

Title (en)

TERMINAL CONNECTOR ASSEMBLY AND METHOD FOR PRODUCING A TERMINAL CONNECTOR ASSEMBLY

Title (de)

STECKERVERBINDERANORDNUNG UND VERFAHREN ZUM HERSTELLEN EINER STECKERVERBINDERANORDNUNG

Title (fr)

ASSEMBLAGE DE CONNECTEURS ET PROCÉDÉ DE FABRICATION D'UN ASSEMBLAGE DE CONNECTEURS

Publication

EP 3542419 B1 20240724 (DE)

Application

EP 17800480 A 20171110

Priority

- DE 102016122263 A 20161118
- EP 2017078882 W 20171110

Abstract (en)

[origin: WO2018091367A1] The invention relates to a terminal connector (100) for connecting a number of spring connections (104) of a plug connector (102) to the amount of contact connections (108) of an interface module (106), with a printed circuit board (110) having a lower side (111) and an upper side (112), and a number of strip conductors (114), wherein each strip conductor (114) is electrically connectable to a contact connection (108) of the interface module (106); a number of metal pins (116), wherein each metal pin (116) is connected in an electrically conductive and integrally bonded manner to a strip conductor (114) of the printed circuit board (110), wherein the metal pins (116) extend from the lower side (111) of the printed circuit board (110) and are insertable into the spring connections (104) of the plug connector (102).

IPC 8 full level

H01R 9/24 (2006.01)

CPC (source: EP US)

H01R 9/2466 (2013.01 - EP US); **H01R 9/2491** (2013.01 - US); **H01R 9/26** (2013.01 - US)

Citation (examination)

- DE 4402001 A1 19950720 - WAGO VERWALTUNGS GMBH [DE]
- FR 2373897 A1 19780707 - LABINAL [FR]
- FR 85144 E 19650618 - AMP INC

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)

WO 2018091367 A1 20180524; CN 109964370 A 20190702; DE 102016122263 A1 20180524; EP 3542419 A1 20190925;
EP 3542419 B1 20240724; JP 2019536201 A 20191212; JP 6795149 B2 20201202; US 2020067213 A1 20200227

DOCDB simple family (application)

EP 2017078882 W 20171110; CN 201780070435 A 20171110; DE 102016122263 A 20161118; EP 17800480 A 20171110;
JP 2019520873 A 20171110; US 201716344097 A 20171110