

Title (en)

COIL WITH A CONTACT SLEEVE FOR ELECTRICAL CONNECTION

Title (de)

SPULE MIT EINER KONTAKTHÜLSE ZUR ELEKTRISCHEN VERBINDUNG

Title (fr)

BOBINE POURVUE D'UNE DOUILLE DE CONTACT POUR CONNEXION ELECTRIQUE

Publication

EP 1745539 A1 20070124 (DE)

Application

EP 05734855 A 20050404

Priority

- EP 2005003515 W 20050404
- DE 102004022254 A 20040504

Abstract (en)

[origin: DE102004022254B3] The coil has a coil former (2) provided with a channel defined between 2 side flanges and/or a pocket for reception of a winding wire, which is electrically connected to a sleeve, in turn electrically connected to a conductor or filament of an electrical cable, the electrical connections provided by deformable tongue sections of the sleeve with subsequent soldering. A first deformable tongue section of the sleeve is used for guidance of the winding wire, a second deformable tongue section acting as a fixing tongue for providing the connection with the winding wire and a third deformable tongue section used for soldering to the cable conductor or filament.

IPC 8 full level

H02K 5/22 (2006.01); **H01F 5/04** (2006.01); **H01R 4/18** (2006.01); **H01F 5/02** (2006.01); **H01R 13/41** (2006.01)

CPC (source: EP US)

H01F 5/04 (2013.01 - EP US); **H01R 4/187** (2013.01 - EP US); **H01F 5/02** (2013.01 - EP US); **H01R 13/41** (2013.01 - EP US)

Citation (search report)

See references of WO 2005109606A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

DE 102004022254 B3 20050630; AU 2005241611 A1 20051117; AU 2005241611 B2 20091112; BR PI0509618 A 20070918; BR PI0509618 B1 20180306; CA 2561197 A1 20051117; CA 2561197 C 20110104; CN 1950987 A 20070418; CN 1950987 B 20140723; EP 1745539 A1 20070124; EP 1745539 B1 20150610; JP 2007536751 A 20071213; JP 4886677 B2 20120229; US 2007222312 A1 20070927; US 7839252 B2 20101123; WO 2005109606 A1 20051117

DOCDB simple family (application)

DE 102004022254 A 20040504; AU 2005241611 A 20050404; BR PI0509618 A 20050404; CA 2561197 A 20050404; CN 200580014127 A 20050404; EP 05734855 A 20050404; EP 2005003515 W 20050404; JP 2007511899 A 20050404; US 57977405 A 20050404