

Title (en)
PLUG-TYPE CONNECTOR FOR DIRECT CONTACT-MAKING ON A PRINTED CIRCUIT BOARD

Title (de)
STECKVERBINDER ZUR DIREKTKONTAKTIERUNG AUF EINER LEITERPLATTE

Title (fr)
CONNECTEUR POUR LIAISON ÉLECTRIQUE DIRECTE AVEC UN CIRCUIT IMPRIMÉ

Publication
EP 2695244 B1 20190123 (DE)

Application
EP 12707275 A 20120229

Priority
• DE 102011006867 A 20110406
• EP 2012053438 W 20120229

Abstract (en)
[origin: WO2012136416A1] The plug-type connector (1) according to the invention for direct electrical contact-making of contact faces (2) on a printed circuit board (3) comprises at least one electrical end contact (6) of an electrical line (7), said end contact being inserted into the plug-type connector housing (5) in a plug-in direction (8), and at least one separate electrical contact element (9), which protrudes in a sprung manner transversely (10) with respect to the end contact (6) over a housing side (11) of the plug-type connector housing (5) in order to make electrical contact with a contact face (2) of the printed circuit board (3) and bears in electrically conductive fashion against the end contact (6), at least when contact has been made with the contact face (2).

IPC 8 full level
H01R 13/52 (2006.01); **H01R 12/51** (2011.01); **H01R 12/71** (2011.01); **H01R 13/24** (2006.01)

CPC (source: EP KR US)
H01R 12/51 (2013.01 - KR); **H01R 12/515** (2013.01 - EP US); **H01R 12/71** (2013.01 - KR); **H01R 12/714** (2013.01 - EP US);
H01R 13/24 (2013.01 - KR); **H01R 13/2428** (2013.01 - EP US); **H01R 13/24** (2013.01 - EP US); **H01R 13/5219** (2013.01 - EP 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 102011006867 A1 20121011; EP 2695244 A1 20140212; EP 2695244 B1 20190123; JP 2014511001 A 20140501; JP 5680228 B2 20150304;
KR 101530903 B1 20150706; KR 20130135308 A 20131210; US 2014087572 A1 20140327; US 9196983 B2 20151124;
WO 2012136416 A1 20121011

DOCDB simple family (application)
DE 102011006867 A 20110406; EP 12707275 A 20120229; EP 2012053438 W 20120229; JP 2013557044 A 20120229;
KR 20137023631 A 20120229; US 201214110200 A 20120229