

Title (en)

Direct connector comprising a housing and at least a direct contact and electrical arrangement comprising such connector

Title (de)

Direktsteckelement mit einem Gehäuse und wenigstens einem Direktkontakt und elektrische Anordnung umfassend diesen Direktsteckelement

Title (fr)

Élément enfichable directement comprenant un boîtier et au moins un contact direct ainsi qu'un ensemble électrique comprenant cet élément

Publication

EP 2686917 B1 20171108 (DE)

Application

EP 12708094 A 20120217

Priority

- DE 102011005544 A 20110315
- EP 2012052797 W 20120217

Abstract (en)

[origin: WO2012123221A1] The invention relates to an electrical assembly, comprising a carrier plate having at least one exposed contact region (51, 52, 53, 54) and a carrier plate housing (4), a direct plug-in element (3) having a housing (30) and at least one direct contact (31, 32, 33, 34), wherein the direct contact establishes contact with the contact region in the mounted state, a detachable first hinge connection (6) having a hinge part (61) on the carrier plate housing (4) and a second hinge part (62) on the housing (30) of the direct plug-in element (3), and a securing element (8), which secures the direct plug-in element (3) to the carrier plate housing (4).

IPC 8 full level

H01R 13/52 (2006.01); **H01R 12/71** (2011.01); **H01R 12/75** (2011.01); **H01R 13/627** (2006.01); **H01R 107/00** (2006.01)

CPC (source: EP US)

H01R 12/7023 (2013.01 - EP US); **H01R 12/71** (2013.01 - US); **H01R 13/5221** (2013.01 - EP US); **H01R 13/6272** (2013.01 - EP US); **H01R 12/714** (2013.01 - EP US); **H01R 12/75** (2013.01 - EP US); **H01R 13/501** (2013.01 - EP US); **H01R 2107/00** (2013.01 - EP US); **H01R 2201/26** (2013.01 - EP US)

Citation (examination)

DE 102005063239 A1 20070621 - BOSCH GMBH ROBERT [DE]

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 102011005544 A1 20120920; CN 103444010 A 20131211; CN 103444010 B 20160629; EP 2686917 A1 20140122; EP 2686917 B1 20171108; EP 3300180 A1 20180328; JP 2014512068 A 20140519; JP 5714138 B2 20150507; TW 201242176 A 20121016; TW I596835 B 20170821; US 2014065854 A1 20140306; US 9385456 B2 20160705; WO 2012123221 A1 20120920

DOCDB simple family (application)

DE 102011005544 A 20110315; CN 201280013164 A 20120217; EP 12708094 A 20120217; EP 17196407 A 20120217; EP 2012052797 W 20120217; JP 2013558353 A 20120217; TW 101108385 A 20120313; US 201214004813 A 20120217