

Title (en)
PRINTED CIRCUIT BOARD CONNECTOR

Title (de)
LEITERKARTENVERBINDER

Title (fr)
CONNECTEUR DE CARTES DE CIRCUITS IMPRIMÉS

Publication
EP 3766136 A1 20210120 (DE)

Application
EP 19716768 A 20190305

Priority
• DE 102018105784 A 20180313
• DE 2019100199 W 20190305

Abstract (en)
[origin: WO2019174671A1] In the prior art there is the need to transfer high currents between two parallel printed circuit boards and in addition to fasten the two printed circuit boards to each other mechanically. The spacing of the printed circuit boards can vary within a predefined tolerance range. This problem is solved by a pin-like printed circuit board connector (1) which is at least slightly reversibly deformable and has a pin axis (A). The printed circuit board connector (1) has at least a first slit (S1) which starts at the insertion end (12) and runs through the pin axis (A) towards the printed circuit board connection region (111) and by means of which at least two segments (14) pointing in the insertion direction are formed. In particular, the printed circuit board connector (1) can additionally have a second such slit (S2) which intersects the first slit (S1) in the pin axis (A), in particular at right angles, forming even four segments (14) pointing in the insertion direction.

IPC 8 full level
H01R 12/58 (2011.01); **H01R 12/52** (2011.01)

CPC (source: EP KR US)
H01R 12/523 (2013.01 - EP KR US); **H01R 12/585** (2013.01 - EP KR 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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
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