

Title (en)
PRESS-FIT CIRCUIT BOARD CONNECTOR

Title (de)
EINPRESSSTECKVERBINDER FÜR LEITERPLATTE

Title (fr)
CONNECTEUR DE CARTE DE CIRCUIT IMPRIMÉ À AJUSTEMENT SERRÉ

Publication
EP 3542420 B1 20201223 (EN)

Application
EP 17811384 A 20171116

Priority
• US 201615353209 A 20161116
• IB 2017057183 W 20171116

Abstract (en)
[origin: WO2018092068A1] A press-fit circuit board connector (300) is provided including a housing (304) having a front chamber (320) and a rear chamber (322). A contact assembly (305) is received in the rear chamber and includes a contact holder (310) including a plurality of contact channels (314) and contacts (312) received in corresponding contact channels. Each contact has a mating terminal (336) and a mounting terminal (338). The mating terminal extends into the front chamber for electrical connection with a mating connector in a mating direction along a mating axis (410). The mounting terminal has a compliant connecting pin (384) configured for compliant mating with the mating terminal and a compliant mounting pin configured for press-fit mechanical and electrical connection to a circuit board (302) in a pressing direction along a pressing axis (412) generally perpendicular to the mating axis.

IPC 8 full level
H01R 12/58 (2011.01); **H01R 12/72** (2011.01); **H01R 12/73** (2011.01); **H01R 13/05** (2006.01)

CPC (source: EP)
H01R 12/724 (2013.01); **H01R 12/737** (2013.01); **H01R 12/585** (2013.01); **H01R 13/052** (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)
WO 2018092068 A1 20180524; EP 3542420 A1 20190925; EP 3542420 B1 20201223

DOCDB simple family (application)
IB 2017057183 W 20171116; EP 17811384 A 20171116