

Title (en)

INDUCTION CABLE, COUPLING DEVICE, AND METHOD FOR PRODUCING AN INDUCTION CABLE

Title (de)

INDUKTIONSKABEL, KUPPLUNGSVORRICHTUNG SOWIE VERFAHREN ZUM HERSTELLEN EINES INDUKTIONSKABELS

Title (fr)

CÂBLE À INDUCTION, DISPOSITIF D'ACCOUPLEMENT AINSI QUE PROCÉDÉ SERVANT À FABRIQUER UN CÂBLE À INDUCTION

Publication

**EP 3111039 A1 20170104 (DE)**

Application

**EP 15712066 A 20150227**

Priority

- DE 102014203773 A 20140228
- EP 2015054181 W 20150227

Abstract (en)

[origin: WO2015128483A1] The invention relates to an induction cable (1) comprising a plurality of cable conductors (6), each having a conductor strand (9) surrounded by insulation (11), wherein the conductor strand (9) comprises a plurality of conductor sections (8) which are spaced apart in the longitudinal cable direction (2) at resonance dividing points (R) by insulating intermediate pieces (10). The induction cable (1) furthermore comprises a coupling device (3) on which a plurality of the conductor strands (6) are separated forming coupling ends (20a, b) at coupling positions (K). The coupling ends (20a, b) are connected to each other via the coupling device (3). A simple providing and installing of the induction cable (1) and a simple replacement of damaged cable parts (4) is thus enabled.

IPC 8 full level

**E21B 43/24** (2006.01)

CPC (source: EP US)

**H01B 3/12** (2013.01 - EP US); **H01B 7/009** (2013.01 - US); **H01B 7/0208** (2013.01 - US); **H01B 13/0036** (2013.01 - US); **H01R 11/32** (2013.01 - US); **H01R 24/28** (2013.01 - US); **H05B 6/108** (2013.01 - EP US); **E21B 43/2401** (2013.01 - EP US); **H05B 2214/03** (2013.01 - EP US)

Citation (search report)

See references of WO 2015128483A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2015128483 A1 20150903**; CA 2940875 A1 20150903; CA 2940875 C 20220315; EA 035984 B1 20200909; EA 201691750 A1 20161230; EP 3111039 A1 20170104; EP 3111039 B1 20230927; US 10614930 B2 20200407; US 2017004902 A1 20170105

DOCDB simple family (application)

**EP 2015054181 W 20150227**; CA 2940875 A 20150227; EA 201691750 A 20150227; EP 15712066 A 20150227; US 201615250268 A 20160829