

Title (en)
ELECTRIC COUPLING ELEMENT

Title (de)
ELEKTRISCHES KUPPLUNGSELEMENT

Title (fr)
ÉLÉMENT DE COUPLAGE ÉLECTRIQUE

Publication
EP 2810342 B1 20150610 (DE)

Application
EP 12816232 A 20121123

Priority

- DE 102012100815 A 20120201
- DE 2012100357 W 20121123

Abstract (en)
[origin: CA2863251A1] The invention relates to an electric coupling element (1). Pin or socket contact elements (20), with which an electric conductor (3) can be brought into contact by means of a screwable connection means (28), are arranged in an electrically insulating main part (10). Openings (18) in the main part (10) are covered by means of a covering panel (30) in order to ensure the electric insulation of the individual contact elements (20). For assembly purposes, the covering panel (30) is movably attached to the main part (10) such that the covering panels (30, 30') of two coupling elements (1, 1') are mutually actuated when joined together.

IPC 8 full level
H01R 13/447 (2006.01); **H01R 4/36** (2006.01); **H01R 9/24** (2006.01); **H01R 13/502** (2006.01); **H01R 13/514** (2006.01); **H01R 13/518** (2006.01)

CPC (source: EP RU US)
H01R 4/36 (2013.01 - EP US); **H01R 9/2408** (2013.01 - EP US); **H01R 13/447** (2013.01 - EP RU US); **H01R 13/502** (2013.01 - EP US); **H01R 13/514** (2013.01 - EP US); **H01R 13/518** (2013.01 - EP US)

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

DOCDB simple family (publication)
DE 102012100815 B3 20130124; BR 112014018987 A2 20201027; CA 2863251 A1 20130808; CA 2863251 C 20160830; CN 104205510 A 20141210; CN 104205510 B 20161026; DK 2810342 T3 20150831; EP 2810342 A1 20141210; EP 2810342 B1 20150610; ES 2544473 T3 20150831; HU E027535 T2 20161128; JP 2015509272 A 20150326; JP 5808504 B2 20151110; KR 101708102 B1 20170217; KR 20140129079 A 20141106; PL 2810342 T3 20151231; RU 2014135271 A 20160327; RU 2608761 C2 20170124; US 2014370731 A1 20141218; US 9236679 B2 20160112; WO 2013113301 A1 20130808

DOCDB simple family (application)
DE 102012100815 A 20120201; BR 112014018987 A 20121123; CA 2863251 A 20121123; CN 201280072175 A 20121123; DE 2012100357 W 20121123; DK 12816232 T 20121123; EP 12816232 A 20121123; ES 12816232 T 20121123; HU E12816232 A 20121123; JP 2014555073 A 20121123; KR 20147024553 A 20121123; PL 12816232 T 20121123; RU 2014135271 A 20121123; US 201214375921 A 20121123