

Title (en)
ELECTRIC PLUG CONNECTOR

Title (de)
ELEKTRISCHER STECKVERBINDER

Title (fr)
CONNECTEUR ÉLECTRIQUE ENFICHABLE

Publication
EP 4035229 A1 20220803 (DE)

Application
EP 20776070 A 20200921

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Abstract (en)
[origin: WO2021058127A1] The invention relates to an electric plug connector, comprising a housing (1) with at least one plug-in opening (2) for a complementary plug connector and a contact support (3) arranged in the housing (1) for the electric contacts which can be accessed through the plug-in opening(s). Two concentric housing parts (5, 6) are connected together by a base (8) at the ends lying opposite the at least one plug-in opening (2). An annular intermediate space (7) is formed between the housing parts (5, 6) as an annular receiving area for the plug protrusion of a complementary plug connector. A receiving area (9) for the contact support (3) is provided in the interior of the inner housing part (6).

IPC 8 full level
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Citation (search report)
• [XY] EP 3382818 A1 20181003 - YAMAICHI ELECTRONICS DEUTSCHLAND GMBH [DE]
• [XIY] EP 3252876 A1 20171206 - DELPHI TECH INC [US]
• [XIY] EP 2431777 A1 20120321 - FUJITSU LTD [JP]
• [Y] CN 204615057 U 20150902 - NINGBO HAISHU SEETRONIC ELECTRONICS CO LTD
• See also references of WO 2021058127A1

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

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WO 2021058127 A1 20210401; AT 523021 A1 20210415; AT 523021 B1 20230315; AU 2020356148 A1 20220414; BR 112022004625 A2 20220531; CA 3153981 A1 20210401; CN 114450857 A 20220506; EP 4035229 A1 20220803; JP 2022550318 A 20221201; JP 7389897 B2 20231130; KR 20220057581 A 20220509; MX 2022003126 A 20220406; US 2022344865 A1 20221027

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