

Title (en)

PLUG CONNECTOR

Title (de)

STECKVERBINDER

Title (fr)

CONNECTEUR ÉLECTRIQUE

Publication

EP 3878057 A1 20210915 (DE)

Application

EP 19801287 A 20191107

Priority

- DE 102018127814 A 20181107
- EP 2019080493 W 20191107

Abstract (en)

[origin: CA3118395A1] The invention relates to a plug connector (2, 4), comprising - a housing (4, 26), - at least one receiving area (6, 28) formed on the housing (4, 26) for securing a contact which is designed to contact a contact of another plug connector (2, 4), and - at least one shield plate (8, 10, 30, 32). The invention is characterized in that - the shield plate (8, 10, 30, 32) has at least one freely protruding soldering section (12, 34) which passes through a housing opening (14, 36), and - a free end section (16, 38) of the soldering section (12, 34) is bent away from the receiving area (6, 28) or is bent in the direction of the receiving area (6, 28).

IPC 8 full level

H01R 13/428 (2006.01); **H01R 12/71** (2011.01); **H01R 13/6581** (2011.01)

CPC (source: EP US)

H01R 12/716 (2013.01 - US); **H01R 13/428** (2013.01 - EP); **H01R 13/6581** (2013.01 - US); **H01R 13/6594** (2013.01 - EP US);
H01R 12/716 (2013.01 - EP); **H01R 13/658** (2013.01 - US); **H01R 13/6581** (2013.01 - EP); **H01R 13/6591** (2013.01 - US)

Citation (search report)

See references of WO 2020094768A1

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 102018127814 A1 20200507; CA 3118395 A1 20200514; CN 112930626 A 20210608; EP 3878057 A1 20210915;
JP 2022508069 A 20220119; JP 7278375 B2 20230519; TW 202036999 A 20201001; TW I748278 B 20211201; US 2021408737 A1 20211230;
WO 2020094768 A1 20200514

DOCDB simple family (application)

DE 102018127814 A 20181107; CA 3118395 A 20191107; CN 201980070961 A 20191107; EP 19801287 A 20191107;
EP 2019080493 W 20191107; JP 2021525053 A 20191107; TW 108140454 A 20191107; US 201917291968 A 20191107