

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
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
Internal Address:	5400 BADEN
City:	AARGAU
State/Country:	SWITZERLAND
PROPERTY NUMBERS Total: 1	
Property Type	Number
Patent Number:	8816206
CORRESPONDENCE DATA	
Fax Number:	(202)344-8300
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
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Address Line 4:	WASHINGTON, D.C. 20001
ATTORNEY DOCKET NUMBER:	43315-270942
NAME OF SUBMITTER:	JEFFRI A. KAMINSKI
SIGNATURE:	/Jeffri A. Kaminski/
DATE SIGNED:	03/08/2017
Total Attachments: 18	
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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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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 ALBERT*

SIGNED)
for and on behalf of)
ABB HV CABLES (SWITZERLAND))
GMBH)
SIGNATURE: *Robby Jacob Swedjenark*
NAME: *ROBBY JACOB SWEDJENARK*

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

Schedule 1A Business Owned IP

IP Contribution Agreement

Class Reference	Country	Status	Grant Date	Grant Number	Publication Number	Applicants (List)	English Title
CH-08-068	CH	Granted	20 Oct 2014	212009172590753		ABB RESEARCH LTD	Flexible Vulcanized Cable Joint for Direct Current with Resistive Field Grader Material
CH-08-069	EP	Pending				ABB RESEARCH LTD	Flexible Vulcanized Cable Joint for Direct Current with Resistive Field Grader Material
CH-08-068	IN	Pending				ABB RESEARCH LTD	Flexible Vulcanized Cable Joint for Direct Current with Resistive Field Grader Material
CH-08-068	US	Granted	12 Nov 13	8576032		ABB RESEARCH LTD	Flexible Vulcanized Cable Joint for Direct Current with Resistive Field Grader Material
06039-GB-EPT	GB	Abd	24 Nov 2010	1325373	1325373	SEABB	A method and a device for ensuring a satisfactory tensile strength when joining a submarine cable
06039-IT-EPT	IT	Abd	12 May 2014	33474	1325373	SEABB	A method and a device for ensuring a satisfactory tensile strength when joining a submarine cable
06039-NO-EPT	NO	Abd	25 Feb 2008	003294-2	519404	SEABB	A method and a device for ensuring a satisfactory tensile strength when joining a submarine cable
06039-SE-IP	SE	Abd	08 Jul 2008	1320916	1320916	SEABB	A method of restoring armoring on a cable
06039-GB-EPT	GB	Granted	11 Dec 2012	33280	1320916	SEABB	A method of restoring armoring on a cable
06039-IT-EPT	IT	Granted	08 Jul 2008	1320916	1320916	SEABB	A method of restoring armoring on a cable
06039-NO-EPT	NO	Granted	17 Dec 2001	003153-4		SEABB	A method of restoring armoring on a cable
06039-SE-IP	SE	Granted	08 Jul 2008	1320916	1320916	SEABB	A method of restoring armoring on a cable
06113-GB-EPT	GB	Granted	19 Jul 2009	279648E21008	1320615	SEABB	A method of restoring armoring on a cable
06113-IT-EPT	IT	Granted	26 Nov 2012	320668	1320615	SEABB	A method of restoring armoring on a cable
06113-NO-EPT	NO	Granted	17 Dec 2001	0001152-8		SEABB	A method of restoring armoring on a cable
06113-SE-IP	SE	Granted	27 Feb 2013	2092537	2092537	ABB RESEARCH LTD	High Voltage Cable
06657-CH-EPT	CH	Granted	24 Aug 2011	ZL20078040742-5	CN1171506116A	ABB RESEARCH LTD	High Voltage Cable
06657-CN-EPT	CN	Granted	27 Feb 2013	2092537	2092537	ABB RESEARCH LTD	High Voltage Cable
06657-DE-EPT	DE	Granted	27 Feb 2013	2092537	2092537	ABB RESEARCH LTD	High Voltage Cable
06657-DK-EPT	DK	Granted	27 Feb 2013	2092537	2092537	ABB RESEARCH LTD	High Voltage Cable
06657-FR-EPT	FR	Granted	27 Feb 2013	2092537	2092537	ABB RESEARCH LTD	High Voltage Cable
06657-GB-EPT	GB	Granted	27 Feb 2013	2092537	2092537	ABB RESEARCH LTD	High Voltage Cable
06657-IN-EPT	IN	Pending				ABB RESEARCH LTD	High Voltage Cable
06657-IT-EPT	IT	Granted	27 Feb 2013	2092537	2092537	ABB RESEARCH LTD	High Voltage Cable
06657-NL-EPT	NL	Granted	27 Feb 2013	2092537	2092537	ABB RESEARCH LTD	High Voltage Cable
06657-SE-IP	SE	Granted	17 Feb 2008	591908	0602832-9	ABB RESEARCH LTD	High Voltage Cable
09967-US-IP	US	Granted	29 Nov 2011	8,067,684 B2	US-2010-0078195-A1	ABB RESEARCH LTD	High Voltage Cable
09967-US-IP	US	Granted	04 Mar 2010	US 7,709,731	US-2007-03005-8	ABB Technology Ltd	An electric power supply system and a method of production thereof
10124-GB-EPT	GB	Pending	08 Dec 2010	2092536	2092536	ABB Technology Ltd	An electric power cable, an off-shore installation provided therewith, and use thereof
10124-DE-EPT	DE	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	IT	Pending				ABB Technology Ltd	An electric power cable, an off-shore installation provided therewith, and use thereof
10124-MX-EPT	MX	Granted	15 Mar 2011	263752	MX/02/2009/005385	ABB Technology Ltd	An electric power cable, an off-shore installation provided therewith, and use thereof
10124-US-EPT	US	Pending	26 Aug 2014	8,818,306	US-2010-1025071-A1	ABB Technology Ltd	An electric power cable, an off-shore installation provided therewith, and use thereof
10183-GB-EPT	GB	Granted	30 Nov 2011	ZL20080307744-6	CN101661697A	ABB Technology AG	An electric power cable
10183-CN-EPT	CN	Granted	05 Aug 2015	2150960	2150960	ABB Technology AG	An electric power cable
10183-DE-EPT	DE	Granted	05 Aug 2015	2150960	2150960	ABB Technology AG	An electric power cable
10183-FI-EPT	FI	Granted	05 Aug 2015	2150960	2150960	ABB Technology AG	An electric power cable
10183-FR-EPT	FR	Granted	05 Aug 2015	2150960	2150960	ABB Technology AG	An electric power cable
10183-GB-EPT	GB	Granted	05 Aug 2015	2150960	2150960	ABB Technology AG	An electric power cable
10183-IN-EPT	IN	Pending				ABB Technology AG	An electric power cable
10183-IT-EPT	IT	Granted	05 Aug 2015	2150960	2150960	ABB Technology AG	An electric power cable
10183-NO-EPT	NO	Granted	05 Aug 2015	2150960	2150960	ABB Technology AG	An electric power cable
10183-SE-EPT	SE	Granted	05 Aug 2015	2150960	2150960	ABB Technology AG	An electric power cable
10183-US-EPT	US	Granted	12 Mar 2015	9,029,704	US2010/016898A1	ABB Technology AG	An electric power cable
10223-AU-EPT	AU	Granted	17 Oct 2013	2008216825		ABB RESEARCH LTD	METHOD FOR PROVIDING AN INSULATED ELECTRIC HIGH VOLTAGE DC CABLE OR A HIGH VOLTAGE DC TERMINATION OR JOINT
10223-BE-EPT	BE	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
10223-CH-EPT	CH	Granted	18 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

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Case Reference	Country	Status	Grant date	Grant Number	Publication Number	Applicants (Last)	English Title
10223-CN-PCT	China	Granted	06 Nov 2015	ZL200860161780.6	CN101812103A	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	2477599		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 8,349,803		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			2332226	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-NP	China	Granted	05 Jun 2013	ZL200910137484.5	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-NP	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-NP	United States Of America	Granted	17 Jul 2012	8,222,554	US-2009-0274551-A1	ABB Technology Ltd	A protective casing for a high voltage cable
10554-AU-PCT	Australia	Granted	20 Aug 2018	2008385379		ABB Technology AG	A DC cable for high voltages
10554-CA-PCT	Canada	Granted	16 Feb 2016	2,746,439		ABB Technology AG	A DC cable for high voltages
10554-CN-PCT	China	Granted	10 Dec 2014	ZL200880132403.5	CN102252757B	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			50150HEMP2011.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	5746542	2015-152511	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	8,629,351	US-2011-027804-A1	ABB Technology AG	Cable joint for optical fibre composite electric power cable
10686-EP-PCT	European Procedure (Patents)	Pending			FI0915019-3	ABB Technology AG	Cable joint for optical fibre composite electric power cable
10686-CN-PCT	China	Granted	04 Mar 2015	ZL201080132583.3	CN102132188	ABB Technology AG	Cable joint for optical fibre composite electric power cable
10686-EP-EPT	European Procedure (Patents)	Pending			2321605	ABB Technology AG	Cable joint for optical fibre composite electric power cable

PATENT

Case Reference	Country	Status	Grant Date	Grant Number	Publication Number	Applicants (List)	English Title
10668-IN-PCT	India	Pending			10577/CHENP/2011	ABB Technology AG	Cable part for optical fibre composite electric power cable
10669-US-PCT	United States Of America	Granted	18 Mar 2014	8,676,020	US-2012-0033929-A1	ABB Technology AG	Cable joint for optical fibre composite electric power cable
10670-CN-PCT	China	Granted	23 Sep 2015	ZL2010800275623	CN102474089A	ABB Technology AG	A JOINT FOR A SUBMARINE CABLE
10671-DE-EPT	Germany	Granted	15 Oct 2014	2449641	2449641	ABB Technology AG	A JOINT FOR A SUBMARINE CABLE
10672-FI-EPT	Finland	Granted	15 Oct 2014	2449641	2449641	ABB Technology AG	A JOINT FOR A SUBMARINE CABLE
10673-FR-EPT	France	Granted	15 Oct 2014	2449641	2449641	ABB Technology AG	A JOINT FOR A SUBMARINE CABLE
10674-GB-EPT	United Kingdom	Granted	15 Oct 2014	2449641	2449641	ABB Technology AG	A JOINT FOR A SUBMARINE CABLE
10675-IT-EPT	Italy	Granted	15 Oct 2014	2449641	2449641	ABB Technology AG	A JOINT FOR A SUBMARINE CABLE
10676-NO-EPT	Norway	Granted	15 Oct 2014	2449641	2449641	ABB Technology AG	A JOINT FOR A SUBMARINE CABLE
10677-SE-EPT	Sweden	Granted	15 Oct 2014	2449641	2449641	ABB Technology AG	A JOINT FOR A SUBMARINE CABLE
10678-US-PCT	United States Of America	Granted	13 Aug 2015	8,507,785	US-2012-0167446-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	ZL2010800695216	CN102906954A	ABB RESEARCH LTD	A HIGH VOLTAGE DIRECT CURRENT CABLE TERMINATION APPARATUS
10681-DE-EPT	Germany	Granted	25 Mar 2015	2572424	2572424	ABB RESEARCH LTD	A HIGH VOLTAGE DIRECT CURRENT CABLE TERMINATION APPARATUS
10682-FR-EPT	France	Granted	25 Mar 2015	2572424	2572424	ABB RESEARCH LTD	A HIGH VOLTAGE DIRECT CURRENT CABLE TERMINATION APPARATUS
10683-GB-EPT	United Kingdom	Granted	25 Mar 2015	2572424	2572424	ABB RESEARCH LTD	A HIGH VOLTAGE DIRECT CURRENT CABLE TERMINATION APPARATUS
10684-IT-EPT	Italy	Granted	25 Mar 2015	2572424	2572424	ABB RESEARCH LTD	A HIGH VOLTAGE DIRECT CURRENT CABLE TERMINATION APPARATUS
10685-NL-EPT	Netherlands	Granted	25 Mar 2015	2572424	2572424	ABB RESEARCH LTD	A HIGH VOLTAGE DIRECT CURRENT CABLE TERMINATION APPARATUS
10686-NO-EPT	Norway	Granted	25 Mar 2015	2572424	2572424	ABB RESEARCH LTD	A HIGH VOLTAGE DIRECT CURRENT CABLE TERMINATION APPARATUS
10687-SE-EPT	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	Publication of application	17 Dec 2013	9,619,587	US-2013-0381944-A1	ABB Technology AG	Composite Formulations for DC Insulation
CH-14302-WO-PCT	International Procedure	Publication of application			2016/101886	ABB Technology AG	Composite Formulations for DC Insulation
SE-10659-CA-PCT	Canada	Grant	10 Jul 2015	2,799,594		ABB RESEARCH LTD	A HIGH VOLTAGE DIRECT CURRENT CABLE TERMINATION APPARATUS
SE-10659-CN-PCT	China	Grant	23 Sep 2015	ZL2010800695910	CN102906955A	ABB RESEARCH LTD	A HIGH VOLTAGE DIRECT CURRENT CABLE TERMINATION APPARATUS
SE-10659-FR-EPT	European Procedure (Patents)	Pending			2672423	ABB RESEARCH LTD	A HIGH VOLTAGE DIRECT CURRENT CABLE TERMINATION APPARATUS
SE-10659-US-PCT	United States Of America	Granted	03 Sep 2015	8,525,025	US-2013-0078836-A1	ABB RESEARCH LTD	A HIGH VOLTAGE DIRECT CURRENT CABLE TERMINATION APPARATUS
SE-10659-CA-PCT	Canada	Grant	05 Jul 2016	2,799,591		ABB RESEARCH LTD	A HIGH VOLTAGE DIRECT CURRENT CABLE TERMINATION APPARATUS
SE-10659-CN-PCT	China	Grant	13 Apr 2016	ZL2010800695218	CN102906953A	ABB RESEARCH LTD	A HIGH VOLTAGE DIRECT CURRENT CABLE TERMINATION APPARATUS
SE-10659-FR-EPT	European Procedure (Patents)	Pending			2672431	ABB RESEARCH LTD	A HIGH VOLTAGE DIRECT CURRENT CABLE TERMINATION APPARATUS
SE-10659-US-PCT	United States Of America	Granted	09 Feb 2015	9,946,632	US-2013-0075124-A1	ABB RESEARCH LTD	A HIGH VOLTAGE DIRECT CURRENT CABLE TERMINATION APPARATUS
SE-10660-CA-PCT	Canada	Pending				ABB RESEARCH LTD	A HIGH VOLTAGE DIRECT CURRENT CABLE TERMINATION APPARATUS
SE-10660-CN-PCT	China	Grant	06 Jul 2016	ZL2010800695203	CN103038965	ABB RESEARCH LTD	A HIGH VOLTAGE DIRECT CURRENT CABLE TERMINATION APPARATUS
SE-10660-FR-EPT	European Procedure (Patents)	Pending			2672422	ABB RESEARCH LTD	A HIGH VOLTAGE DIRECT CURRENT CABLE TERMINATION APPARATUS
SE-10660-US-PCT	United States Of America	Granted	17 Jun 2014	8,754,329	US-2013-0081857-A1	ABB RESEARCH LTD	A HIGH VOLTAGE DIRECT CURRENT CABLE TERMINATION APPARATUS
SE-10661-DE-EPT	Germany	Granted	31 Dec 2014	2559124	2559124	ABB Technology AG	DEVICE AND METHOD FOR MACHINING AN ELECTRICAL CABLE
SE-10661-FI-EPT	Finland	Granted	31 Dec 2014	2559124	2559124	ABB Technology AG	DEVICE AND METHOD FOR MACHINING AN ELECTRICAL CABLE
SE-10661-FR-EPT	France	Granted	31 Dec 2014	2559124	2559124	ABB Technology AG	DEVICE AND METHOD FOR MACHINING AN ELECTRICAL CABLE
SE-10661-GB-EPT	United Kingdom	Granted	31 Dec 2014	2559124	2559124	ABB Technology AG	DEVICE AND METHOD FOR MACHINING AN ELECTRICAL CABLE
SE-10661-IT-EPT	Italy	Granted	31 Dec 2014	2559124	2559124	ABB Technology AG	DEVICE AND METHOD FOR MACHINING AN ELECTRICAL CABLE
SE-10661-NL-EPT	Netherlands	Granted	31 Dec 2014	2559124	2559124	ABB Technology AG	DEVICE AND METHOD FOR MACHINING AN ELECTRICAL CABLE
SE-10661-NO-EPT	Norway	Granted	31 Dec 2014	2559124	2559124	ABB Technology AG	DEVICE AND METHOD FOR MACHINING AN ELECTRICAL CABLE
SE-10661-SE-EPT	Sweden	Granted	31 Dec 2014	2559124	2559124	ABB Technology AG	DEVICE AND METHOD FOR MACHINING AN ELECTRICAL CABLE
SE-10661-US-PCT	United States Of America	Granted	25 Aug 2015	2,821,796	US-2013-0033011-A1	ABB Technology AG	High voltage electric cable
SE-10661-CA-PCT	Canada	Granted	01 Jul 2015	ZL201080070677.2	CN103452117A	ABB Technology AG	High voltage electric cable
SE-10661-CN-PCT	China	Granted	26 Feb 2015	2652754	2652754	ABB Technology AG	High voltage electric cable
SE-10661-FR-EPT	France	Granted	26 Feb 2015	2652754	2652754	ABB Technology AG	High voltage electric cable
SE-10661-GB-EPT	United Kingdom	Granted	25 Jan 2015	5674961	2014-503225	ABB Technology AG	High voltage electric cable
SE-10661-IT-EPT	Italy	Granted	08 Jan 2014	5,847,069	US-2013-0289566	ABB Technology AG	High voltage electric cable
SE-10661-NL-EPT	Netherlands	Granted	30 Sep 2014	2,865,751		ABB RESEARCH LTD	A thickness controlled laminated insulation layer for a direct current (DC) transmission system
SE-10661-NO-EPT	Norway	Granted	05 Apr 2016	2,865,751		ABB RESEARCH LTD	A thickness controlled laminated insulation layer for a direct current (DC) transmission system
SE-11244-CA-PCT	Canada	Pending			2011800750591	ABB RESEARCH LTD	A thickness controlled laminated insulation layer for a direct current (DC) transmission system
SE-11244-CN-PCT	China	Pending			4677/CHENP/2014A	ABB RESEARCH LTD	A thickness controlled laminated insulation layer for a direct current (DC) transmission system
SE-11244-IN-PCT	India	Pending			2763973	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	2763973		ABB RESEARCH LTD	A thickness controlled laminated insulation layer for a direct current (DC) transmission system
SE-11244-NO-EPT	Norway	Grant	15 Nov 2015	2763973		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	19 Nov 2015	2783373	2783373	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	08 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-11277-CN-PCT	China	Pending			CN104220894A	ABB Technology Ltd	Method for determining an electrical property of cable insulation
SE-11277-EP-EPT	European Procedures (Patents)	Pending			2931606	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-2015-0015279-A1	ABB Technology Ltd	Method for determining an electrical property of cable insulation
SE-11268-CA-PCT	Canada	Granted	26 Jun 2016	2,695,265		ABB Technology Ltd	Method for determining an electrical property of cable insulation
SE-11268-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-11268-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-11268-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-11268-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-11268-GB-EPT	United Kingdom	Pending			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-11268-IN-PCT	India	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-11268-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-11268-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-11268-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-11268-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-11268-US-PCT	United States Of America	Granted	15 Sep 2015	9,135,040	US-2014-0167194-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 Procedures (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	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	ZL2011200793889	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 Procedures (Patents)	Pending			2864628	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	5647359	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	1529466		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-2015-0125118-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	2012950566		ABB Schweiz AG	Heat treatment Extruded DC cables
SE-11386-CA-PCT	Canada	Granted	02 Feb 2016	2,892,875		ABB Schweiz AG	Heat treatment Extruded DC cables
SE-11386-CN-PCT	China	Grant	19 Oct 2016	ZL201200077833.9	1049653016	ABB Schweiz AG	Heat treatment Extruded DC cables
SE-11386-EP-EPT	European Procedures (Patents)	Examined/Grant	25 Nov 2015	2432511	2932511	ABB Schweiz AG	Heat treatment Extruded DC cables
SE-11386-DE-EPT	Germany	Grant	30 Nov 2016	2932511	2932511	ABB Schweiz AG	Heat treatment Extruded DC cables
SE-11386-FI-EPT	Finland	Grant	30 Nov 2016	2932511	2932511	ABB Schweiz AG	Heat treatment Extruded DC cables
SE-11386-FR-EPT	France	Grant	30 Nov 2016	2932511	2932511	ABB Schweiz AG	Heat treatment Extruded DC cables
SE-11386-GB-EPT	United Kingdom	Grant	30 Nov 2016	2932511	2932511	ABB Schweiz AG	Heat treatment Extruded DC cables
SE-11386-GR-EPT	Greece	Grant	30 Nov 2016	2932511	2932511	ABB Schweiz AG	Heat treatment Extruded DC cables
SE-11386-IT-EPT	Italy	Grant	30 Nov 2016	2932511	2932511	ABB Schweiz AG	Heat treatment Extruded DC cables
SE-11386-JP-EPT	United Kingdom	Grant	30 Nov 2016	2932511	2932511	ABB Schweiz AG	Heat treatment Extruded DC cables
SE-11386-KR-EPT	United Kingdom	Grant	30 Nov 2016	2932511	2932511	ABB Schweiz AG	Heat treatment Extruded DC cables
SE-11386-NL-PCT	India	Abd				ABB Schweiz AG	Heat treatment Extruded DC cables
SE-11386-PT-PCT	India	Pending				ABB Schweiz AG	Heat treatment Extruded DC cables
SE-11386-RF-PCT	South Korea / Repending of	Granted	28 Jan 2016	1591636	2016-503842	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-2015-0323216-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	2,834,629		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	ZL201390079805.1	104737241	ABB RESEARCH LTD	A radial water barrier and a dynamic high voltage submarine cable for deep water applications

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SE-11634-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-11634-US-PCT	United States Of America	Grant	22 Nov 2016	9,502,157	US-2016-0111195-A1	ABB Technology Ltd	A POWER CABLE ASSEMBLY DEVICE AND A POWER CABLE PROVIDED WITH SUCH A DEVICE
SE-11611-CN-PCT	China	Pending			105450324	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	9,345,102	US-2015-0065049-A1	ABB Technology Ltd	A TOOL FOR OPENING AN EXTRUDED PROFILED BODY OF A POWER CORD ASSEMBLY DEVICE
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[2]	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	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	Abj			US-2016-0170081-A1	ABB Technology Ltd	A power cable assembly device and a power cable provided with such a device
SE-11619-CN-PCT	China	Pending			CN105519353A	ABB Technology Ltd	Tool and method for extracting wires from a cable
SE-11618-EP-EPT	European Procedure (Patents)	Pending				ABB Technology Ltd	Tool and method for extracting wires from a cable
SE-11618-US-PCT	United States Of America	Grant	22 Nov 2016	9,502,269		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-11661-AU-PCT	Australia	Pending				ABB Technology Ltd	A POWER CABLE ASSEMBLY DEVICE AND A POWER CABLE PROVIDED WITH SUCH A DEVICE
SE-11661-EP-EPT	European Procedure (Patents)	Pending				ABB Technology Ltd	A POWER CABLE ASSEMBLY DEVICE AND A POWER CABLE PROVIDED WITH SUCH A DEVICE
SE-11661-JP-PCT	Japan	Pending				ABB Technology Ltd	A POWER CABLE ASSEMBLY DEVICE AND A POWER CABLE PROVIDED WITH SUCH A DEVICE
SE-11661-KR-PCT	South Korea / Repending/le of Korea	Pending				ABB Technology Ltd	A POWER CABLE ASSEMBLY DEVICE AND A POWER CABLE PROVIDED WITH SUCH A DEVICE
SE-11661-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-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	Abj				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/le 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			WO2015/124180	ABB Technology Ltd	POWER CABLE TERMINATION DEVICE FOR GAS-INSULATED SWITCHGEAR
SE-11739-WO-PC	International Procedure	Expiry			WO2015/124173	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 hring off with melted weight and force carrying parts for armored high voltage cables
SE-11740-WO-PC	International Procedure	Abj			WO2015/153367	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			WO2015/161894	ABB Schweiz AG	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-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	Heatshrink adapter collar for welding or soldering of FIMT-joints
SE-11768-WO-PCT	International Procedure	Abd			WO2015/135665	ABB Technology Ltd	POWER CABLE AND METHOD OF MANUFACTURING THE SAME
SE-11832-WO-PCT	International Procedure	Expired			WO2016/007795	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			WO2016/056538	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-11858-WO-PCT	International Procedure	Pending			2016/094219	ABB Technology Ltd	STRAIGHTENING A LENGTH OF CABLE IN THE HOUSING
SE-11909-WO-PCT	International Procedure	Pending			WO2016/082800	ABB Technology Ltd	JOINTED POWER CABLE AND METHOD OF MANUFACTURING THE SAME
SE-11946-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-11968-WO-PCT	International Procedure	Abd			WO2015/197686	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-11985-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-12012-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-12022-WO-PCT	International Procedure	Pending				ABB Technology Ltd	NEXT LEVEL NANOCOMPOSITES FOR ELECTRICAL INSULATION
SE-12026-WO-PCT	International Procedure	Pending				ABB Technology Ltd	DEVICE AND METHOD FOR MEASURING CAPACITANCE OF POWER CABLES
SE-12039-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-12038-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	Applicants (List)	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	skrot vet åsar
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	Acquired		SE 1600224-B		ABB Technology Ltd	A RIGID JOINT ASSEMBLY
SE-16193-SE-NP	Sweden	Filing (to be published)				ABB Schweiz AG	Electric power cable and a process for the production of the power cable
SE-9-343-CA-RD	Canada	Granted	16 Apr 2015	159613		ABB Technology Ltd	COMPOSITE FILLER PROFILE
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-RD	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-141836-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-141030-WO-PCT	International Procedure	Publication of application		WO 2015/094187		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-14043-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-141066-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-141066-WO-PCT	International Procedure	Publication of application		WO20161054184		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	Case Reference	Country	Status	Grant date	Grant Number	Publication Number	Applicants (Es)	English Title
SE-11508-GB-EPT[2]		Granted		SE-11508-GB-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
SE-11508-BR-PCT[2]		Pending		SE-11508-BR-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-CH-EPT[2]		Granted		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
SE-11508-CN-PCT[2]		Pending		SE-11508-CN-PCT[2]	China	Pending		105144624		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]		Granted		SE-11508-DE-EPT[2]	Germany	Granted	20 Apr 2016	60 2014 001 587 5	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]		Granted		SE-11508-FR-EPT[2]	France	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-GB-EPT[2]		Granted		SE-11508-GB-EPT[2]	United Kingdom	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-IN-PCT[2]		Pending		SE-11508-IN-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-IT-EPT[2]		Granted		SE-11508-IT-EPT[2]	Italy	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-JP-PCT[2]		Pending		SE-11508-JP-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-KR-PCT[2]		Granted		SE-11508-KR-PCT[2]	South Korea / Re/Pending of Korea	Granted	24 Mar 2016	1625812		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]		Granted		SE-11508-NL-EPT[2]	Netherlands	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-US-PCT[2]		Pending		SE-11508-US-PCT[2]	United States Of America	Pending		US-2015-0837804-A1		ABB Technology Ltd	A METHOD FOR PROVIDING AN INSULATED HIGH VOLTAGE POWER CABLE AND A HIGH VOLTAGE POWER CABLE ARRANGEMENT
SE-1209-WO-PCT		Pending		SE-1209-WO-PCT	International Procedure	Pending				ABB Technology AG	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		Publication of application		CH-14084-WO-PCT	International Procedure	Publication of application		2018/012049		ABB Technology AG	Bulk power - high voltage transmission line (system)
CH-14084-WO-PCT		Publication of application		CH-14084-WO-PCT	International Procedure	Publication of application		2018/012050		ABB Technology AG	A flexible tubular electrical insulation line produced by multi-layer extrusion onto a flexible metal hose

Firmennummer CHE-343.542.541	Rechtsnatur Gesellschaft mit beschränkter Haftung	Eintragung 01.12.2016	Löschung	Übertrag von: auf:	1
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Alle Eintragungen

Ei	Lö	Firma	Ref	Sitz
1		ABB HV Cables (Switzerland) GmbH	1	Baden
1		(ABB HV Cables (Switzerland) Sàrl) (ABB HV Cables (Switzerland) LLC)		

Ref	Stammkap.(CHF)	Ei	Ae	Lö	Stammanteile	Gesellschafter (siehe Personalangaben)	Ei	Lö	Domiziladresse
1	20'000.00	1			200 x 100.00	ABB Schweiz AG (CHE-101.538.426)	1		Brown Boveri Strasse 6 5400 Baden

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Ei	Lö	Bemerkungen	Ref	Statutendatum
1		Vom Gesetz abweichende Modalitäten für die Abtretung von Stammanteilen gemäss näherer Umschreibung in den Statuten.	1	30.11.2016
1		Mitteilungen an die Gesellschafter erfolgen per Brief, E-Mail oder Telefax an die im Anteilbuch verzeichneten Adressen.		

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AG	1	11476	01.12.2016		(Genehmigung)	EHRA							

Ei	Ae	Lö	Personalangaben	Funktion	Zeichnungsart
1			ABB Schweiz AG (CHE-101.538.426), in Baden	Gesellschafterin	Kollektivunterschrift zu zweien
1			Cotting, René, von Tentlingen, in Stäfa	Geschäftsführer	
1			Lütolf, Remo, von Meggen, in Meggen	Vorsitzender der Geschäftsführung	
1			Ernst & Young AG (CHE-491.907.686), in Zürich	Revisionsstelle	Kollektivunterschrift zu zweien

Aarau, 02.12.2016 15:16

Auszug beglaubigt
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