts of Zurich, Switzerland shall have exclusive jurisdiction in relation to all disputes (including claims for set-off and counterclaims) arising out of or in connection with this Agreement including disputes arising out of or in connection with: (i) the creation, validity, effect, interpretation, performance or non-performance of, or the legal relationships established by, this Agreement; and (ii) any non-contractual obligations arising out of or in connection with this Agreement.

**SIGNATURE**

This Agreement is signed by duly authorised representatives of the parties:

**SIGNED** )  
for and on behalf of )  
**ABB Schweiz AG** )  
SIGNATURE: *P. Cothip*  
NAME: *PENE COSTING*

**SIGNED** )  
for and on behalf of )  
**ABB Schweiz AG** )  
SIGNATURE: *O. Hellert*  
NAME: *OLIVER ADERHART*

**SIGNED** )  
for and on behalf of )  
**ABB HV CABLES (SWITZERLAND)** )  
**GMBH** )  
SIGNATURE: *Bobby Jacob*  
NAME: *BOBBY JACOB SWEDJEMARK*

**SIGNED** )  
for and on behalf of )  
**ABB HV CABLES (SWITZERLAND)** )  
**GMBH** )  
SIGNATURE: *O. Hellert*  
NAME: *OLIVER ADERHART*

Schedule 1A Business Owned IP

IP Contribution Agreement

Class Reference	Country	Status	Grant date	Grant member	Publication Number	Applicants (List)	English Title
CH-09-083	CN	Granted	20 Oct 2014	ZL2009112550025.2		ABB RESEARCH LTD	Flexible Vulcanized Cable Joint for Direct Current with Resistive Field Grader Material
CH-08-083	EP	Pending				ABB RESEARCH LTD	Flexible Vulcanized Cable Joint for Direct Current with Resistive Field Grader Material
CH-08-083	IN	Pending				ABB RESEARCH LTD	Flexible Vulcanized Cable Joint for Direct Current with Resistive Field Grader Material
CH-08-083	US	Granted				ABB RESEARCH LTD	Flexible Vulcanized Cable Joint for Direct Current with Resistive Field Grader Material
08039-GB-EPT	United Kingdom	Abd	12 Nov 13	8578632	1328373	SEABB	A method and a device for ensuring a satisfactory tensile strength when joining a submarine cable
09039-NO-PCT	Norway	Abd	24 Nov 2010	1325373	1325373	SEABB	A method and a device for ensuring a satisfactory tensile strength when joining a submarine cable
09039-NO-PCT	Norway	Abd	12 Mar 2014	334724		SEABB	A method and a device for ensuring a satisfactory tensile strength when joining a submarine cable
09039-SE-EP	Sweden	Abd	25 Feb 2006	0903924.2	519404	SEABB	A method of restoring armoring on a cable
09039-IT-EPT	Italy	Abd	06 Jul 2009	1330915	1320916	SEABB	A method of restoring armoring on a cable
09039-IT-EPT	Italy	Abd	10 Dec 2012	332680	1320916	SEABB	A method of restoring armoring on a cable
09039-NO-PCT	Norway	Abd	17 Dec 2011	0003153.4		SEABB	A method of restoring armoring on a cable
09039-SE-EP	Sweden	Abd	09 Jul 2009	1320915	1320915	SEABB	A method of restoring armoring on a cable
09113-IT-EPT	Italy	Abd	08 Jul 2009	2796485/2009	1320915	SEABB	A method of restoring armoring on a cable
09113-NO-PCT	Norway	Abd	08 Nov 2012	302659		SEABB	A method of restoring armoring on a cable
09113-SE-EP	Sweden	Abd	17 Dec 2001	0009152.6		SEABB	A method of restoring armoring on a cable
09657-CH-EPT	Switzerland	Abd	27 Feb 2013	2092537	2092537	ABB RESEARCH LTD	High Voltage Cable
09657-CH-EPT	China	Abd	24 Aug 2011	ZL200739040742.5	CN115368118A	ABB RESEARCH LTD	High Voltage Cable
09657-DE-EPT	Germany	Abd	27 Feb 2013	2092537	2092537	ABB RESEARCH LTD	High Voltage Cable
09657-DE-EPT	Denmark	Abd	27 Feb 2013	2092537	2092537	ABB RESEARCH LTD	High Voltage Cable
09657-FR-EPT	France	Abd	27 Feb 2013	2092537	2092537	ABB RESEARCH LTD	High Voltage Cable
09657-GB-EPT	United Kingdom	Abd	27 Feb 2013	2092537	2092537	ABB RESEARCH LTD	High Voltage Cable
09657-IT-EPT	India	Pending			214406LNP/2009	ABB RESEARCH LTD	High Voltage Cable
09657-IT-EPT	Italy	Abd	27 Feb 2013	2092537	2092537	ABB RESEARCH LTD	High Voltage Cable
09657-NL-EPT	Netherlands	Abd	27 Feb 2013	2092537	2092537	ABB RESEARCH LTD	High Voltage Cable
09657-SE-EP	Sweden	Abd	17 Feb 2009	551308	0602332.9	ABB RESEARCH LTD	High Voltage Cable
09657-US-PCT	United States Of America	Abd	29 Nov 2011	8,067,624 B2	US-2010-0078196-A1	ABB RESEARCH LTD	High Voltage Cable
09657-US-PCT	United States Of America	Abd	04 Mar 2010	US 7,709,731	US 200710389765	ABB RESEARCH LTD	High Voltage Cable
10124-GB-PCT	Brazil	Pending			PI072030053	ABB Technology Ltd	An electric power supply system and a method of production thereof
10124-GB-PCT	Germany	Abd	08 Dec 2010	2092536	2092536	ABB Technology Ltd	An electric power cable, an off-shore installation provided therewith, and use thereof
10124-GB-PCT	United Kingdom	Abd	08 Dec 2010	2092536	2092536	ABB Technology Ltd	An electric power cable, an off-shore installation provided therewith, and use thereof
10124-IN-EPT	India	Pending				ABB Technology Ltd	An electric power cable, an off-shore installation provided therewith, and use thereof
10124-IT-EPT	Italy	Abd	08 Dec 2010	2092536	2092536	ABB Technology Ltd	An electric power cable, an off-shore installation provided therewith, and use thereof
10124-MX-PCT	Mexico	Abd	15 Mar 2011	264762	MP/ra/2009/06386	ABB Technology Ltd	An electric power cable, an off-shore installation provided therewith, and use thereof
10124-US-EPT	Norway	Pending			US-2010-0025071-A1	ABB Technology Ltd	An electric power cable, an off-shore installation provided therewith, and use thereof
10183-GB-PCT	United States Of America	Abd	26 Aug 2014	8,816,206	US-2010-0025071-A1	ABB Technology AG	An electric power cable
10183-CN-PCT	Brazil	Pending			PI0811984-3	ABB Technology AG	An electric power cable
10183-DE-EPT	China	Abd	30 Nov 2011	ZL20098007746.3	CN101681697A	ABB Technology AG	An electric power cable
10183-FI-EPT	Germany	Abd	05 Aug 2015	2150960	2150960	ABB Technology AG	An electric power cable
10183-FR-EPT	Finland	Abd	05 Aug 2015	2150960	2150960	ABB Technology AG	An electric power cable
10183-GB-EPT	France	Abd	05 Aug 2015	2150960	2150960	ABB Technology AG	An electric power cable
10183-IN-PCT	United Kingdom	Abd	05 Aug 2015	2150960	2150960	ABB Technology AG	An electric power cable
10183-IT-EPT	India	Pending				ABB Technology AG	An electric power cable
10183-NO-EPT	Italy	Abd	05 Aug 2015	2150960	2150960	ABB Technology AG	An electric power cable
10183-NO-EPT	Norway	Abd	05 Aug 2015	2150960	2150960	ABB Technology AG	An electric power cable
10183-SE-EPT	Sweden	Abd	05 Aug 2015	2150960	2150960	ABB Technology AG	An electric power cable
10183-US-PCT	United States Of America	Abd	12 Mar 2015	6029704	US2015/0186986A1	ABB Technology AG	An electric power cable
10223-AU-PCT	Australia	Abd	17 Oct 2013	2006216039		ABB RESEARCH LTD	METHOD FOR PROVIDING AN INSULATED ELECTRIC HIGH VOLTAGE DC CABLE OR A HIGH VOLTAGE DC TERMINATION OR JOINT
10223-BE-EPA	Belgium	Abd	13 Oct 2010	2063774	2063774	ABB RESEARCH LTD	METHOD FOR PROVIDING AN INSULATED ELECTRIC HIGH VOLTAGE DC CABLE OR A HIGH VOLTAGE DC TERMINATION OR JOINT
10223-CH-EPA	Switzerland	Abd	13 Oct 2010	2063774	2063774	ABB RESEARCH LTD	METHOD FOR PROVIDING AN INSULATED ELECTRIC HIGH VOLTAGE DC CABLE OR A HIGH VOLTAGE DC TERMINATION OR JOINT

PATENT

Case Reference	Country	Status	Grant date	Grant Number	Publication Number	Applicants (List)	English Title
10223-CN-PCT	China	Granted	08 Nov 2015	ZL200860101780.9	CN10191213A	ABB RESEARCH LTD	METHOD FOR PROVIDING AN INSULATED ELECTRIC HIGH VOLTAGE DC CABLE OR A HIGH VOLTAGE DC TERMINATION OR JOINT
10223-DE-EPA	Germany	Granted	13 Oct 2010	2093774	2093774	ABB RESEARCH LTD	METHOD FOR PROVIDING AN INSULATED ELECTRIC HIGH VOLTAGE DC CABLE OR A HIGH VOLTAGE DC TERMINATION OR JOINT
10223-ES-EPA	Spain	Granted	13 Oct 2010	2093774	2093774	ABB RESEARCH LTD	METHOD FOR PROVIDING AN INSULATED ELECTRIC HIGH VOLTAGE DC CABLE OR A HIGH VOLTAGE DC TERMINATION OR JOINT
10223-FI-EPA	Finland	Granted	13 Oct 2010	2093774	2093774	ABB RESEARCH LTD	METHOD FOR PROVIDING AN INSULATED ELECTRIC HIGH VOLTAGE DC CABLE OR A HIGH VOLTAGE DC TERMINATION OR JOINT
10223-FR-EPA	France	Granted	13 Oct 2010	2093774	2093774	ABB RESEARCH LTD	METHOD FOR PROVIDING AN INSULATED ELECTRIC HIGH VOLTAGE DC CABLE OR A HIGH VOLTAGE DC TERMINATION OR JOINT
10223-GB-EPA	United Kingdom	Granted	13 Oct 2010	2093774	2093774	ABB RESEARCH LTD	METHOD FOR PROVIDING AN INSULATED ELECTRIC HIGH VOLTAGE DC CABLE OR A HIGH VOLTAGE DC TERMINATION OR JOINT
10223-IN-PCT	India	Pending				ABB RESEARCH LTD	METHOD FOR PROVIDING AN INSULATED ELECTRIC HIGH VOLTAGE DC CABLE OR A HIGH VOLTAGE DC TERMINATION OR JOINT
10223-IT-EPA	Italy	Granted	13 Oct 2010	2093774	2093774	ABB RESEARCH LTD	METHOD FOR PROVIDING AN INSULATED ELECTRIC HIGH VOLTAGE DC CABLE OR A HIGH VOLTAGE DC TERMINATION OR JOINT
10223-NL-EPA	Netherlands	Granted	13 Oct 2010	2093774	2093774	ABB RESEARCH LTD	METHOD FOR PROVIDING AN INSULATED ELECTRIC HIGH VOLTAGE DC CABLE OR A HIGH VOLTAGE DC TERMINATION OR JOINT
10223-NO-EPA	Norway	Granted	13 Oct 2010	2093774	2093774	ABB RESEARCH LTD	METHOD FOR PROVIDING AN INSULATED ELECTRIC HIGH VOLTAGE DC CABLE OR A HIGH VOLTAGE DC TERMINATION OR JOINT
10223-RU-PCT	Russian Federation	Granted	10 Mar 2013	2477539		ABB RESEARCH LTD	METHOD FOR PROVIDING AN INSULATED ELECTRIC HIGH VOLTAGE DC CABLE OR A HIGH VOLTAGE DC TERMINATION OR JOINT
10223-SE-EPA	Sweden	Granted	13 Oct 2010	2093774	2093774	ABB RESEARCH LTD	METHOD FOR PROVIDING AN INSULATED ELECTRIC HIGH VOLTAGE DC CABLE OR A HIGH VOLTAGE DC TERMINATION OR JOINT
10223-US-PCT	United States Of America	Granted	19 Mar 2013	US 8,348,803		ABB RESEARCH LTD	METHOD FOR PROVIDING AN INSULATED ELECTRIC HIGH VOLTAGE DC CABLE OR A HIGH VOLTAGE DC TERMINATION OR JOINT
1034-EP-EPT	European Procedure (Patents)	Pending			2332228	ABB RESEARCH LTD	An arrangement for interconnecting two distant locations and a method for transmitting electric power
10384-CH-EPA	Switzerland	Granted	06 Jun 2012	2113978	2113978	ABB Technology Ltd	A protective casing for a high voltage cable
10384-CN-PCT	China	Granted	05 Jun 2013	ZL200510137482.6	CN101572399A	ABB Technology Ltd	A protective casing for a high voltage cable
10384-DE-EPA	Germany	Granted	06 Jun 2012	2113978	2113978	ABB Technology Ltd	A protective casing for a high voltage cable
10384-DK-EPA	Denmark	Granted	06 Jun 2012	2113978	2113978	ABB Technology Ltd	A protective casing for a high voltage cable
10384-FR-EPA	France	Granted	06 Jun 2012	2113978	2113978	ABB Technology Ltd	A protective casing for a high voltage cable
10384-GB-EPA	United Kingdom	Granted	06 Jun 2012	2113978	2113978	ABB Technology Ltd	A protective casing for a high voltage cable
10384-IN-PCT	India	Pending				ABB Technology Ltd	A protective casing for a high voltage cable
10384-IT-EPA	Italy	Granted	06 Jun 2012	2113978	2113978	ABB Technology Ltd	A protective casing for a high voltage cable
10384-NL-EPA	Netherlands	Granted	06 Jun 2012	2113978	2113978	ABB Technology Ltd	A protective casing for a high voltage cable
10384-NO-EPA	Norway	Granted	06 Jun 2012	2113978	2113978	ABB Technology Ltd	A protective casing for a high voltage cable
10384-SE-EPA	Sweden	Granted	06 Jun 2012	2113978	2113978	ABB Technology Ltd	A protective casing for a high voltage cable
10384-US-PCT	United States Of America	Granted	17 Jul 2012	9,222,354	US-2009-0272561-A1	ABB Technology Ltd	A protective casing for a high voltage cable
10554-AU-PCT	Australia	Granted	20 Aug 2016	2008365379		ABB Technology AG	A DC cable for high voltages
10554-CA-PCT	Canada	Granted	18 Feb 2016	2,746,439		ABB Technology AG	A DC cable for high voltages
10554-CN-PCT	China	Granted	10 Dec 2014	ZL200880132401.3	CN102297578	ABB Technology AG	A DC cable for high voltages
10554-DE-EPT	Germany	Granted	25 Feb 2015	2380177	2380177	ABB Technology AG	A DC cable for high voltages
10554-FR-EPT	France	Granted	25 Feb 2015	2380177	2380177	ABB Technology AG	A DC cable for high voltages
10554-GB-EPT	United Kingdom	Granted	25 Feb 2015	2380177	2380177	ABB Technology AG	A DC cable for high voltages
10554-IN-PCT	India	Pending			501650-HENP/2011 A	ABB Technology AG	A DC cable for high voltages
10554-IT-EPT	Italy	Granted	25 Feb 2015	2380177	2380177	ABB Technology AG	A DC cable for high voltages
10554-JP-PCT	Japan	Granted	15 Mar 2015	5746142	2015-512511	ABB Technology AG	A DC cable for high voltages
10554-NL-EPT	Netherlands	Granted	25 Feb 2015	2380177	2380177	ABB Technology AG	A DC cable for high voltages
10554-NO-EPT	Norway	Granted	25 Feb 2015	2380177	2380177	ABB Technology AG	A DC cable for high voltages
10554-SE-EPT	Sweden	Granted	25 Feb 2015	2380177	2380177	ABB Technology AG	A DC cable for high voltages
10554-US-PCT	United States Of America	Granted	14 Jan 2014	8,629,381	US-2011-0279041-A1	ABB Technology AG	A DC cable for high voltages
10568-BR-PCT	Brazil	Pending			PI0818019-S	ABB Technology AG	Cable joint for optical fibre composite electric power cable
10568-CN-PCT	China	Granted	04 Mar 2015	ZL200860132633.3	CN102132186	ABB Technology AG	Cable joint for optical fibre composite electric power cable
10568-EP-EPT	European Procedure (Patents)	Pending			2321605	ABB Technology AG	Cable joint for optical fibre composite electric power cable

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10668-IN-PCT	India	Pending	18 Mar 2014	8,676,020	1057/CHENP/2011	ABB Technology AG	Cable joint for optical fibre composite electric power cable
10669-US-PCT	United States Of America	Granted	23 Sep 2015	ZL2010800276823	US-2012-003192B-A1	ABB Technology AG	Cable joint for optical fibre composite electric power cable
10670-CN-PCT	China	Granted	23 Sep 2015	ZL2010800276823	CN 102474090A	ABB Technology AG	A JOINT FOR A SUBMARINE CABLE
10671-DE-PCT	Germany	Granted	15 Oct 2014	2449641	2449641	ABB Technology AG	A JOINT FOR A SUBMARINE CABLE
10672-FI-PCT	Finland	Granted	15 Oct 2014	2449641	2449641	ABB Technology AG	A JOINT FOR A SUBMARINE CABLE
10673-FR-PCT	France	Granted	15 Oct 2014	2449641	2449641	ABB Technology AG	A JOINT FOR A SUBMARINE CABLE
10674-GB-PCT	United Kingdom	Granted	15 Oct 2014	2449641	2449641	ABB Technology AG	A JOINT FOR A SUBMARINE CABLE
10675-IT-PCT	Italy	Granted	15 Oct 2014	2449641	2449641	ABB Technology AG	A JOINT FOR A SUBMARINE CABLE
10676-NO-PCT	Norway	Granted	15 Oct 2014	2449641	2449641	ABB Technology AG	A JOINT FOR A SUBMARINE CABLE
10677-SE-PCT	Sweden	Granted	15 Oct 2014	2449641	2449641	ABB Technology AG	A JOINT FOR A SUBMARINE CABLE
10678-US-PCT	United States Of America	Granted	15 Aug 2015	8,507,785	US-2012-016744B-A1	ABB Technology AG	A JOINT FOR A SUBMARINE CABLE
10679-CA-PCT	Canada	Grant	05 Jul 2016	2,799,592		ABB RESEARCH LTD	A HIGH VOLTAGE DIRECT CURRENT CABLE TERMINATION APPARATUS
10680-CN-PCT	China	Granted	17 Feb 2016	21201080069196	CN 102909854A	ABB RESEARCH LTD	A HIGH VOLTAGE DIRECT CURRENT CABLE TERMINATION APPARATUS
10681-DE-PCT	Germany	Granted	25 Mar 2015	2572424	2572424	ABB RESEARCH LTD	A HIGH VOLTAGE DIRECT CURRENT CABLE TERMINATION APPARATUS
10682-FR-PCT	France	Granted	25 Mar 2015	2572424	2572424	ABB RESEARCH LTD	A HIGH VOLTAGE DIRECT CURRENT CABLE TERMINATION APPARATUS
10683-GB-PCT	United Kingdom	Granted	25 Mar 2015	2572424	2572424	ABB RESEARCH LTD	A HIGH VOLTAGE DIRECT CURRENT CABLE TERMINATION APPARATUS
10684-IT-PCT	Italy	Granted	25 Mar 2015	2572424	2572424	ABB RESEARCH LTD	A HIGH VOLTAGE DIRECT CURRENT CABLE TERMINATION APPARATUS
10685-NL-PCT	Netherlands	Granted	25 Mar 2015	2572424	2572424	ABB RESEARCH LTD	A HIGH VOLTAGE DIRECT CURRENT CABLE TERMINATION APPARATUS
10686-NO-PCT	Norway	Granted	25 Mar 2015	2572424	2572424	ABB RESEARCH LTD	A HIGH VOLTAGE DIRECT CURRENT CABLE TERMINATION APPARATUS
10687-SE-PCT	Sweden	Granted	25 Mar 2015	2572424	2572424	ABB RESEARCH LTD	A HIGH VOLTAGE DIRECT CURRENT CABLE TERMINATION APPARATUS
10688-US-PCT	United States Of America	Granted	17 Dec 2013	8,619,587	US-2013-006194-A1	ABB Research Ltd	A HIGH VOLTAGE DIRECT CURRENT CABLE TERMINATION APPARATUS
CH-14302-WO-PCT	International Procedure	Publication of application			2016/101686	ABB Technology AG	Composite Formulations for DC Insulation
SE-10659-CA-PCT	Canada	Grant	10 Jul 2016	2,799,584		ABB RESEARCH LTD	A HIGH VOLTAGE DIRECT CURRENT CABLE TERMINATION APPARATUS
SE-10659-CN-PCT	China	Granted	23 Sep 2015	ZL2010600669190	CN 102909855 A	ABB RESEARCH LTD	A HIGH VOLTAGE DIRECT CURRENT CABLE TERMINATION APPARATUS
SE-10659-EP-PCT	European Procedure (Patents)	Pending			2572423	ABB RESEARCH LTD	A HIGH VOLTAGE DIRECT CURRENT CABLE TERMINATION APPARATUS
SE-10659-US-PCT	United States Of America	Granted	03 Sep 2013	8,526,025	US-2013-007883B-A1	ABB RESEARCH LTD	A HIGH VOLTAGE DIRECT CURRENT CABLE TERMINATION APPARATUS
SE-10659-CA-PCT	Canada	Grant	05 Jul 2016	2,799,501		ABB RESEARCH LTD	A HIGH VOLTAGE DIRECT CURRENT CABLE TERMINATION APPARATUS
SE-10659-CN-PCT	China	Granted	18 Apr 2016	ZL2010600669218	CN 102909893 A	ABB RESEARCH LTD	A HIGH VOLTAGE DIRECT CURRENT CABLE TERMINATION APPARATUS
SE-10659-EP-PCT	European Procedure (Patents)	Pending			2572421	ABB RESEARCH LTD	A HIGH VOLTAGE DIRECT CURRENT CABLE TERMINATION APPARATUS
SE-10659-US-PCT	United States Of America	Granted	09 Feb 2015	9,346,852	US-2013-007912A-A1	ABB RESEARCH LTD	A HIGH VOLTAGE DIRECT CURRENT CABLE TERMINATION APPARATUS
SE-10659-CA-PCT	Canada	Pending				ABB RESEARCH LTD	A HIGH VOLTAGE DIRECT CURRENT CABLE TERMINATION APPARATUS
SE-10659-CN-PCT	China	Grant	06 Jul 2016	ZL2010600669203	CN 102909895	ABB RESEARCH LTD	A HIGH VOLTAGE DIRECT CURRENT CABLE TERMINATION APPARATUS
SE-10659-EP-PCT	European Procedure (Patents)	Pending			2572422	ABB RESEARCH LTD	A HIGH VOLTAGE DIRECT CURRENT CABLE TERMINATION APPARATUS
SE-10680-US-PCT	United States Of America	Granted	17 Jun 2014	8,754,329	US-2013-008181-A1	ABB RESEARCH LTD	A HIGH VOLTAGE DIRECT CURRENT CABLE TERMINATION APPARATUS
SE-10680-DE-PCT	Germany	Granted	31 Dec 2014	2559124	2559124	ABB Technology AG	DEVICE AND METHOD FOR MACHINING AN ELECTRICAL CABLE
SE-10680-FI-PCT	Finland	Granted	31 Dec 2014	2559124	2559124	ABB Technology AG	DEVICE AND METHOD FOR MACHINING AN ELECTRICAL CABLE
SE-10680-FR-PCT	France	Granted	31 Dec 2014	2559124	2559124	ABB Technology AG	DEVICE AND METHOD FOR MACHINING AN ELECTRICAL CABLE
SE-10680-GB-PCT	United Kingdom	Granted	31 Dec 2014	2559124	2559124	ABB Technology AG	DEVICE AND METHOD FOR MACHINING AN ELECTRICAL CABLE
SE-10680-IT-PCT	Italy	Granted	31 Dec 2014	2559124	2559124	ABB Technology AG	DEVICE AND METHOD FOR MACHINING AN ELECTRICAL CABLE
SE-10680-NO-PCT	Norway	Granted	31 Dec 2014	2559124	2559124	ABB Technology AG	DEVICE AND METHOD FOR MACHINING AN ELECTRICAL CABLE
SE-10680-SE-PCT	Sweden	Granted	31 Dec 2014	2559124	2559124	ABB Technology AG	DEVICE AND METHOD FOR MACHINING AN ELECTRICAL CABLE
SE-10680-US-PCT	United States Of America	Granted	31 Dec 2014	8,632,084	US-2013-003307-A1	ABB Technology AG	DEVICE AND METHOD FOR MACHINING AN ELECTRICAL CABLE
SE-10681-CA-PCT	Canada	Granted	26 Aug 2015	2,821,796		ABB Technology AG	High voltage electric cable
SE-10681-CN-PCT	China	Granted	01 Jul 2016	ZL201080070677.2	CN 103262117A	ABB Technology AG	High voltage electric cable
SE-10681-EP-PCT	France	Granted	25 Feb 2015	2652754	2652754	ABB Technology AG	High voltage electric cable
SE-10681-FR-PCT	France	Granted	25 Feb 2015	2652754	2652754	ABB Technology AG	High voltage electric cable
SE-10681-GB-PCT	United Kingdom	Granted	25 Feb 2015	2652754	2652754	ABB Technology AG	High voltage electric cable
SE-10681-US-PCT	United States Of America	Granted	09 Jan 2014	8,847,059	US-2013-028996B	ABB RESEARCH LTD	A thickness controlled laminated insulation layer for a direct current (DC) transmission system
SE-11244-CA-PCT	Canada	Granted	05 Apr 2016	2,985,751		ABB RESEARCH LTD	A thickness controlled laminated insulation layer for a direct current (DC) transmission system
SE-11244-CN-PCT	China	Pending			2011800705591	ABB RESEARCH LTD	A thickness controlled laminated insulation layer for a direct current (DC) transmission system
SE-11244-EP-PCT	India	Pending			4677/GHENP/2014 A	ABB RESEARCH LTD	A thickness controlled laminated insulation layer for a direct current (DC) transmission system
SE-11244-IN-PCT	India	Grant	18 Nov 2015	2783373	2783373	ABB RESEARCH LTD	A thickness controlled laminated insulation layer for a direct current (DC) transmission system
SE-11244-NO-PCT	Norway	Grant	19 Nov 2015	2783373	2783373	ABB RESEARCH LTD	A thickness controlled laminated insulation layer for a direct current (DC) transmission system

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SE-11244-SE-EPT	Sweden	Granted	18 Nov 2015	2753373	2753373	ABB RESEARCH LTD	A thickness controlled laminated insulation layer for a direct current (DC) transmission system
SE-11245-US-PCT	United States Of America	Granted	06 Sep 2015	9,129,721	US-2014-0251654-A1	ABB RESEARCH LTD	A thickness controlled laminated insulation layer for a direct current (DC) transmission system
SE-11271-CN-PCT	China	Pending			CN10422684A	ABB Technology Ltd	Method for determining an electrical property of cable insulation
SE-11271-EP-EPT	European Procedure (Patents)	Pending			2831606	ABB Technology Ltd	Method for determining an electrical property of cable insulation
SE-11271-IN-PCT	India	Pending				ABB Technology Ltd	Method for determining an electrical property of cable insulation
SE-11271-US-PCT	United States Of America	Granted	01 Nov 2016	9,492,715	US-2015-0015273-A1	ABB Technology Ltd	Method for determining an electrical property of cable insulation
SE-11288-CA-PCT	Canada	Granted	26 Jan 2016	2,659,255		ABB Technology Ltd	Method for determining an electrical property of cable insulation
SE-11288-CN-PCT	China	Pending			CN104149388 A	ABB Technology Ltd	A joint including two sections of a power cable and a method for joining two sections of a power cable
SE-11288-DE-EPT	Germany	Granted	03 Feb 2016	2820732	2820732	ABB Technology Ltd	A joint including two sections of a power cable and a method for joining two sections of a power cable
SE-11288-FI-EPT	Finland	Granted	03 Feb 2016	2820732	2820732	ABB Technology Ltd	A joint including two sections of a power cable and a method for joining two sections of a power cable
SE-11288-FR-EPT	France	Granted	03 Feb 2016	2820732	2820732	ABB Technology Ltd	A joint including two sections of a power cable and a method for joining two sections of a power cable
SE-11288-GB-EPT	United Kingdom	Granted	03 Feb 2016	2820732	2820732	ABB Technology Ltd	A joint including two sections of a power cable and a method for joining two sections of a power cable
SE-11288-IN-PCT	India	Pending				ABB Technology Ltd	A joint including two sections of a power cable and a method for joining two sections of a power cable
SE-11288-IT-EPT	Italy	Granted	03 Feb 2016	2820732	2820732	ABB Technology Ltd	A joint including two sections of a power cable and a method for joining two sections of a power cable
SE-11288-NL-EPT	Netherlands	Granted	03 Feb 2016	2820732	2820732	ABB Technology Ltd	A joint including two sections of a power cable and a method for joining two sections of a power cable
SE-11288-NO-EPT	Norway	Granted	03 Feb 2016	2820732	2820732	ABB Technology Ltd	A joint including two sections of a power cable and a method for joining two sections of a power cable
SE-11288-SE-EPT	Sweden	Granted	03 Feb 2016	2820732	2820732	ABB Technology Ltd	A joint including two sections of a power cable and a method for joining two sections of a power cable
SE-11288-US-PCT	United States Of America	Granted	15 Sep 2015	9,135,940	US-2014-0597194-A1	ABB Technology Ltd	A joint including two sections of a power cable and a method for joining two sections of a power cable
SE-11343-EP-EPT	European Procedure (Patents)	Pending				ABB Technology Ltd	AN APPARATUS AND A METHOD FOR JOINING A FIRST AND A SECOND OPTICAL FIBRE OF A COMPOSITE CABLE
SE-11343-CA-PCT	Canada	Granted	28 Mar 2016	2,877,305		ABB Technology Ltd	AN APPARATUS AND A METHOD FOR JOINING A FIRST AND A SECOND OPTICAL FIBRE OF A COMPOSITE CABLE
SE-11343-CN-PCT	China	Granted	17 Aug 2016	ZL201280079869	CN104650407A	ABB Technology Ltd	AN APPARATUS AND A METHOD FOR JOINING A FIRST AND A SECOND OPTICAL FIBRE OF A COMPOSITE CABLE
SE-11343-EP-EPT	European Procedure (Patents)	Pending			2864829	ABB Technology Ltd	AN APPARATUS AND A METHOD FOR JOINING A FIRST AND A SECOND OPTICAL FIBRE OF A COMPOSITE CABLE
SE-11343-IN-PCT	India	Pending				ABB Technology Ltd	AN APPARATUS AND A METHOD FOR JOINING A FIRST AND A SECOND OPTICAL FIBRE OF A COMPOSITE CABLE
SE-11343-JP-PCT	Japan	Granted	04 Dec 2015	5847359	2015-021755	ABB Technology Ltd	AN APPARATUS AND A METHOD FOR JOINING A FIRST AND A SECOND OPTICAL FIBRE OF A COMPOSITE CABLE
SE-11343-KR-PCT	South Korea / RePending of	Granted	10 Jun 2015	1529456		ABB Technology Ltd	AN APPARATUS AND A METHOD FOR JOINING A FIRST AND A SECOND OPTICAL FIBRE OF A COMPOSITE CABLE
SE-11343-US-PCT	United States Of America	Granted	20 Oct 2015	9,164,252	US-2015-0125116-A1	ABB Technology Ltd	AN APPARATUS AND A METHOD FOR JOINING A FIRST AND A SECOND OPTICAL FIBRE OF A COMPOSITE CABLE
SE-11386-AU-PCT	Australia	Granted	11 Feb 2016	2012895956		ABB Technology Ltd	A METHOD AND AN APPARATUS FOR HEAT TREATMENT OF AN ELECTRIC POWER CABLE
SE-11386-CA-PCT	Canada	Granted	02 Feb 2016	2,892,875		ABB Technology Ltd	A METHOD AND AN APPARATUS FOR HEAT TREATMENT OF AN ELECTRIC POWER CABLE
SE-11386-CN-PCT	China	Granted	19 Oct 2016	ZL20128007639.9	1049653056	ABB Technology Ltd	A METHOD AND AN APPARATUS FOR HEAT TREATMENT OF AN ELECTRIC POWER CABLE
SE-11386-EP-EPT	European Procedure (Patents)	Expired/Grant	29 Nov 2016	2432511	3932511	ABB Technology Ltd	A METHOD AND AN APPARATUS FOR HEAT TREATMENT OF AN ELECTRIC POWER CABLE
SE-11386-DE-EPT	Germany	Granted	30 Nov 2016	2932511	2932511	ABB Schweiz AG	Heat treatment Extruded DC cables
SE-11386-FI-EPT	Finland	Granted	30 Nov 2016	2932511	2932511	ABB Schweiz AG	Heat treatment Extruded DC cables
SE-11386-FR-EPT	France	Granted	30 Nov 2016	2932511	2932511	ABB Schweiz AG	Heat treatment Extruded DC cables
SE-11386-GB-EPT	United Kingdom	Granted	30 Nov 2016	2932511	2932511	ABB Schweiz AG	Heat treatment Extruded DC cables
SE-11386-GR-EPT	Greece	Granted	30 Nov 2016	2932511	2932511	ABB Schweiz AG	Heat treatment Extruded DC cables
SE-11386-IT-EPT	Italy	Granted	30 Nov 2016	2932511	2932511	ABB Schweiz AG	Heat treatment Extruded DC cables
SE-11386-JP-EPT	Japan	Granted	30 Nov 2016	2932511	2932511	ABB Schweiz AG	Heat treatment Extruded DC cables
SE-11386-KR-PCT	South Korea / RePending of	Abd	30 Nov 2016	2932511	2932511	ABB Schweiz AG	Heat treatment Extruded DC cables
SE-11386-US-PCT	United States Of America	Granted	28 Jan 2016	1591638	2016-503842	ABB Technology Ltd	A METHOD AND AN APPARATUS FOR HEAT TREATMENT OF AN ELECTRIC POWER CABLE
SE-11395-US-PCT	United States Of America	Pending			US-2015-0332015-A1	ABB Technology Ltd	A METHOD AND AN APPARATUS FOR HEAT TREATMENT OF AN ELECTRIC POWER CABLE
SE-11392-CN-PCT	China	Granted	18 Aug 2015	2,834,639		ABB RESEARCH LTD	A radial water barrier and a dynamic high voltage submarine cable for deep water applications
SE-11392-CN-PCT	China	Granted	15 Jun 2015	ZL201280079805.1	104737241	ABB RESEARCH LTD	A radial water barrier and a dynamic high voltage submarine cable for deep water applications

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Case Reference	Country	European Procedures (Patents)	Status	Grant date	Grant Number	Publication Number	Applicants (List)	English Title
SE-11392-EP-EPT	European Procedures	(Patents)	Expired/Grant	06 Nov 2016	2895953	2896053	ABB RESEARCH LTD	A radial water barrier and a dynamic high voltage submarine cable for deep water applications
SE-11392-DE-EPT	Germany		Grant	03 Nov 2016	2895953	2896053	ABB RESEARCH LTD	Deeply Corrugated Water Barrier
SE-11392-IT-EPT	Italy		Grant	03 Nov 2016	2895953	2896053	ABB RESEARCH LTD	Deeply Corrugated Water Barrier
SE-11392-ES-EPT	Spain		Grant	03 Nov 2016	2895953	2896053	ABB RESEARCH LTD	Deeply Corrugated Water Barrier
SE-11392-PT-EPT	Portugal		Grant	03 Nov 2016	2895953	2896053	ABB RESEARCH LTD	Deeply Corrugated Water Barrier
SE-11392-GR-EPT	Greece		Grant	03 Nov 2016	2895953	2896053	ABB RESEARCH LTD	Deeply Corrugated Water Barrier
SE-11392-NO-EPT	Norway		Grant	03 Nov 2016	2895953	2896053	ABB RESEARCH LTD	Deeply Corrugated Water Barrier
SE-11392-FI-EPT	Finland		Grant	03 Nov 2016	2895953	2896053	ABB RESEARCH LTD	Deeply Corrugated Water Barrier
SE-11392-SI-EPT	Slovenia		Grant	03 Nov 2016	2895953	2896053	ABB RESEARCH LTD	Deeply Corrugated Water Barrier
SE-11392-PL-EPT	Poland		Grant	03 Nov 2016	2895953	2896053	ABB RESEARCH LTD	Deeply Corrugated Water Barrier
SE-11392-US-PCT	United States Of America		Granted	27 Oct 2016	9,171,659	US-2015-0248957-A1	ABB RESEARCH LTD	A radial water barrier and a dynamic high voltage submarine cable for deep water applications
SE-11344-EP-EPT	European Procedure (Patents)		Expired/Grant	14 Sep 2016	2920239	2920239	ABB RESEARCH LTD	A radial water barrier and a dynamic high voltage submarine cable for deep water applications
SE-11444-DE-EPT	Germany		Grant	14 Sep 2016	63,3012,988.7	2920239	ABB RESEARCH LTD	CHEMICALLY CROSS-LINKED POLYETHYLENE USED FOR ELECTRICAL INSULATION
SE-11444-FR-EPT	France		Grant	14 Sep 2016	93,002,939	2920239	ABB RESEARCH LTD	Chemically cross-linked polyethylene free of polar by-products used for electrical insulation
SE-11444-GB-EPT	United Kingdom		Grant	14 Sep 2016	93,002,939	2920239	ABB RESEARCH LTD	Chemically cross-linked polyethylene free of polar by-products used for electrical insulation
SE-11481-AU-PCT	Australia		Grant	29 Jul 2016	2013375427		ABB Technology Ltd	METHOD IN THE MANUFACTURING OF AN INSULATED ELECTRIC HIGH VOLTAGE DC TERMINATION OR JOINT
SE-11481-CA-PCT	Canada		Pending				ABB Technology Ltd	METHOD IN THE MANUFACTURING OF AN INSULATED ELECTRIC HIGH VOLTAGE DC TERMINATION OR JOINT
SE-11481-CN-PCT	China		Pending			105247930	ABB Technology Ltd	METHOD IN THE MANUFACTURING OF AN INSULATED ELECTRIC HIGH VOLTAGE DC TERMINATION OR JOINT
SE-11481-EP-EPT	European Procedure (Patents)		Pending			2951842	ABB Technology Ltd	METHOD IN THE MANUFACTURING OF AN INSULATED ELECTRIC HIGH VOLTAGE DC TERMINATION OR JOINT
SE-11481-IN-PCT	India		Pending				ABB Technology Ltd	METHOD IN THE MANUFACTURING OF AN INSULATED ELECTRIC HIGH VOLTAGE DC TERMINATION OR JOINT
SE-11481-JP-PCT	Japan		Pending				ABB Technology Ltd	METHOD IN THE MANUFACTURING OF AN INSULATED ELECTRIC HIGH VOLTAGE DC TERMINATION OR JOINT
SE-11481-KR-PCT	South Korea / RePending of Korea		Pending				ABB Technology Ltd	METHOD IN THE MANUFACTURING OF AN INSULATED ELECTRIC HIGH VOLTAGE DC TERMINATION OR JOINT
SE-11481-US-PCT	United States Of America		Pending			US-2016-0318676-A1	ABB Technology Ltd	METHOD IN THE MANUFACTURING OF AN INSULATED ELECTRIC HIGH VOLTAGE DC TERMINATION OR JOINT
SE-11532-CN-PCT	China		Pending			10553773	ABB Technology Ltd	MIXED SOLID INSULATION MATERIAL FOR A TRANSMISSION SYSTEM
SE-11532-EP-EPT	European Procedure (Patents)		To be Grant	13 Dec 2016	2481976	2481976	ABB Technology Ltd	MIXED SOLID INSULATION MATERIAL FOR A TRANSMISSION SYSTEM
SE-11532-GB-EPT	United Kingdom		To be Grant	14 Dec 2016	2481976	2481976	ABB Schweiz AG	MIXED SOLID INSULATION MATERIAL FOR A TRANSMISSION SYSTEM
SE-11532-IT-EPT	Italy		To be Grant	15 Dec 2016	2481976	2481976	ABB Schweiz AG	Mixed Solid Insulation for Advanced HV DC Cables
SE-11532-NO-EPT	Norway		To be Grant	15 Dec 2016	2481976	2481976	ABB Schweiz AG	Mixed Solid Insulation for Advanced HV DC Cables
SE-11532-SE-EPT	Sweden		To be Grant	17 Dec 2016	2481976	2481976	ABB Schweiz AG	Mixed Solid Insulation for Advanced HV DC Cables
SE-11532-IN-PCT	India		Pending				ABB Technology Ltd	MIXED SOLID INSULATION MATERIAL FOR A TRANSMISSION SYSTEM
SE-11532-JP-PCT	Japan		Abd				ABB Technology Ltd	MIXED SOLID INSULATION MATERIAL FOR A TRANSMISSION SYSTEM
SE-11532-KR-PCT	South Korea / RePending of Korea		Granted	08 Mar 2016	1803979		ABB Technology Ltd	MIXED SOLID INSULATION MATERIAL FOR A TRANSMISSION SYSTEM
SE-11532-US-PCT	United States Of America		Pending			US-2014-034927-A1	ABB Technology Ltd	MIXED SOLID INSULATION MATERIAL FOR A TRANSMISSION SYSTEM
SE-11801-EP-EPT	European Procedure (Patents)		Pending			3053390	ABB Technology Ltd	THERMOPLASTIC BLEND FORMULATIONS FOR CABLE INSULATIONS
SE-11802-CN-PCT	China		Pending			105412205	ABB Technology Ltd	THERMOPLASTIC BLEND FORMULATIONS FOR CABLE INSULATIONS
SE-11802-EP-EPT	European Procedure (Patents)		Pending			3053391	ABB Technology Ltd	THERMOPLASTIC BLEND FORMULATIONS FOR CABLE INSULATIONS
SE-11802-IN-PCT	India		Pending				ABB Technology Ltd	THERMOPLASTIC BLEND FORMULATIONS FOR CABLE INSULATIONS
SE-11802-JP-PCT	Japan		Pending				ABB Technology Ltd	THERMOPLASTIC BLEND FORMULATIONS FOR CABLE INSULATIONS
SE-11802-KR-PCT	South Korea / RePending of Korea		Pending				ABB Technology Ltd	THERMOPLASTIC BLEND FORMULATIONS FOR CABLE INSULATIONS
SE-11802-US-PCT	United States Of America		Pending			WO2016/022007	ABB Technology Ltd	THERMOPLASTIC BLEND FORMULATIONS FOR CABLE INSULATIONS
SE-11802-WO-PCT	International Procedure		Pending			105474063	ABB Technology Ltd	A POWER CABLE ASSEMBLY DEVICE AND A POWER CABLE PROVIDED WITH SUCH A DEVICE
SE-11804-CN-PCT	China		Pending				ABB Technology Ltd	

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Case Reference	Country	Status	Grant date	Grant Number	Publication Number	Applicants (L. No)	English Title
SE-11604-EP-EPT	European Procedure (Patents)	Pending		3011374		ABB Technology Ltd	A POWER CABLE ASSEMBLY DEVICE AND A POWER CABLE PROVIDED WITH SUCH A DEVICE
SE-11604-US-PCT	United States Of America	Grant	22 Nov 2016	9,302,457	US-2016-0111485-A1	ABB Technology Ltd	A POWER CABLE ASSEMBLY DEVICE AND A POWER CABLE PROVIDED WITH SUCH A DEVICE
SE-11611-CN-PCT	China	Pending			105450924	ABB Technology Ltd	A TOOL FOR OPENING AN EXTRUDED PROFILED BODY OF A POWER CORD ASSEMBLY DEVICE
SE-11611-EP-EPT	European Procedure (Patents)	Pending			3011376	ABB Technology Ltd	A TOOL FOR OPENING AN EXTRUDED PROFILED BODY OF A POWER CORD ASSEMBLY DEVICE
SE-11611-US-PCT	United States Of America	Grant	24 Mar 2016	9,345,107	US-2016-0065049-A1	ABB Technology Ltd	AN ELECTRICAL HV TRANSMISSION POWER CABLE
SE-11619-CN-PCT[2]	China	Pending				ABB Technology Ltd	AN ELECTRICAL HV TRANSMISSION POWER CABLE
SE-11619-EP-EPT[2]	European Procedure (Patents)	Pending				ABB Technology Ltd	AN ELECTRICAL HV TRANSMISSION POWER CABLE
SE-11619-US-PCT[3]	United States Of America	Pending				ABB Technology Ltd	AN ELECTRICAL HV TRANSMISSION POWER CABLE
SE-11619-WO-PC[2]	International Procedure	Expiry			WO2015/093543	ABB Technology Ltd	A power cable assembly device and a power cable provided with such a device
SE-11619-CN-PCT	China	Pending				ABB Technology Ltd	A power cable assembly device and a power cable provided with such a device
SE-11619-EP-EPT	European Procedure (Patents)	Pending			3011375	ABB Technology Ltd	Tool and method for extracting wires from a cable
SE-11619-US-PCT	United States Of America	Abd			US-2016-0070690-A1	ABB Technology Ltd	Tool and method for extracting wires from a cable
SE-11619-CN-PCT	China	Pending			CN105519953A	ABB Technology Ltd	Tool and method for extracting wires from a cable
SE-11619-EP-EPT	European Procedure (Patents)	Pending				ABB Technology Ltd	Tool and method for extracting wires from a cable
SE-11619-US-PCT	United States Of America	Grant	22 Nov 2016	9,402,860		ABB Technology Ltd	Bundle of cables, a method of laying cables and use of a securing means
SE-11647-CA-PCT	Canada	Pending				ABB Technology Ltd	Bundle of cables, a method of laying cables and use of a securing means
SE-11647-EP-EPT	European Procedure (Patents)	Pending				ABB Technology Ltd	Bundle of cables, a method of laying cables and use of a securing means
SE-11647-US-PCT	United States Of America	Pending				ABB Technology Ltd	A POWER CABLE ASSEMBLY DEVICE AND A POWER CABLE PROVIDED WITH SUCH A DEVICE
SE-11651-AU-PCT	Australia	Pending				ABB Technology Ltd	A POWER CABLE ASSEMBLY DEVICE AND A POWER CABLE PROVIDED WITH SUCH A DEVICE
SE-11651-EP-EPT	European Procedure (Patents)	Pending				ABB Technology Ltd	A POWER CABLE ASSEMBLY DEVICE AND A POWER CABLE PROVIDED WITH SUCH A DEVICE
SE-11651-JP-PCT	Japan	Pending				ABB Technology Ltd	A POWER CABLE ASSEMBLY DEVICE AND A POWER CABLE PROVIDED WITH SUCH A DEVICE
SE-11651-KR-PCT	South Korea / Repending of Korea	Pending				ABB Technology Ltd	A POWER CABLE ASSEMBLY DEVICE AND A POWER CABLE PROVIDED WITH SUCH A DEVICE
SE-11661-AU-PCT	United States Of America	Pending				ABB Technology Ltd	AN ARRANGEMENT FOR A DYNAMIC HIGH VOLTAGE SUBSEA CABLE AND A DYNAMIC HIGH VOLTAGE SUBSEA CABLE
SE-11662-AU-PCT	Australia	Pending				ABB Technology Ltd	AN ARRANGEMENT FOR A DYNAMIC HIGH VOLTAGE SUBSEA CABLE AND A DYNAMIC HIGH VOLTAGE SUBSEA CABLE
SE-11662-CA-PCT	Canada	Pending				ABB Technology Ltd	AN ARRANGEMENT FOR A DYNAMIC HIGH VOLTAGE SUBSEA CABLE AND A DYNAMIC HIGH VOLTAGE SUBSEA CABLE
SE-11662-EP-EPT	European Procedure (Patents)	Pending				ABB Technology Ltd	AN ARRANGEMENT FOR A DYNAMIC HIGH VOLTAGE SUBSEA CABLE AND A DYNAMIC HIGH VOLTAGE SUBSEA CABLE
SE-11662-US-PCT	United States Of America	Abd				ABB Technology Ltd	AN ARRANGEMENT FOR A DYNAMIC HIGH VOLTAGE SUBSEA CABLE AND A DYNAMIC HIGH VOLTAGE SUBSEA CABLE
SE-11696-AU-PCT	Australia	Pending				ABB Technology Ltd	POWER CABLE TERMINATION DEVICE FOR GAS-INSULATED SWITCHGEAR
SE-11696-CA-PCT	Canada	Pending				ABB Technology Ltd	POWER CABLE TERMINATION DEVICE FOR GAS-INSULATED SWITCHGEAR
SE-11696-CN-PCT	China	Pending				ABB Technology Ltd	POWER CABLE TERMINATION DEVICE FOR GAS-INSULATED SWITCHGEAR
SE-11696-EP-EPT	European Procedure (Patents)	Pending				ABB Technology Ltd	POWER CABLE TERMINATION DEVICE FOR GAS-INSULATED SWITCHGEAR
SE-11696-IN-PCT	India	Pending				ABB Technology Ltd	POWER CABLE TERMINATION DEVICE FOR GAS-INSULATED SWITCHGEAR
SE-11696-JP-PCT	Japan	Pending				ABB Technology Ltd	POWER CABLE TERMINATION DEVICE FOR GAS-INSULATED SWITCHGEAR
SE-11696-KR-PCT	South Korea / Repending of Korea	Pending				ABB Technology Ltd	POWER CABLE TERMINATION DEVICE FOR GAS-INSULATED SWITCHGEAR
SE-11696-US-PCT	United States Of America	Pending				ABB Technology Ltd	POWER CABLE TERMINATION DEVICE FOR GAS-INSULATED SWITCHGEAR
SE-11696-WO-PC	International Procedure	Expiry			WO2015/124193	ABB Technology Ltd	POWER CABLE TERMINATION DEVICE FOR GAS-INSULATED SWITCHGEAR
SE-11719-WO-PC	International Procedure	Expiry			WO2015/124179	ABB Technology Ltd	METHOD OF ASSEMBLING A HANG-OFF DEVICE WITH A CABLE, A HANG-OFF DEVICE AND A HANG-OFF ARRANGEMENT
SE-11738-EP-EPT	European Procedure (Patents)	Local filing				ABB Schweiz AG	Grounded hang off with melted weight and force carrying core for armored high voltage cables
SE-11740-WO-PC	International Procedure	Abd			WO2015/158367	ABB Technology Ltd	A METHOD FOR A SUBSEA POWER CABLE INSTALLATION PROCEDURE
SE-11741-BA-PCT	Brazil	Pending				ABB Technology Ltd	POWER CABLE FILLER DEVICE AND POWER CABLE COMPRISING THE SAME
SE-11741-CA-PCT	Canada	Pending				ABB Technology Ltd	POWER CABLE FILLER DEVICE AND POWER CABLE COMPRISING THE SAME

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SE-11741-EP-EPT	European Procedure (Patents)	Pending				ABB Technology Ltd	POWER CABLE FILLER DEVICE AND POWER CABLE COMPRISING THE SAME
SE-11741-JP-PCT	Japan	Pending				ABB Technology Ltd	POWER CABLE FILLER DEVICE AND POWER CABLE COMPRISING THE SAME
SE-11741-KR-PCT	South Korea / Republic of Korea	Pending				ABB Technology Ltd	POWER CABLE FILLER DEVICE AND POWER CABLE COMPRISING THE SAME
SE-11741-US-PCT	United States Of America	Pending				ABB Technology Ltd	POWER CABLE FILLER DEVICE AND POWER CABLE COMPRISING THE SAME
SE-11750-WO-PCT	International Procedure	Expired		WO2015/161894		ABB Technology Ltd	BEND STIFFENER WITH BEND INDICATION
SE-11750-AU-PCT	Australia	Local filing				ABB Schweiz AG	Böjstyvare, Bend Stiffener
SE-11750-EP-EPT	European Procedure (Patents)	Local filing				ABB Schweiz AG	Böjstyvare, Bend Stiffener
SE-11750-US-PCT	United States Of America	Local filing				ABB Schweiz AG	Böjstyvare, Bend Stiffener
SE-11765-WO-PCT	International Procedure	Expired		WO 2015/160286		ABB Technology Ltd	AN OPTICAL FIBER CABLE END ADAPTER, A CABLE CONNECTION ASSEMBLY AND A METHOD FOR OBTAINING A CABLE CONNECTION
SE-11765-EP-EPT	European Procedure (Patents)	Local filing				ABB Schweiz AG	Headshik adapter collar for welding or soldering of FIMT-joints
SE-11769-WO-PCT	International Procedure	Aud		WO2015/135625		ABB Technology Ltd	POWER CABLE AND METHOD OF MANUFACTURING THE SAME
SE-11832-WO-PCT	International Procedure	Expired		WO2016/003795		ABB Technology Ltd	POWER TRANSMISSION CABLE
SE-11832-CN-PCT	China	Filing				ABB Schweiz AG	Polymer composite for electrical cable insulation
SE-11832-EP-EPT	European Procedure (Patents)	Local filing				ABB Schweiz AG	Polymer composite for electrical cable insulation
SE-11832-JP-PCT	Japan	Local filing				ABB Schweiz AG	Polymer composite for electrical cable insulation
SE-11832-KR-PCT	South Korea / Republic of Korea	Filing				ABB Schweiz AG	Polymer composite for electrical cable insulation
SE-11832-US-PCT	United States Of America	Local filing				ABB Schweiz AG	Polymer composite for electrical cable insulation
SE-11841-WO-PCT	International Procedure	Expired		WO2016/035538		ABB Technology Ltd	Electric field control device for high power cable and method for manufacturing thereof
SE-11841-CN-PCT	China	Local filing				ABB Technology Ltd	One-piece electric stress relief device consisting of a fieldgrading adapter and an insulating stresszone vulcanized together
SE-11841-EP-EPT	European Procedure (Patents)	Local filing				ABB Schweiz AG	One-piece electric stress relief device consisting of a fieldgrading adapter and an insulating stresszone vulcanized together
SE-11841-JP-PCT	Japan	Local filing				ABB Technology Ltd	One-piece electric stress relief device consisting of a fieldgrading adapter and an insulating stresszone vulcanized together
SE-11841-KR-PCT	South Korea / Republic of Korea	Filing				ABB Technology Ltd	One-piece electric stress relief device consisting of a fieldgrading adapter and an insulating stresszone vulcanized together
SE-11841-US-PCT	United States Of America	Local filing				ABB Technology Ltd	One-piece electric stress relief device consisting of a fieldgrading adapter and an insulating stresszone vulcanized together
SE-11859-WO-PCT	International Procedure	Pending		2016/034213		ABB Technology Ltd	STRAIGHTENING A LENGTH OF CABLE IN THE HOUSING
SE-11909-WO-PCT	International Procedure	Pending		WO2016/082860		ABB Technology Ltd	JOINTED POWER CABLE AND METHOD OF MANUFACTURING THE SAME
SE-11909-WO-PCT	International Procedure	Pending				ABB Technology Ltd	ELECTRIC POWER CABLE AND PROCESS FOR THE PRODUCTION OF ELECTRIC POWER CABLE
SE-11909-WO-PCT	International Procedure	Pending				ABB Technology Ltd	WELDING SLEEVE FOR ARMORED CABLES
SE-11969-WO-PCT	International Procedure	Aud		WO2015/197886		ABB Technology Ltd	AN INSULATION SYSTEM FOR HV CABLE JOINT, A METHOD FOR FORMING A JOINT AND A CABLE JOINT
SE-11978-WO-PCT	International Procedure	Pending				ABB Technology Ltd	DYNAMIC SUBMARINE POWER CABLE
SE-11987-WO-PCT	International Procedure	Pending				ABB Technology Ltd	A RIGID JOINT ASSEMBLY
SE-11987-WO-PCT	International Procedure	Pending				ABB Technology Ltd	ELECTRIC POWER CABLE AND A PROCESS FOR THE PRODUCTION OF THE POWER CABLE
SE-12032-WO-PCT	International Procedure	Pending				ABB Technology Ltd	A METHOD OF BUILDING AN INSULATION SYSTEM AROUND A NAKED CONDUCTOR SECTION OF A POWER CABLE
SE-12032-WO-PCT	International Procedure	Pending				ABB Technology Ltd	NEXT LEVEL NANOCOMPOSITES FOR ELECTRICAL INSULATION
SE-12032-WO-PCT	International Procedure	Pending				ABB Technology Ltd	DEVICE AND METHOD FOR MEASURING CAPACITANCE OF POWER CABLES
SE-12036-WO-PCT	International Procedure	Pending				ABB Technology Ltd	A TEMPORARY LOAD SECURING DEVICE FOR AN ARMORED HIGH VOLTAGE CABLE AND A METHOD FOR FACILITATING INSTALLATION-RELATED OPERATIONS OF AN ARMORED HIGH VOLTAGE CABLE
SE-12036-WO-PCT	International Procedure	Pending				ABB Technology Ltd	CONDUCTOR FOR A POWER TRANSMISSION CABLE AND A PROCESS FOR THE PRODUCTION OF THE CONDUCTOR
SE-12036-WO-PCT	International Procedure	Pending				ABB Technology Ltd	POWER TRANSMISSION CABLE AND PROCESS FOR THE PRODUCTION OF POWER TRANSMISSION CABLE
SE-12036-WO-PCT	International Procedure	Pending				ABB Technology Ltd	ELECTRIC POWER CABLE AND PROCESS FOR THE PRODUCTION OF ELECTRIC POWER CABLE
SE-12036-WO-PCT	International Procedure	Pending				ABB Technology Ltd	FLEXIBLE VULCANIZED JOINT BETWEEN TWO ELECTRIC POWER CABLES AND PROCESS FOR PRODUCING SAID JOINT

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Case Reference	Country	Status	Grant date	Grant Number	Publication Number	Applicant(s) (List)	English Title
SE-16046-WO-PCT	International Procedure	Pending				ABB Technology Ltd	ELECTRIC POWER CABLE AND PROCESS FOR THE PRODUCTION OF ELECTRIC POWER CABLE
SE-16012-WO-PCT	International Procedure	Pending				ABB Technology Ltd	POWER TRANSMISSION CABLE AND A PROCESS TO MANUFACTURE THE CABLE
SE-16018-WO-PCT	International Procedure	Pending				ABB Technology Ltd	A PROTECTIVE CASING FOR A HIGH VOLTAGE CABLE
SE-16045-WO-PCT	International Procedure	Pending				ABB Technology Ltd	Not yet filed
SE-16046-WO-PCT	International Procedure	Pending				ABB Technology Ltd	JOINT, TERMINATION OR CROSS-CONNECTION ARRANGEMENT FOR A CABLE AND METHOD FOR PROVIDING
SE-16048-WO-PCT	International Procedure	Pending				ABB Technology Ltd	A JOINT, TERMINATION OR CROSS-CONNECTION ARRANGEMENT
SE-16080-SE-NP	Sweden	Admitted			SE 1600224-3	ABB Technology Ltd	A RIGID JOINT ASSEMBLY
SE-16193-SE-NP	Sweden	Filing (to be ABD after publication)				ABB Schweiz AG	Electric power cable and a process for the production of the power cable
SE-9-243-CA-RD	Canada	Granted	18 Apr 2015	155613		ABB Technology Ltd	COMPOSITE FILLER PROFILE
SE-9-243-CN-RD	China	Granted	20 Mar 2015	ZL 201430054530.3		ABB Technology Ltd	Tool for opening wires in cables
SE-9-243-EU-CD	European Union	Pending				ABB Technology Ltd	Tool for opening wires in cables
SE-9-243-US-DP	United States Of America	Granted	20 Oct 2015	D741,724		ABB Technology Ltd	Tool for opening wires in cables
SE-14036-US-NP	United States Of America	Publication of application			US 2016-0163418 A1	ABB Technology AG	SYSTEMS AND METHODS FOR APPLYING METALLIC LAMINATES TO CABLES
SE-14032-WO-PCT	International Procedure	Publication of application			WO 2015/094197	ABB Technology AG	SYSTEMS AND METHODS FOR APPLYING METALLIC LAMINATES TO CABLES
SE-14043-US-CIP	United States Of America	Publication of application			US-2016-0055943	ABB Technology AG	HYBRID CONDUCTOR WITH CIRCUMFERENTIAL LAYERS
SE-14048-US-NP	United States Of America	Publication of application			US-2015-0055942-A1	ABB Technology AG	HYBRID CONDUCTOR
SE-14043-WO-PCT	International Procedure	Publication of application			WO2016094201	ABB Technology AG	HYBRID CONDUCTOR WITH CIRCUMFERENTIAL CONDUCTING LAYERS
SE-14066-US-NP	United States Of America	Publication of application			US 2016-0164238 A1	ABB Technology AG	SYSTEMS AND METHODS FOR AUTOMATED SPLICING AND TERMINATING LOW, MEDIUM, HIGH AND EXTRA HIGH VOLTAGE CABLES
SE-14066-WO-PCT	International Procedure	Publication of application			WO2016094184	ABB Technology AG	SYSTEMS AND METHODS FOR AUTOMATED SPLICING AND TERMINATING LOW, MEDIUM, HIGH AND EXTRA HIGH VOLTAGE CABLES

Project Crown	IP Contribution Agreement	Schedule 1B	Excluded IP	Status	Grant date	Grant Number	Publication Number	Applicants (L/GB)	English Title
SE-11508-05-EPT[2]	Belgium	20 Apr 2016	2954603	Granted	20 Apr 2016	2954603	2954603	ABB Technology Ltd	A METHOD FOR PROVIDING AN INSULATED HIGH VOLTAGE POWER CABLE AND A HIGH VOLTAGE POWER CABLE ARRANGEMENT
SE-11508-05-PCT[2]	Brazil			Pending				ABB Technology Ltd	A METHOD FOR PROVIDING AN INSULATED HIGH VOLTAGE POWER CABLE AND A HIGH VOLTAGE POWER CABLE ARRANGEMENT
SE-11508-05-EPT[2]	Switzerland	20 Apr 2016	2954603	Granted	20 Apr 2016	2954603	2954603	ABB Technology Ltd	A METHOD FOR PROVIDING AN INSULATED HIGH VOLTAGE POWER CABLE AND A HIGH VOLTAGE POWER CABLE ARRANGEMENT
SE-11508-05-PCT[2]	China		10514524	Pending				ABB Technology Ltd	A METHOD FOR PROVIDING AN INSULATED HIGH VOLTAGE POWER CABLE AND A HIGH VOLTAGE POWER CABLE ARRANGEMENT
SE-11508-05-EPT[2]	Germany	20 Apr 2016	60,2014,001,587,5	Granted	20 Apr 2016	2954603	2954603	ABB Technology Ltd	A METHOD FOR PROVIDING AN INSULATED HIGH VOLTAGE POWER CABLE AND A HIGH VOLTAGE POWER CABLE ARRANGEMENT
SE-11508-05-EPT[2]	France	28 Apr 2016	2954603	Granted	28 Apr 2016	2954603	2954603	ABB Technology Ltd	A METHOD FOR PROVIDING AN INSULATED HIGH VOLTAGE POWER CABLE AND A HIGH VOLTAGE POWER CABLE ARRANGEMENT
SE-11508-05-EPT[2]	United Kingdom	20 Apr 2016	2954603	Granted	20 Apr 2016	2954603	2954603	ABB Technology Ltd	A METHOD FOR PROVIDING AN INSULATED HIGH VOLTAGE POWER CABLE AND A HIGH VOLTAGE POWER CABLE ARRANGEMENT
SE-11508-05-PCT[2]	India			Pending				ABB Technology Ltd	A METHOD FOR PROVIDING AN INSULATED HIGH VOLTAGE POWER CABLE AND A HIGH VOLTAGE POWER CABLE ARRANGEMENT
SE-11508-05-EPT[2]	Italy	20 Apr 2016	2954603	Granted	20 Apr 2016	2954603	2954603	ABB Technology Ltd	A METHOD FOR PROVIDING AN INSULATED HIGH VOLTAGE POWER CABLE AND A HIGH VOLTAGE POWER CABLE ARRANGEMENT
SE-11508-05-PCT[2]	Japan			Pending				ABB Technology Ltd	A METHOD FOR PROVIDING AN INSULATED HIGH VOLTAGE POWER CABLE AND A HIGH VOLTAGE POWER CABLE ARRANGEMENT
SE-11508-05-EPT[2]	South Korea / Rep	24 Mar 2016	1025812	Granted	24 Mar 2016	2954603	2954603	ABB Technology Ltd	A METHOD FOR PROVIDING AN INSULATED HIGH VOLTAGE POWER CABLE AND A HIGH VOLTAGE POWER CABLE ARRANGEMENT
SE-11508-05-PCT[2]	Netherlands	20 Apr 2016	2954603	Granted	20 Apr 2016	2954603	2954603	ABB Technology Ltd	A METHOD FOR PROVIDING AN INSULATED HIGH VOLTAGE POWER CABLE AND A HIGH VOLTAGE POWER CABLE ARRANGEMENT
SE-11508-05-EPT[2]	United States Of America		US-2015-0357804-A1	Pending				ABB Technology Ltd	A METHOD FOR PROVIDING AN INSULATED HIGH VOLTAGE POWER CABLE AND A HIGH VOLTAGE POWER CABLE ARRANGEMENT
SE-12008-WO-PCT	International Procedure			Pending				ABB Technology Ltd	COMPOSITE INSULATION MATERIAL FOR AN ELECTRIC POWER CABLE PROCESS TO MANUFACTURE A POWER CABLE AND A POWER CABLE CONTAINING THE INSULATION MATERIAL
CH-14084-WO-PCT	International Procedure			Publication of application			2013012049	ABB Technology AG	Bulk power - high voltage transmission line (system)
CH-14085-WO-PCT	International Procedure			Publication of application			2015012050	ABB Technology AG	A flexible tubular electrical insulation line produced by multi-layer extrusion onto a flexible metal hose

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