

Title (en)

PLUG CONNECTOR AND PLUG CONNECTOR SYSTEM

Title (de)

STECKVERBINDER UND STECKVERBINDERSYSTEM

Title (fr)

CONNECTEUR ÉLECTRIQUE ET SYSTÈME DE CONNECTEUR ÉLECTRIQUE

Publication

**EP 3878059 B1 20240103 (DE)**

Application

**EP 19797660 A 20191030**

Priority

- DE 102018127815 A 20181107
- EP 2019079706 W 20191030

Abstract (en)

[origin: WO2020094483A1] The invention relates to a plug connector comprising a housing (8) and at least one contact (10) which is held on the housing (8) and which is designed to contact a contact (10) of another plug connector (6), wherein the housing (8) has at least one shaped element (12) for securing at least one shield plate (30, 32). The invention is characterized in that the housing (8) has at least one guide element (14, 16) which is designed to guide and position the plug connector (4) on another plug connector (6) in a form-fitting manner, said guide element (14, 16) being arranged at a distance from the shaped element (12).

IPC 8 full level

**H01R 13/631** (2006.01); **H01R 12/71** (2011.01); **H01R 13/64** (2006.01); **H01R 13/655** (2006.01); **H01R 13/6581** (2011.01); **H01R 13/6582** (2011.01)

CPC (source: EP US)

**H01R 13/516** (2013.01 - US); **H01R 13/629** (2013.01 - US); **H01R 13/64** (2013.01 - EP US); **H01R 13/6582** (2013.01 - EP US); **H01R 12/716** (2013.01 - EP US); **H01R 13/62** (2013.01 - US); **H01R 13/6581** (2013.01 - US)

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 102018127815 A1 20200507**; CN 113169482 A 20210723; CN 113169482 B 20240312; EP 3878059 A1 20210915; EP 3878059 B1 20240103; TW 202025573 A 20200701; TW I728540 B 20210521; US 2021376532 A1 20211202; WO 2020094483 A1 20200514

DOCDB simple family (application)

**DE 102018127815 A 20181107**; CN 201980073720 A 20191030; EP 19797660 A 20191030; EP 2019079706 W 20191030; TW 108140428 A 20191107; US 201917292255 A 20191030