

Title (en)

PLUG CONNECTION FOR A BATTERY CHARGER CONNECTION, WITHOUT INTERLOCKING HOUSING ENGAGEMENT

Title (de)

STECKVERBINDUNG FÜR EINEN AKKU-LADEANSCHLUSS OHNE FORMSCHLÜSSIGE GEHÄUSEVERRASTUNG

Title (fr)

SYSTÈME DE CONNEXION PAR ENFICHAGE POUR UNE PRISE DE RECHARGE DE BATTERIE, SANS ENCLIQUETAGE DE BOÎTIER PAR COMPLÉMENTARITÉ DE FORME

Publication

EP 3721507 A1 20201014 (DE)

Application

EP 18814884 A 20181205

Priority

- DE 102017129050 A 20171206
- EP 2018083593 W 20181205

Abstract (en)

[origin: WO2019110640A1] The invention relates to a plug connection (1) comprising an installation socket (2) and a plug connector (3) that can be plugged into same, characterised in that a radial seal (4) on said plug connector (3) is shaped or arranged such that it dips into a peripheral undercut in the socket (2).

IPC 8 full level

H01R 13/52 (2006.01); **H01R 13/627** (2006.01)

CPC (source: CN EP)

H01R 13/46 (2013.01 - CN); **H01R 13/5202** (2013.01 - CN); **H01R 13/5219** (2013.01 - EP); **H01R 13/6277** (2013.01 - EP); **H01R 13/641** (2013.01 - CN); **H01R 2201/26** (2013.01 - EP)

Citation (search report)

- [X] DE 20101461 U1 20020207 - GTP GEESTHACHTER TRUCK PORT GM [DE]
- [X] US 5199893 A 19930406 - FUSSELL DON L [US]
- [X] US 7195505 B1 20070327 - BECKER TIMOTHY D [US]
- [X] US 2003032321 A1 20030213 - WERTZ DARRELL L [US], et al
- [X] US 4609247 A 19860902 - ANNOOT IRA R [US]
- See also references of WO 2019110640A1

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 102018130938 A1 20190606; CN 111492539 A 20200804; CN 116895973 A 20231017; EP 3721507 A1 20201014; WO 2019110640 A1 20190613

DOCDB simple family (application)

DE 102018130938 A 20181205; CN 201880078728 A 20181205; CN 202310851906 A 20181205; EP 18814884 A 20181205; EP 2018083593 W 20181205