

Title (en)  
SEALED ELECTRICAL PLUG CONNECTOR ARRANGEMENT

Title (de)  
GEDICHTETE ELEKTRISCHE STECKVERBINDERANORDNUNG

Title (fr)  
ENSEMBLE CONNECTEUR ÉLECTRIQUE RENDU ÉTANCHE

Publication  
**EP 3437162 A1 20190206 (DE)**

Application  
**EP 17715083 A 20170329**

Priority  
• DE 102016105725 A 20160330  
• EP 2017057370 W 20170329

Abstract (en)  
[origin: WO2017167785A1] The invention relates to an electrical connection arrangement (1) for producing a detachable electrical connection, having one or more plug connectors, wherein the connection arrangement (1) comprises the following: a. a housing (10), which forms at least one housing wall (11), in which there are one or more, preferably cylindrical openings (12); b. one or more plug connectors (20), each of which having a cylindrical plug connector housing (21) protruding through an opening (12); c. wherein a contact carrier (23) carrying a contact (22) is arranged in each of the cylindrical plug connector housing(s) (21), the contact connections (24) of which are on a common mounting plane (M) for electrically contacting a circuit board (30), d. wherein the housing wall (11) of the housing (10) is integrally joined to the cylindrical plug connector housing(s) (21) via the outer casing (25) thereof.

IPC 8 full level  
**H01R 13/405** (2006.01); **B23K 26/244** (2014.01); **H01R 9/24** (2006.01); **H01R 13/504** (2006.01); **H01R 13/52** (2006.01); **H05K 5/00** (2006.01)

CPC (source: EP US)  
**B23K 1/0016** (2013.01 - EP US); **B23K 1/19** (2013.01 - EP US); **B23K 26/28** (2013.01 - EP US); **H01R 9/2491** (2013.01 - EP US); **H01R 12/707** (2013.01 - EP); **H01R 13/504** (2013.01 - EP US); **H01R 13/5202** (2013.01 - EP US); **B23K 2101/42** (2018.08 - 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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**DE 202016102579 U1 20160620**; DE 102016105725 A1 20171005; EP 3437162 A1 20190206; US 10756476 B2 20200825; US 2019115686 A1 20190418; WO 2017167785 A1 20171005

DOCDB simple family (application)  
**DE 202016102579 U 20160330**; DE 102016105725 A 20160330; EP 17715083 A 20170329; EP 2017057370 W 20170329; US 201716089810 A 20170329