

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 A1 20190925 (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)

Citation (search report)
See references of WO 2018092068A1

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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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
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