

Title (en)

CONNECTOR COMPRISING A PROTECTIVE CIRCUIT BRIDGE

Title (de)

STECKVERBINDER UMFASSEND EINE SCHUTZLEITERBRÜCKE

Title (fr)

CONNECTEUR ENFICHABLE COMPRENANT UN PONT CONDUCTEUR DE PROTECTION

Publication

EP 3796482 A1 20210324 (DE)

Application

EP 20204687 A 20130305

Priority

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- EP 13714560 A 20130305
- EP 2013054410 W 20130305

Abstract (en)

[origin: WO2013131918A1] The invention relates to a plug connector (1) for mechanically and electrically connecting to a corresponding mating plug connector, comprising a housing (2), a protective conductor bridge (3), and a plug insert, wherein the protective conductor bridge (3) is retained on the housing (2), wherein the protective conductor bridge (3) has at least one connection region (9) for connecting to the plug insert, and the plug insert is retained on the at least one connection region (9).

IPC 8 full level

H01R 13/655 (2006.01); **H01R 13/432** (2006.01); **H01R 13/512** (2006.01); **H01R 13/516** (2006.01); **H01R 13/53** (2006.01); **H01R 24/22** (2011.01)

CPC (source: EP US)

H01R 13/432 (2013.01 - EP US); **H01R 13/502** (2013.01 - US); **H01R 13/655** (2013.01 - EP US); **H01R 13/512** (2013.01 - EP); **H01R 13/516** (2013.01 - EP US); **H01R 13/53** (2013.01 - EP US); **H01R 24/22** (2013.01 - EP US); **H01R 24/30** (2013.01 - EP US)

Citation (search report)

- [XAI] DE 102009055925 A1 20110601 - PHOENIX CONTACT GMBH & CO [DE]
- [A] EP 1646118 A2 20060412 - PHOENIX CONTACT GMBH & CO [DE]
- [A] US 4688868 A 19870825 - NOYES ROBERT W [US]
- [A] JP 2003036942 A 20030207 - SUMITOMO WIRING SYSTEMS

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 102012101813 B3 20130613; CN 104254949 A 20141231; CN 104254949 B 20171124; DE 202013012812 U1 20200116; DE 202013012813 U1 20200116; DE 202013012815 U1 20200116; DE 202013012817 U1 20200116; EP 2823536 A1 20150114; EP 2823536 B1 20201223; EP 3796482 A1 20210324; EP 3796482 B1 20230531; EP 4235976 A2 20230830; EP 4235976 A3 20230920; JP 2015509651 A 20150330; JP 2016186940 A 20161027; JP 6174759 B2 20170802; US 2015024621 A1 20150122; US 9368919 B2 20160614; WO 2013131918 A1 20130912

DOCDB simple family (application)

DE 102012101813 A 20120305; CN 201380011896 A 20130305; DE 202013012812 U 20130305; DE 202013012813 U 20130305; DE 202013012815 U 20130305; DE 202013012817 U 20130305; EP 13714560 A 20130305; EP 2013054410 W 20130305; EP 20204687 A 20130305; EP 23175513 A 20130305; JP 2014560337 A 20130305; JP 2016117198 A 20160613; US 201314383097 A 20130305