

Title (en)

Female connector with strain relief device and process for mounting this connector on pcb

Title (de)

Buchsenverbinder mit Zugentlastungsvorrichtungen und Montageverfahren für PCB

Title (fr)

Connecteur femelle comportant un dispositif de relaxation de traction et procédé de montage de ce connecteur sur un circuit imprimé

Publication

EP 1037313 B1 20020925 (EN)

Application

EP 00400618 A 20000307

Priority

FR 9903387 A 19990318

Abstract (en)

[origin: EP1037313A1] In order to establish a connection between a cable (6) and a printed circuit (8), a female connector is provided which has two inputs (2, 3) for accommodating the cable and the printed circuit (8) respectively. The cable is held firmly inside the first input by two stops (25, 26). One of these stops allows to establish the electric connection by locally displacing the insulation of the cable conductors (7) when coming in contact with contacts (11) comprised in the connector. The connector has an elastic lever for keeping the connector inside an aperture of a receptacle which contains a printed circuit. The second input surrounds the printed circuit. Contact tongues (16) also establish an electric connection with the metal plating (9) provided along the edge of the printed circuit. <IMAGE>

IPC 1-7

H01R 12/18; **H01R 4/24**; **H01R 13/58**

IPC 8 full level

H01R 4/24 (2006.01); **H01R 12/72** (2011.01); **H01R 13/58** (2006.01)

CPC (source: EP US)

H01R 4/2412 (2013.01 - EP US); **H01R 12/721** (2013.01 - EP)

Citation (examination)

US 5562478 A 19961008 - YAMAMOTO HIROSHI [JP]

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DOCDB simple family (publication)

EP 1037313 A1 20000920; **EP 1037313 B1 20020925**; AT E225088 T1 20021015; DE 60000486 D1 20021031; DE 60000486 T2 20030731; FR 2791184 A1 20000922; FR 2791184 B1 20010608

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