

Title (en)  
PLUG

Title (de)  
STECKER

Title (fr)  
CONNECTEUR

Publication  
**EP 3311452 B1 20190227 (DE)**

Application  
**EP 16720084 A 20160426**

Priority  
• DE 102015211417 A 20150622  
• EP 2016059228 W 20160426

Abstract (en)  
[origin: WO2016206830A1] Plug (1) for producing an electrical connection protected against polarity reversal, comprising a moulded part (2) made of a plastic, the outer circumference of which is formed at least in one sub-region by a cuboid (3) having rounded edges (4a, 4b), which is continued into a semi-circular cylinder (5), wherein the moulded part (2) comprises a cavity (7) open towards the end face (6) thereof for receiving the electrical contacts (8a, 8b, 8c) and wherein said end face (6) contains the bottom surface (3a) of the cuboid (3), wherein at least one lateral face (9, 10, 11) of the cuboid (3) comprises at least one recess (12, 13, 4, 15) extending along the rounded edge (4a, 4b).

IPC 8 full level  
**H01R 13/50** (2006.01); **H01R 13/64** (2006.01); **H01R 43/18** (2006.01); **H01R 103/00** (2006.01)

CPC (source: CN EP KR)  
**H01R 13/50** (2013.01 - CN EP KR); **H01R 13/504** (2013.01 - CN); **H01R 13/64** (2013.01 - KR); **H01R 43/18** (2013.01 - KR); **H01R 43/24** (2013.01 - CN); **H01R 13/64** (2013.01 - EP); **H01R 43/18** (2013.01 - EP); **H01R 2103/00** (2013.01 - EP KR)

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 102015211417 A1 20161222**; CN 107836064 A 20180323; CN 107836064 B 20191115; EP 3311452 A1 20180425; EP 3311452 B1 20190227; KR 102503959 B1 20230228; KR 20180018813 A 20180221; WO 2016206830 A1 20161229

DOCDB simple family (application)  
**DE 102015211417 A 20150622**; CN 201680036427 A 20160426; EP 16720084 A 20160426; EP 2016059228 W 20160426; KR 20187001909 A 20160426