

Title (en)

DIRECT PLUG CONNECTOR FOR MAKING DIRECT ELECTRICAL CONTACT WITH A PRINTED CIRCUIT BOARD

Title (de)

DIREKTSTECKVERBINDER ZUR ELEKTRISCHEN DIREKTKONTAKTIERUNG EINER LEITERPLATTE

Title (fr)

CONNECTEUR ENCARTABLE POUR LA MISE EN CONTACT ÉLECTRIQUE DIRECTE D'UNE CARTE DE CIRCUITS IMPRIMÉS

Publication

**EP 2673847 B1 20160615 (DE)**

Application

**EP 12703033 A 20120131**

Priority

- DE 102011003809 A 20110208
- EP 2012051480 W 20120131

Abstract (en)

[origin: WO2012107310A1] In a direct plug connector (1) for making direct electrical contact with contact areas (2) on a printed circuit board (3) which has a plug connector housing (4) with a row of chambers (5) which are arranged next to one another, a plurality of contact elements (6) which are in each case arranged in the chambers (5) for making direct electrical contact with the contact areas (2), and a plurality of connection cables (7) which are in each case electrically conductively connected to the contact elements (6) by way of their stripped cable ends (8), provision is made, according to the invention, for the distance (A) between the chambers (5) in the row to be smaller than the cable diameter (B) of the insulated connection cables (7), and for the insulated cable ends (9a, 9b), which adjoin the stripped cable ends (8), of the connection cables (7) of in each case adjacent contact elements (6) to be vertically offset in relation to one another in direction (10) at a right angle to the contact elements (6) and to overlap in this direction (10).

IPC 8 full level

**H01R 12/72** (2011.01)

CPC (source: EP)

**H01R 12/721** (2013.01)

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 102011003809 A1 20120809**; CN 103339802 A 20131002; CN 103339802 B 20161109; EP 2673847 A1 20131218; EP 2673847 B1 20160615; WO 2012107310 A1 20120816

DOCDB simple family (application)

**DE 102011003809 A 20110208**; CN 201280007918 A 20120131; EP 12703033 A 20120131; EP 2012051480 W 20120131