

Title (en)
PLUG WITH PROTECTIVE CONDUCTOR BRIDGE

Title (de)
STECKVERBINDER MIT SCHUTZLEITERBRÜCKE

Title (fr)
CONNECTEUR ENFICHABLE ÉQUIPÉ D'UN PONT DE CONNEXION DE CONDUCTEURS DE PROTECTION

Publication
EP 3577725 A1 20191211 (DE)

Application
EP 18702903 A 20180116

Priority
• DE 102017102223 A 20170206
• DE 2018100028 W 20180116

Abstract (en)
[origin: WO2018141327A1] The invention relates to a plug (1) to be mechanically and electrically connected to a corresponding mating plug, comprising a housing (2), a protective conductor bridge (3), and a plug insert; the housing (2) comprises at least one connecting section (9) to be connected to the plug insert, and the plug insert is mounted on the at least one connecting section (9); the protective conductor bridge (3) can be inserted from above into the housing (2) or into retaining frame (4).

IPC 8 full level
H01R 13/512 (2006.01); **H01R 13/516** (2006.01); **H01R 13/655** (2006.01)

CPC (source: EP KR US)
H01R 13/512 (2013.01 - EP KR US); **H01R 13/516** (2013.01 - KR US); **H01R 13/53** (2013.01 - US); **H01R 13/655** (2013.01 - EP KR US); **H01R 13/516** (2013.01 - EP)

Citation (search report)
See references of WO 2018141327A1

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 102017102223 B3 20180719; CN 110268585 A 20190920; CN 110268585 B 20210723; EP 3577725 A1 20191211; EP 3577725 B1 20210505; KR 102250426 B1 20210512; KR 20190112116 A 20191002; US 10714873 B2 20200714; US 2019386436 A1 20191219; WO 2018141327 A1 20180809

DOCDB simple family (application)
DE 102017102223 A 20170206; CN 201880010261 A 20180116; DE 2018100028 W 20180116; EP 18702903 A 20180116; KR 20197025846 A 20180116; US 201816479304 A 20180116