

Title (en)

ASSEMBLY OF PLUG CONNECTOR AND CIRCUIT BOARD

Title (de)

ANORDNUNG AUS STECKVERBINDER UND LEITERPLATTE

Title (fr)

ENSEMBLE COMPOSÉ D'UN CONNECTEUR ENFICHABLE ET D'UNE CARTE IMPRIMÉE

Publication

**EP 2710679 B1 20160810 (DE)**

Application

**EP 12732954 A 20120518**

Priority

- DE 102011101819 A 20110517
- DE 202012002352 U 20120303
- DE 2012000510 W 20120518

Abstract (en)

[origin: CA2835296A1] The invention relates to an assembly of a plug connector and a circuit board (200; 500), the plug connector (100; 400; 800) being arranged on an edge of the circuit board (200; 500; 801), characterized by contact elements (110, 120; 410, 420, 430; 805) arranged in, below, and above the circuit board plane, wherein at least the contact elements (110, 120; 410, 420, 430; 805) arranged below and above the circuit board are bent on the side of said contact elements facing the circuit board (200; 500; 801) in such a way that said contact elements lead from both sides of the circuit board (200; 500; 801) into openings in the circuit board (200; 500; 801) adapted to the contact elements (110, 120; 410, 420, 430; 805) and can be soldered there.

IPC 8 full level

**H01R 12/58** (2011.01); **H01R 12/70** (2011.01); **H01R 12/72** (2011.01)

CPC (source: EP US)

**H01R 12/58** (2013.01 - EP US); **H01R 12/7052** (2013.01 - EP US); **H01R 12/72** (2013.01 - US); **H01R 12/724** (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 202012002352 U1 20120418**; BR 112013029310 A2 20170718; BR 112013029310 B1 20201110; CA 2835296 A1 20121122; CA 2835296 C 20180605; CN 103765684 A 20140430; CN 110071379 A 20190730; DK 2710679 T3 20161205; EP 2710679 A1 20140326; EP 2710679 B1 20160810; ES 2602142 T3 20170217; ES 2602142 T8 20170608; HU E030588 T2 20170529; IL 229362 A0 20140130; IL 229362 B 20180329; JP 2014515172 A 20140626; JP 3207977 U 20161215; KR 101565867 B1 20151105; KR 20140009579 A 20140122; MX 2013013231 A 20140611; PL 2710679 T3 20170331; SI 2710679 T1 20170131; US 2014113477 A1 20140424; US 9022796 B2 20150505; WO 2012155891 A1 20121122

DOCDB simple family (application)

**DE 202012002352 U 20120303**; BR 112013029310 A 20120518; CA 2835296 A 20120518; CN 201280027810 A 20120518; CN 201811516541 A 20120518; DE 2012000510 W 20120518; DK 12732954 T 20120518; EP 12732954 A 20120518; ES 12732954 T 20120518; HU E12732954 A 20120518; IL 22936213 A 20131110; JP 2014510658 A 20120518; JP 2016004719 U 20160928; KR 20137033357 A 20120518; MX 2013013231 A 20120518; PL 12732954 T 20120518; SI 201230764 A 20120518; US 201214117909 A 20120518