

Title (en)

CONNECTOR WITH PRIMARY INTERLOCKING REST BRACKETS

Title (de)

STECKVERBINDER MIT PRIMÄRVERRIEGELNDEN RASTARMEN

Title (fr)

CONNECTEUR ENFICHABLE POURVU DE BRAS D'ENCLIQUETAGE À VERROUILLAGE PRIMAIRES

Publication

EP 3518346 B1 20200729 (DE)

Application

EP 18200625 A 20181016

Priority

DE 102018101670 A 20180125

Abstract (en)

[origin: US2019229464A1] The invention relates to a plug connector, in particular a direct plug connector, for contacting contact openings of a circuit board, the plug connector including a contact carrier which can include coding devices, in particular coding pins and a polarity reversal safety, in particular configured as polarity protrusions; conductor insertion channels formed by the contact carrier and configured to receive connection conductors, and contact recesses configured to receive plug contacts; a primary safety that supports the contact carrier at the circuit board and that is in particular configured as interlocking elements, characterized in that the primary safety includes at least two interlocking arms that are arranged in pairs adjacent to each other wherein interlocking devices of the interlocking arms have different interlocking geometries.

IPC 8 full level

H01R 12/70 (2011.01); **H01R 13/645** (2006.01); **H01R 4/2433** (2018.01); **H01R 12/51** (2011.01); **H01R 12/71** (2011.01); **H01R 12/75** (2011.01)

CPC (source: CN EP US)

H01R 4/2433 (2013.01 - EP US); **H01R 12/515** (2013.01 - EP US); **H01R 12/7011** (2013.01 - CN); **H01R 12/7023** (2013.01 - EP US); **H01R 12/7052** (2013.01 - EP US); **H01R 12/714** (2013.01 - CN); **H01R 12/716** (2013.01 - US); **H01R 13/46** (2013.01 - CN); **H01R 13/62927** (2013.01 - US); **H01R 13/6456** (2013.01 - EP US); **H01R 12/712** (2013.01 - EP US); **H01R 12/75** (2013.01 - EP US)

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