

Title (en)
Electric plug connector

Title (de)
Elektrischer Steckverbinder

Title (fr)
Connecteur à fiches électrique

Publication
EP 2190076 A1 20100526 (DE)

Application
EP 09013338 A 20091022

Priority
DE 102008059000 A 20081125

Abstract (en)
The connection box (2) has a flat contact body with two insertion holes (28a,28b), which are mounted on a contact element for a plug-in engagement with a female connector, where the insertion holes are formed on two opposite recesses (29) of the contact body. The recesses are attached to a guiding unit (30) for guiding the female connector. An independent claim is included for a female connector for insertion into an insertion hole of a connection box.

Abstract (de)
Die Erfindung betrifft eine Anschlussdose umfassend einen im wesentlichen flachen Kontaktkörper, wobei der Kontaktkörper über zwei Einstecköffnungen mit je einem in den Einstecköffnungen montierten Kontaktelement verfügt, zum steckbaren Eingriff mit je einem Buchsensteckverbinder.

IPC 8 full level
H01R 13/405 (2006.01); **H01R 13/46** (2006.01); **H01R 13/502** (2006.01); **H01R 13/52** (2006.01); **H01R 13/627** (2006.01); **H01R 13/642** (2006.01); **H01R 13/645** (2006.01); **H01R 13/66** (2006.01); **H01R 31/00** (2006.01)

CPC (source: EP)
H01R 13/642 (2013.01); **H01R 13/645** (2013.01); **H01R 31/00** (2013.01); **H01R 13/405** (2013.01); **H01R 13/465** (2013.01); **H01R 13/502** (2013.01); **H01R 13/5219** (2013.01); **H01R 13/6275** (2013.01); **H01R 13/6641** (2013.01)

Citation (applicant)
• DE 202007017521 U1 20080821 - LUMBERG CONNECT GMBH [DE]
• US 6582249 B1 20030624 - BOECK WERNER [DE], et al

Citation (search report)
• [X] US 6582249 B1 20030624 - BOECK WERNER [DE], et al
• [A] US 7387537 B1 20080617 - DAILY CHRISTOPHER GEORGE [US], et al
• [A] US 2008283111 A1 20081120 - HIGASHIKOZONO MAKOTO [JP], et al
• [A] WO 2007118798 A2 20071025 - WEIDMUELLER INTERFACE [DE], et al
• [XA] DE 102007023210 B3 20080918 - ANTON GENSLER GMBH [DE]

Cited by
CN111200207A

Designated contracting state (EPC)
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 SE SI SK SM TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
EP 2190076 A1 20100526; **EP 2190076 B1 20150408**; DE 102008059000 A1 20100602; DE 102008059000 B4 20101021

DOCDB simple family (application)
EP 09013338 A 20091022; DE 102008059000 A 20081125