

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4424917

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the APPLICANT'S NAME SHOULD READ ABB HV CABLES (SWITZERLAND) GMBH. previously recorded on Reel 041829 Frame 0579. Assignor(s) hereby confirms the APPLICANT'S NAME SHOULD READ ABB HV CABLES (SWITZERLAND) GMBH..
RESUBMIT DOCUMENT ID:	504342801

CONVEYING PARTY DATA

Name	Execution Date
ABB SCHWEIZ AG	12/12/2016

RECEIVING PARTY DATA

Name:	ABB HV CABLES (SWITZERLAND) GMBH
Street Address:	BROWN BOVERI STRASSE 6
City:	BADEN
State/Country:	SWITZERLAND
Postal Code:	5400

PROPERTY NUMBERS Total: 4

Property Type	Number
Application Number:	14466498
Application Number:	14563082
Application Number:	14563625
Application Number:	14564301

CORRESPONDENCE DATA

Fax Number: (317)713-3699

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.

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ATTORNEY DOCKET NUMBER:	ABBSE-4-3-6-7
NAME OF SUBMITTER:	LISA SCHODROWSKI
SIGNATURE:	/Lisa Schodrowski/
DATE SIGNED:	05/22/2017

PATENT

Total Attachments: 17

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Freshfields Bruckhaus Deringer

IP CONTRIBUTION AGREEMENT

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

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 COATING

SIGNED
for and on behalf of
ABB Schweiz AG

)
)
)

SIGNATURE:

O. Lillholt

NAME:

OLIVER LILLHOLT

SIGNED
for and on behalf of
ABB HV CABLES (SWITZERLAND)
GMBH

)
)
)

SIGNATURE:

Bobby Jacob Swedemark

NAME:

BOBBY JACOB SWEDEMARK

SIGNED
for and on behalf of
ABB HV CABLES (SWITZERLAND)
GMBH

)
)
)

SIGNATURE:

O. Lillholt

NAME:

OLIVER LILLHOLT

Schedule 1A Business Owned IP

IP Contribution Agreement

Project Crown

Case Reference	Country	Status	Grant date	Grant Number	Publication Number	Applicants (List)	English Title
CH-08-083	ON	Granted	20 Oct 2014	ZL2009/1255025.2		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	12 Nov 13	8576832	1325373	SEABB	A method and a device for ensuring a satisfactory tensile strength when joining a submarine cable
08038-GB-EPT	United Kingdom	Abd	24 Nov 2010	1325373	1325373	SEABB	A method and a device for ensuring a satisfactory tensile strength when joining a submarine cable
08039-IT-EPT	Italy	Abd	12 Mar 2014	334724		SEABB	A method and a device for ensuring a satisfactory tensile strength when joining a submarine cable
08039-NO-EPT	Norway	Abd	25 Feb 2006	0003234.2	519404	SEABB	A method and a device for ensuring a satisfactory tensile strength when joining a submarine cable
08039-SE-EPT	Sweden	Abd	06 Jul 2009	1320915	1320915	SEABB	A method of restoring amounting on a cable
18038-GB-EPT	United Kingdom	Granted	06 Jul 2009	2796485/2009	1320916	SEABB	A method of restoring amounting on a cable
18038-IT-EPT	Italy	Granted	10 Dec 2012	332680		SEABB	A method of restoring amounting on a cable
18038-NO-EPT	Norway	Granted	10 Dec 2012	0003153.4		SEABB	A method of restoring amounting on a cable
08038-SE-EPT	Sweden	Granted	09 Jul 2009	1320915	1320915	SEABB	A method of restoring amounting on a cable
08113-GB-EPT	United Kingdom	Granted	08 Jul 2009	2796485/2009	1320915	SEABB	A method of restoring amounting on a cable
08113-IT-EPT	Italy	Granted	28 Nov 2012	320659		SEABB	A method of restoring amounting on a cable
08113-NO-EPT	Norway	Granted	17 Dec 2001	000152.6		SEABB	A method of restoring amounting on a cable
08113-SE-EPT	Sweden	Granted	27 Feb 2013	2092537	2092537	ABB RESEARCH LTD	High Voltage Cable
09657-CH-EPT	Switzerland	Granted	27 Feb 2013	2092537	2092537	ABB RESEARCH LTD	High Voltage Cable
09657-CN-EPT	China	Granted	24 Aug 2011	ZL200739040742.5	CN171536118A	ABB RESEARCH LTD	High Voltage Cable
09657-DE-EPT	Germany	Granted	27 Feb 2013	2092537	2092537	ABB RESEARCH LTD	High Voltage Cable
09657-DK-EPT	Denmark	Granted	27 Feb 2013	2092537	2092537	ABB RESEARCH LTD	High Voltage Cable
09657-FR-EPT	France	Granted	27 Feb 2013	2092537	2092537	ABB RESEARCH LTD	High Voltage Cable
09657-GB-EPT	United Kingdom	Granted	27 Feb 2013	2092537	2092537	ABB RESEARCH LTD	High Voltage Cable
09657-IN-EPT	India	Pending			2144061NP/2009	ABB RESEARCH LTD	High Voltage Cable
09657-IT-EPT	Italy	Granted	27 Feb 2013	2092537	2092537	ABB RESEARCH LTD	High Voltage Cable
09657-NL-EPT	Netherlands	Granted	27 Feb 2013	2092537	2092537	ABB RESEARCH LTD	High Voltage Cable
09657-SE-EPT	Sweden	Granted	17 Feb 2009	551308	0602332.9	ABB RESEARCH LTD	High Voltage Cable
09657-US-EPT	United States Of America	Granted	29 Nov 2011	8,067,584 B2	US-2010-0078196-A1	ABB RESEARCH LTD	High Voltage Cable
09657-US-EPT	United States Of America	Grant	04 Mar 2010	US 7,709,731	US-2007-0259755	ABB RESEARCH LTD	High Voltage Cable
10124-GB-EPT	Brazil	Pending			P07201005.3	ABB Technology Ltd	An electric power cable, an off-shore installation provided therewith, and use thereof
10124-DE-EPT	Germany	Granted	08 Dec 2010	2092536	2092536	ABB Technology Ltd	An electric power cable, an off-shore installation provided therewith, and use thereof
10124-GB-EPT	United Kingdom	Granted	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-MX-EPT	Mexico	Granted	08 Dec 2010	2092536	2092536	ABB Technology Ltd	An electric power cable, an off-shore installation provided therewith, and use thereof
10124-IT-EPT	Italy	Granted	15 Mar 2011	264782	M/ra/2009/016.385	ABB Technology Ltd	An electric power cable, an off-shore installation provided therewith, and use thereof
10124-NO-EPT	Norway	Pending				ABB Technology Ltd	An electric power cable, an off-shore installation provided therewith, and use thereof
10124-US-EPT	United States Of America	Granted	26 Aug 2014	8,816,206	US-2010-0025071-A1	ABB Technology Ltd	An electric power cable, an off-shore installation provided therewith, and use thereof
10183-GB-EPT	United Kingdom	Granted	30 Nov 2011	ZL200930017746.5	P0811984.3	ABB Technology AG	An electric power cable
10183-CN-EPT	China	Granted	05 Aug 2015	2150960	CN101681697A	ABB Technology AG	An electric power cable
10183-DE-EPT	Germany	Granted	05 Aug 2015	2150960	2150960	ABB Technology AG	An electric power cable
10183-FI-EPT	Finland	Granted	05 Aug 2015	2150960	2150960	ABB Technology AG	An electric power cable
10183-FR-EPT	France	Granted	05 Aug 2015	2150960	2150960	ABB Technology AG	An electric power cable
10183-GB-EPT	United Kingdom	Granted	05 Aug 2015	2150960	2150960	ABB Technology AG	An electric power cable
10183-IN-EPT	India	Pending				ABB Technology AG	An electric power cable
10183-IT-EPT	Italy	Grant	05 Aug 2015	2150960	2150960	ABB Technology AG	An electric power cable
10183-JT-EPT	Japan	Grant	05 Aug 2015	2150960	2150960	ABB Technology AG	An electric power cable
10183-NO-EPT	Norway	Granted	05 Aug 2015	2150960	2150960	ABB Technology AG	An electric power cable
10183-SE-EPT	Sweden	Granted	05 Aug 2015	2150960	2150960	ABB Technology AG	An electric power cable
10183-US-EPT	United States Of America	Granted	12 Mar 2015	8,829,704	US2010/0186986A1	ABB Technology AG	An electric power cable
10233-AU-EPT	Australia	Granted	17 Oct 2013	2006216829		ABB RESEARCH LTD	METHOD FOR PROVIDING AN INSULATED ELECTRIC HIGH VOLTAGE DC CABLE OR A HIGH VOLTAGE DC TERMINATION OR JOINT
10223-BE-EPT	Belgium	Granted	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
10233-CH-EPT	Switzerland	Granted	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

Case Reference	Country	Status	Grant date	Grant Number	Publication Number	Applicants (List)	English Title
10223-CN-PCT	China	Granted	05 Nov 2013	ZL200860101780.5	CN101912103A	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 8,398,803		ABB RESEARCH LTD	METHOD FOR PROVIDING AN INSULATED ELECTRIC HIGH VOLTAGE DC CABLE OR A HIGH VOLTAGE DC TERMINATION OR JOINT
10341-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	ZL200810137462.5	CN101572398A	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	5,222,324	US-2009-0272561-A1	ABB Technology Ltd	A protective casing for a high voltage cable
10554-AU-PCT	Australia	Granted	20 Aug 2018	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	ZL200880132401.5	CN10287578	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			5015/CHENP/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	2013-512511	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	8,629,361	US-2011-0270041-A1	ABB Technology AG	A DC cable for high voltages
10554-BR-PCT	Brazil	Pending			P0818019-S	ABB Technology AG	Cable joint for optical fibre composite electric power cable
10554-CN-PCT	China	Granted	04 Mar 2015	ZL200880132683.3	CN102132186	ABB Technology AG	Cable joint for optical fibre composite electric power cable
10554-EP-EPT	European Procedure (Patents)	Pending			2321605	ABB Technology AG	Cable joint for optical fibre composite electric power cable

Case Reference	Country	Status	Grant date	Grant Number	Publication Number	Applicants (Leds)	English Title
10668-IN-PCT	India	Pending			1057/CHENP/2011	ABB Technology AG	Cable joint for optical fibre composite electric power cable
10669-US-PCT	United States Of America	Granted	18 Mar 2014	8,676,020	US-2013-0031925-A1	ABB Technology AG	Cable joint for optical fibre composite electric power cable
10669-CN-PCT	China	Granted	23 Sep 2015	21,201,080,002,688.23	CN 102474090A	ABB Technology AG	A JOINT FOR A SUBMARINE CABLE
10694-DE-EPT	Germany	Granted	15 Oct 2014	244,964.1	244,964.1	ABB Technology AG	A JOINT FOR A SUBMARINE CABLE
10694-FI-EPT	Finland	Granted	15 Oct 2014	244,964.1	244,964.1	ABB Technology AG	A JOINT FOR A SUBMARINE CABLE
10694-FR-EPT	France	Granted	15 Oct 2014	244,964.1	244,964.1	ABB Technology AG	A JOINT FOR A SUBMARINE CABLE
10694-GB-EPT	United Kingdom	Granted	15 Oct 2014	244,964.1	244,964.1	ABB Technology AG	A JOINT FOR A SUBMARINE CABLE
10694-IT-EPT	Italy	Granted	15 Oct 2014	244,964.1	244,964.1	ABB Technology AG	A JOINT FOR A SUBMARINE CABLE
10694-NO-EPT	Norway	Granted	15 Oct 2014	244,964.1	244,964.1	ABB Technology AG	A JOINT FOR A SUBMARINE CABLE
10694-SE-EPT	Sweden	Granted	15 Oct 2014	244,964.1	244,964.1	ABB Technology AG	A JOINT FOR A SUBMARINE CABLE
10694-US-PCT	United States Of America	Granted	15 Oct 2014	244,964.1	US-2012-0187416-A1	ABB Technology AG	A JOINT FOR A SUBMARINE CABLE
10699-CA-PCT	Canada	Grant	05 Jul 2016	2,799,532		ABB RESEARCH LTD	A HIGH VOLTAGE DIRECT CURRENT CABLE TERMINATION APPARATUS
10699-CN-PCT	China	Granted	17 Feb 2016	21,201,080,006,919.6	CN 102406854A	ABB RESEARCH LTD	A HIGH VOLTAGE DIRECT CURRENT CABLE TERMINATION APPARATUS
10699-DE-EPT	Germany	Granted	25 Mar 2015	257,242.4	257,242.4	ABB RESEARCH LTD	A HIGH VOLTAGE DIRECT CURRENT CABLE TERMINATION APPARATUS
10699-FR-EPT	France	Granted	25 Mar 2015	257,242.4	257,242.4	ABB RESEARCH LTD	A HIGH VOLTAGE DIRECT CURRENT CABLE TERMINATION APPARATUS
10699-GB-EPT	United Kingdom	Granted	25 Mar 2015	257,242.4	257,242.4	ABB RESEARCH LTD	A HIGH VOLTAGE DIRECT CURRENT CABLE TERMINATION APPARATUS
10699-IT-EPT	Italy	Granted	25 Mar 2015	257,242.4	257,242.4	ABB RESEARCH LTD	A HIGH VOLTAGE DIRECT CURRENT CABLE TERMINATION APPARATUS
10699-NL-EPT	Netherlands	Granted	25 Mar 2015	257,242.4	257,242.4	ABB RESEARCH LTD	A HIGH VOLTAGE DIRECT CURRENT CABLE TERMINATION APPARATUS
10699-NO-EPT	Norway	Granted	25 Mar 2015	257,242.4	257,242.4	ABB RESEARCH LTD	A HIGH VOLTAGE DIRECT CURRENT CABLE TERMINATION APPARATUS
10699-SE-EPT	Sweden	Granted	25 Mar 2015	257,242.4	257,242.4	ABB RESEARCH LTD	A HIGH VOLTAGE DIRECT CURRENT CABLE TERMINATION APPARATUS
10699-US-PCT	United States Of America	Granted	17 Dec 2013	8,619,487	US-2013-0061944-A1	ABB Technology AG	Composite Formulations for DC Insulation
CH 14302-WO-PCT	International Procedure	Publication of application			2016/101888	ABB Technology AG	
SE 10699-CA-PCT	Canada	Grant	10 Jul 2016	2,799,534		ABB RESEARCH LTD	A HIGH VOLTAGE DIRECT CURRENT CABLE TERMINATION APPARATUS
SE 10699-CN-PCT	China	Granted	23 Sep 2015	21,201,080,006,919.6	CN 102406855 A	ABB RESEARCH LTD	A HIGH VOLTAGE DIRECT CURRENT CABLE TERMINATION APPARATUS
SE 10699-EP-EPT	European Procedure (Patents)	Pending			257,242.3	ABB RESEARCH LTD	
SE 10699-US-PCT	United States Of America	Granted	03 Sep 2013	8,626,025	US-2013-0078836-A1	ABB RESEARCH LTD	A HIGH VOLTAGE DIRECT CURRENT CABLE TERMINATION APPARATUS
SE 10699-CN-PCT	China	Grant	05 Jul 2016	2,799,501		ABB RESEARCH LTD	A HIGH VOLTAGE DIRECT CURRENT CABLE TERMINATION APPARATUS
SE 10699-CA-PCT	Canada	Granted	18 Oct 2015	21,201,080,006,918	CN 102406853 A	ABB RESEARCH LTD	A HIGH VOLTAGE DIRECT CURRENT CABLE TERMINATION APPARATUS
SE 10699-EP-EPT	European Procedure (Patents)	Pending			257,242.1	ABB RESEARCH LTD	
SE 10699-US-PCT	United States Of America	Granted	03 Feb 2015	9,946,452	US-2013-0079124-A1	ABB RESEARCH LTD	A HIGH VOLTAGE DIRECT CURRENT CABLE TERMINATION APPARATUS
SE 10699-CA-PCT	Canada	Pending				ABB RESEARCH LTD	A HIGH VOLTAGE DIRECT CURRENT CABLE TERMINATION APPARATUS
SE 10699-CN-PCT	China	Grant	06 Jul 2015	21,201,080,006,920.3	CN 102406855	ABB RESEARCH LTD	A HIGH VOLTAGE DIRECT CURRENT CABLE TERMINATION APPARATUS
SE 10699-EP-EPT	European Procedure (Patents)	Pending			257,242.2	ABB RESEARCH LTD	
SE 10699-US-PCT	United States Of America	Granted	17 Jun 2014	8,754,329	US-2013-0081851-A1	ABB RESEARCH LTD	A HIGH VOLTAGE DIRECT CURRENT CABLE TERMINATION APPARATUS
SE 10699-DE-EPT	Germany	Granted	31 Dec 2014	255,912.4	255,912.4	ABB Technology AG	DEVICE AND METHOD FOR MACHINING AN ELECTRICAL CABLE
SE 10699-FI-EPT	Finland	Granted	31 Dec 2014	255,912.4	255,912.4	ABB Technology AG	DEVICE AND METHOD FOR MACHINING AN ELECTRICAL CABLE
SE 10699-FR-EPT	France	Granted	31 Dec 2014	255,912.4	255,912.4	ABB Technology AG	DEVICE AND METHOD FOR MACHINING AN ELECTRICAL CABLE
SE 10699-GB-EPT	United Kingdom	Granted	31 Dec 2014	255,912.4	255,912.4	ABB Technology AG	DEVICE AND METHOD FOR MACHINING AN ELECTRICAL CABLE
SE 10699-IT-EPT	Italy	Granted	31 Dec 2014	255,912.4	255,912.4	ABB Technology AG	DEVICE AND METHOD FOR MACHINING AN ELECTRICAL CABLE
SE 10699-NL-EPT	Netherlands	Granted	31 Dec 2014	255,912.4	255,912.4	ABB Technology AG	DEVICE AND METHOD FOR MACHINING AN ELECTRICAL CABLE
SE 10699-NO-EPT	Norway	Granted	31 Dec 2014	255,912.4	255,912.4	ABB Technology AG	DEVICE AND METHOD FOR MACHINING AN ELECTRICAL CABLE
SE 10699-SE-EPT	Sweden	Granted	31 Dec 2014	255,912.4	255,912.4	ABB Technology AG	DEVICE AND METHOD FOR MACHINING AN ELECTRICAL CABLE
SE 10699-US-PCT	United States Of America	Granted	21 Jan 2014	8,632,284	US-2013-0033011-A1	ABB Technology AG	DEVICE AND METHOD FOR MACHINING AN ELECTRICAL CABLE
SE 10699-CA-PCT	Canada	Granted	26 Aug 2015	2,822,796		ABB Technology AG	High voltage electric cable
SE 10699-CN-PCT	China	Granted	11 Jul 2015	21,201,080,007,077.2	CN 102426117A	ABB Technology AG	High voltage electric cable
SE 10699-EP-EPT	European Procedure (Patents)	Pending			255,912.4	ABB Technology AG	High voltage electric cable
SE 10699-FR-EPT	France	Granted	25 Feb 2015	255,912.4	255,912.4	ABB Technology AG	High voltage electric cable
SE 10699-GB-EPT	United Kingdom	Granted	25 Feb 2015	255,912.4	255,912.4	ABB Technology AG	High voltage electric cable
SE 10699-IT-EPT	Italy	Granted	09 Jan 2015	567,466.1	2114-508325	ABB Technology AG	High voltage electric cable
SE 10699-NL-EPT	Netherlands	Granted	09 Jan 2015	567,466.1	2114-508325	ABB Technology AG	High voltage electric cable
SE 10699-NO-EPT	Norway	Granted	05 Apr 2016	2,855,751	US-2013-0089968	ABB Technology AG	High voltage electric cable
SE 10699-SE-EPT	Sweden	Granted	05 Apr 2016	2,855,751	US-2013-0089968	ABB Technology AG	High voltage electric cable
SE 11244-CA-PCT	Canada	Pending			2011/000750591	ABB RESEARCH LTD	A thickness controlled laminated insulation layer for a direct current (DC) transmission system
SE 11244-CN-PCT	China	Pending			4677/GHENP/2014A	ABB RESEARCH LTD	A thickness controlled laminated insulation layer for a direct current (DC) transmission system
SE 11244-EP-EPT	European Procedure (Patents)	Pending			2783373	ABB RESEARCH LTD	A thickness controlled laminated insulation layer for a direct current (DC) transmission system
SE 11244-IT-EPT	Italy	Grant	18 Nov 2015	2783373		ABB RESEARCH LTD	A thickness controlled laminated insulation layer for a direct current (DC) transmission system
SE 11244-NO-EPT	Norway	Granted	18 Nov 2015	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	2763373	2763373	ABB RESEARCH LTD	A thickness controlled laminated insulation layer for a direct current (DC) transmission system
SE-11244-US-PCT	United States Of America	Granted	06 Sep 2015	9,129,721	US-2014-0281654-A1	ABB RESEARCH LTD	A thickness controlled laminated insulation layer for a direct current (DC) transmission system
SE-11247-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	Grant	01 Nov 2016	9,492,715	US-2015-015273-A1	ABB Technology Ltd	Method for determining an electrical property of cable insulation
SE-11288-CA-PCT	Canada	Granted	26 Jan 2016	2,656,735		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-CN-PCT	China	Pending			CN104145368 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	Grant	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	Grant	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	9,135,040	US-2014-0367164-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-BR-PCT	Brazil	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	24 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	Grant	17 Aug 2016	ZL201280075986.9	CN104350407A	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 Korea	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	2012265056		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	Grant	19 Oct 2016	ZL301280077639.9	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 2015	2832511	2832511	ABB Technology Ltd	A METHOD AND AN APPARATUS FOR HEAT TREATMENT OF AN ELECTRIC POWER CABLE
SE-11386-DE-EPT	Germany	Grant	30 Nov 2015	2832511	2832511	ABB Schweiz AG	Heat treatment Extruded DC cables
SE-11386-FI-EPT	Finland	Grant	30 Nov 2015	2832511	2832511	ABB Schweiz AG	Heat treatment Extruded DC cables
SE-11386-FR-EPT	France	Grant	30 Nov 2015	2832511	2832511	ABB Schweiz AG	Heat treatment Extruded DC cables
SE-11386-GB-EPT	United Kingdom	Grant	30 Nov 2015	2832511	2832511	ABB Schweiz AG	Heat treatment Extruded DC cables
SE-11386-GR-EPT	Greece	Grant	30 Nov 2015	2832511	2832511	ABB Schweiz AG	Heat treatment Extruded DC cables
SE-11386-IT-EPT	Italy	Grant	30 Nov 2015	2832511	2832511	ABB Schweiz AG	Heat treatment Extruded DC cables
SE-11386-JP-EPT	United Kingdom	Grant	30 Nov 2015	2832511	2832511	ABB Schweiz AG	Heat treatment Extruded DC cables
SE-11386-KR-EPT	Greece	Grant	30 Nov 2015	2832511	2832511	ABB Schweiz AG	Heat treatment Extruded DC cables
SE-11386-LT-EPT	Italy	Grant	30 Nov 2015	2832511	2832511	ABB Schweiz AG	Heat treatment Extruded DC cables
SE-11386-NL-PCT	India	Ald				ABB Technology Ltd	A METHOD AND AN APPARATUS FOR HEAT TREATMENT OF AN ELECTRIC POWER CABLE
SE-11386-JP-PCT	Japan	Pending			2016-503942	ABB Technology Ltd	A METHOD AND AN APPARATUS FOR HEAT TREATMENT OF AN ELECTRIC POWER CABLE
SE-11386-KR-PCT	South Korea / RePending of Korea	Granted	28 Jan 2016	1591636		ABB Technology Ltd	A METHOD AND AN APPARATUS FOR HEAT TREATMENT OF AN ELECTRIC POWER CABLE
SE-11386-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-CA-PCT	Canada	Granted	18 Aug 2015	2,894,639		ABB RESEARCH LTD	A radial water barrier and a dynamic high voltage submarine cable for deep water applications
SE-11392-CN-PCT	China	Grant	15 Jun 2015	ZL201280075805.1	1047317241	ABB RESEARCH LTD	A radial water barrier and a dynamic high voltage submarine cable for deep water applications

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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	9,302,157	US-2016-0111495-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	Granted	24 Mar 2016	9,345,107	US-2016-1065049-A1	ABB Technology Ltd	A TOOL FOR OPENING AN EXTRUDED PROFILED BODY OF A POWER CORD ASSEMBLY DEVICE
SE-11613-CN-PCT	China	Pending				ABB Technology Ltd	AN ELECTRICAL HV TRANSMISSION POWER CABLE
SE-11613-EP-EPT	European Procedure (Patents)	Pending				ABB Technology Ltd	AN ELECTRICAL HV TRANSMISSION POWER CABLE
SE-11613-US-PCT	United States Of America	Pending				ABB Technology Ltd	AN ELECTRICAL HV TRANSMISSION POWER CABLE
SE-11613-WO-PCT	International Procedure	Expiry			WO2015/091643	ABB Technology Ltd	AN ELECTRICAL HV TRANSMISSION POWER CABLE
SE-11615-CN-PCT	China	Pending				ABB Technology Ltd	A power cable assembly device and a power cable provided with such a device
SE-11615-EP-EPT	European Procedure (Patents)	Pending			3011375	ABB Technology Ltd	A power cable assembly device and a power cable provided with such a device
SE-11615-US-PCT	United States Of America	Abd			US-2016-0170080-A1	ABB Technology Ltd	A power cable assembly device and a power cable provided with such a device
SE-11616-CN-PCT	China	Pending			CN105519552A	ABB Technology Ltd	Tool and method for extracting wires from a cable
SE-11616-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	Tool and method for extracting wires from a cable
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	Bundle of cables, a method of laying cables and use of a securing means
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-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-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-11651-JP-PCT	Japan	Pending				ABB Technology Ltd	A POWER CABLE ASSEMBLY DEVICE AND A POWER CABLE PROVIDED WITH SUCH A DEVICE
SE-11651-CA-PCT	Canada	Pending				ABB Technology Ltd	A POWER CABLE ASSEMBLY DEVICE AND A POWER CABLE PROVIDED WITH SUCH A DEVICE
SE-11651-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-11652-AU-PCT	Australia	Pending				ABB Technology Ltd	AN ARRANGEMENT FOR A DYNAMIC HIGH VOLTAGE SUBSEA CABLE AND A DYNAMIC HIGH VOLTAGE SUBSEA CABLE
SE-11652-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-11652-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-11698-WO-PCT	International Procedure	Expiry			WO2015/124190	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			WO2015/124179	ABB Schweiz AG	Grounded hang off with melted weight and force carrying core for armored high voltage cables
SE-11740-WO-PCT	International Procedure	Abd			WO2015/158367	ABB Technology Ltd	A METHOD FOR A SUBSEA POWER CABLE INSTALLATION PROCEDURE
SE-11741-BR-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		WO/2015/161894	ABB Technology Ltd	BEND STIFFENER WITH BEND INDICATION
SE-11750-AU-PCT	Australia	Local filing			ABB Schweiz AG	Bend Stiffener
SE-11750-EP-EPT	European Procedure (Patents)	Local filing			ABB Schweiz AG	Bend Stiffener
SE-11750-US-PCT	United States Of America	Local filing			ABB Schweiz AG	Bend Stiffener
SE-11760-WO-PCT	International Procedure	Expired		WO 2015/160366	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	Headshrink adapter collar for welding or soldering of FIMT-joints
SE-11769-WO-PCT	International Procedure	Aid		WO/2015/135625	ABB Technology Ltd	POWER CABLE AND METHOD OF MANUFACTURING THE SAME
SE-11832-WO-PCT	International Procedure	Expired		WO/2016/030735	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		WO/2016/030538	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 stresscone 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 stresscone 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 stresscone 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 stresscone 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 stresscone vulcanized together
SE-11859-WO-PCT	International Procedure	Pending		2016/034213	ABB Technology Ltd	AN INSULATED HIGH VOLTAGE CABLE TERMINATION DEVICE, A HOUSING AND A METHOD FOR STRAIGHTENING A LENGTH OF CABLE IN THE HOUSING
SE-11909-WO-PCT	International Procedure	Pending		WO/2016/082860	ABB Technology Ltd	JOINTED POWER CABLE AND METHOD OF MANUFACTURING THE SAME
SE-11945-WO-PCT	International Procedure	Pending			ABB Technology Ltd	ELECTRIC POWER CABLE AND PROCESS FOR THE PRODUCTION OF ELECTRIC POWER CABLE
SE-11952-WO-PCT [2]	International Procedure	Pending			ABB Technology Ltd	WELDING SLEEVE FOR ARMORED CABLES
SE-11969-WO-PCT	International Procedure	Aid		WO/2015/197886	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-11982-WO-PCT	International Procedure	Pending			ABB Technology Ltd	A RIGID JOINT ASSEMBLY
SE-11987-WO-PCT	International Procedure	Pending			ABB Technology Ltd	A RIGID JOINT ASSEMBLY
SE-12012-WO-PCT	International Procedure	Pending			ABB Technology Ltd	ELECTRIC POWER CABLE AND A PROCESS FOR THE PRODUCTION OF THE POWER CABLE
SE-12022-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-12026-WO-PCT	International Procedure	Pending			ABB Technology Ltd	NEXT LEVEL NANOCOMPOSITES FOR ELECTRICAL INSULATION
SE-12029-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-12039-WO-PCT	International Procedure	Pending			ABB Technology Ltd	CONDUCTOR FOR A POWER TRANSMISSION CABLE AND A PROCESS FOR THE PRODUCTION OF THE CONDUCTOR
SE-12047-WO-PCT	International Procedure	Pending			ABB Technology Ltd	POWER TRANSMISSION CABLE AND PROCESS FOR THE PRODUCTION OF POWER TRANSMISSION CABLE
SE-12077-WO-PCT	International Procedure	Pending			ABB Technology Ltd	ELECTRIC POWER CABLE AND PROCESS FOR THE PRODUCTION OF ELECTRIC POWER CABLE
SE-12083-WO-PCT [2]	International Procedure	Pending			ABB Technology Ltd	FLEXIBLE VULCANIZED JOINT BETWEEN TWO ELECTRIC POWER CABLES AND PROCESS FOR PRODUCING SAID JOINT

PATENT

Case Reference	Country	Status	Grant date	Grant Number	Publication Number	Applicant(s) (last)	English Title
SE-12098-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-16040-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-16199-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
COMPOSITE FILLER PROFILE							
SE-9-343-CA-RD	Canada	Granted	16 Apr 2015	155613		ABB Technology Ltd	Tool for opening wires in cables
SE-9-343-CN-RD	China	Granted	20 Mar 2015	ZL 201430054530.3		ABB Technology Ltd	Tool for opening wires in cables
SE-9-343-EU-CD	European Union	Pending				ABB Technology Ltd	Tool for opening wires in cables
SE-9-343-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				ABB Technology AG	SYSTEMS AND METHODS FOR APPLYING METALLIC LAMINATES TO CABLES
SE-14043-US-CIP	United States Of America	Publication of application			WO 2015/094157	ABB Technology AG	SYSTEMS AND METHODS FOR APPLYING METALLIC LAMINATES TO CABLES
SE-14043-US-NP	United States Of America	Publication of application			US-2016-0055943	ABB Technology AG	HYBRID CONDUCTOR WITH CIRCUMFERENTIAL LAYERS
SE-14043-WO-PCT	International Procedure	Publication of application			US-2015-0055942-A1	ABB Technology AG	HYBRID CONDUCTOR
SE-14066-US-NP	United States Of America	Publication of application			WO2016094201	ABB Technology AG	HYBRID CONDUCTOR WITH CIRCUMFERENTIAL CONDUCTING LAYERS
SE-14066-WO-PCT	International Procedure	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
					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 (List)	English Title
Case Reference	Country								
SE-11508-GE-EPT[2]	Belgium	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	ABB Technology Ltd	A METHOD FOR PROVIDING AN INSULATED HIGH VOLTAGE POWER CABLE AND A HIGH VOLTAGE POWER CABLE ARRANGEMENT
SE-11508-SE-PCT[2]	Brazil	Pending				ABB Technology Ltd	A METHOD FOR PROVIDING AN INSULATED HIGH VOLTAGE POWER CABLE AND A HIGH VOLTAGE POWER CABLE ARRANGEMENT	ABB Technology Ltd	A METHOD FOR PROVIDING AN INSULATED HIGH VOLTAGE POWER CABLE AND A HIGH VOLTAGE POWER CABLE ARRANGEMENT
SE-11508-CH-EPT[2]	Switzerland	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	ABB Technology Ltd	A METHOD FOR PROVIDING AN INSULATED HIGH VOLTAGE POWER CABLE AND A HIGH VOLTAGE POWER CABLE ARRANGEMENT
SE-11508-CN-PCT[2]	China	Pending				ABB Technology Ltd	105114524	ABB Technology Ltd	A METHOD FOR PROVIDING AN INSULATED HIGH VOLTAGE POWER CABLE AND A HIGH VOLTAGE POWER CABLE ARRANGEMENT
SE-11508-DE-EPT[2]	Germany	Granted	20 Apr 2016	60, 2014, 001, 567, 5	2954603	ABB Technology Ltd	2954603	ABB Technology Ltd	A METHOD FOR PROVIDING AN INSULATED HIGH VOLTAGE POWER CABLE AND A HIGH VOLTAGE POWER CABLE ARRANGEMENT
SE-11508-FR-EPT[2]	France	Granted	20 Apr 2016	2954603	2954603	ABB Technology Ltd	2954603	ABB Technology Ltd	A METHOD FOR PROVIDING AN INSULATED HIGH VOLTAGE POWER CABLE AND A HIGH VOLTAGE POWER CABLE ARRANGEMENT
SE-11508-GB-EPT[2]	United Kingdom	Granted	20 Apr 2016	2954603	2954603	ABB Technology Ltd	2954603	ABB Technology Ltd	A METHOD FOR PROVIDING AN INSULATED HIGH VOLTAGE POWER CABLE AND A HIGH VOLTAGE POWER CABLE ARRANGEMENT
SE-11508-IN-PCT[2]	India	Pending				ABB Technology Ltd		ABB Technology Ltd	A METHOD FOR PROVIDING AN INSULATED HIGH VOLTAGE POWER CABLE AND A HIGH VOLTAGE POWER CABLE ARRANGEMENT
SE-11508-IT-EPT[2]	Italy	Granted	20 Apr 2016	2954603	2954603	ABB Technology Ltd	2954603	ABB Technology Ltd	A METHOD FOR PROVIDING AN INSULATED HIGH VOLTAGE POWER CABLE AND A HIGH VOLTAGE POWER CABLE ARRANGEMENT
SE-11508-JP-PCT[2]	Japan	Pending				ABB Technology Ltd		ABB Technology Ltd	A METHOD FOR PROVIDING AN INSULATED HIGH VOLTAGE POWER CABLE AND A HIGH VOLTAGE POWER CABLE ARRANGEMENT
SE-11508-KR-PCT[2]	South Korea / Rep. of Korea	Granted	24 Mar 2016	1625812		ABB Technology Ltd		ABB Technology Ltd	A METHOD FOR PROVIDING AN INSULATED HIGH VOLTAGE POWER CABLE AND A HIGH VOLTAGE POWER CABLE ARRANGEMENT
SE-11508-NL-EPT[2]	Netherlands	Granted	20 Apr 2016	2954603	2954603	ABB Technology Ltd	2954603	ABB Technology Ltd	A METHOD FOR PROVIDING AN INSULATED HIGH VOLTAGE POWER CABLE AND A HIGH VOLTAGE POWER CABLE ARRANGEMENT
SE-11508-US-PCT[2]	United States Of America	Pending				ABB Technology Ltd	US-2015-0357804-A1	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		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				ABB Technology AG	2013/012049	ABB Technology AG	Bulk power - high voltage transmission line (system)
CH-14085-WO-PCT	International Procedure	Publication of application				ABB Technology AG	2015/012050	ABB Technology AG	A flexible tubular electrical insulation line produced by multi-layer extrusion onto a flexible metal hose