

Title (en)
ELECTRICAL CONNECTION DEVICE

Title (de)
ELEKTRISCHE ANSCHLUSSVORRICHTUNG

Title (fr)
DISPOSITIF DE RACCORDEMENT ÉLECTRIQUE

Publication
EP 3149811 A1 20170405 (DE)

Application
EP 15725285 A 20150520

Priority
• EP 14170300 A 20140528
• EP 2015061115 W 20150520

Abstract (en)
[origin: WO2015181021A1] An electrical connection device (1), especially in the form of a connecting box, comprises a housing (2) having a wall (4) delimiting an inner space (3), electrical components (5) arranged in said inner space (3) and having at least two connecting portions (6, 7, 8), and at least two connecting holes (9, 10, 11) passing through the wall (4), through which external elements (12) connectable to the connecting portions (6, 7, 8) can be guided into the inner space (3). The connection device (1) further comprises a mechanical safety element (13) having a number of stop elements (14, 15, 16) that corresponds to the number of connecting portions (6, 7, 8), which stop elements (14, 15, 16) provide a mechanical stop for the external elements (12).

IPC 8 full level
H01R 13/635 (2006.01); **H01R 105/00** (2006.01)

CPC (source: CN EP US)
H01R 13/629 (2013.01 - US); **H01R 13/635** (2013.01 - CN EP US); **H01R 24/28** (2013.01 - US); **H01R 2105/00** (2013.01 - CN EP US)

Citation (search report)
See references of WO 2015181021A1

Citation (examination)
• DE 29822350 U1 19990225 - CHANG CHI TSAI [TW]
• DE 102007030450 A1 20090102 - BOSCH GMBH ROBERT [DE]
• GB 657722 A 19510926 - CHARLES DUNCAN HENRY WEBB, et al

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 2015181021 A1 20151203; CN 106463886 A 20170222; EP 3149811 A1 20170405; JP 2017517112 A 20170622;
US 2017149173 A1 20170525; US 9871321 B2 20180116

DOCDB simple family (application)
EP 2015061115 W 20150520; CN 201580027690 A 20150520; EP 15725285 A 20150520; JP 2016568932 A 20150520;
US 201515313340 A 20150520