

Title (en)
Connector for a printed circuit board

Title (de)
Leiterplattensteckverbindung

Title (fr)
Connecteur pour plaque à circuit intégré

Publication
EP 1168526 B1 20050427 (DE)

Application
EP 01113560 A 20010613

Priority
DE 10029925 A 20000617

Abstract (en)
[origin: EP1168526A2] The device has a conducting foil attached to a first connector body with one connection end on the opposite side of the body from a board and another between a first connector application surface and the board with conducting tracks facing board contact areas. A second connector body has an insulating housing slot with contacts into which the foil penetrates when the connectors are joined to connect the contacts and the foil's conducting tracks. The device has first connector (1) with an insulating body (10) and a plug region with contact sockets and a second connector (2) with an insulating body (20) and a plug region with contact pins, each attached to a circuit board. A conducting foil (3) attached to the first connector's insulating body has a first connection end on the opposite side of the body from the board and a second connection end between a first connector application surface and the board with conducting tracks facing contact areas on the board. The second connector's insulating body has an insulating housing with a slot (24) containing contacts (25) and into which the foil penetrates when the connectors are joined to bring the contacts into electrical contact with the foil's conducting tracks.

IPC 1-7
H01R 12/20

IPC 8 full level
H01R 12/50 (2011.01); **H01R 12/71** (2011.01); **H01R 12/72** (2011.01); **H01R 12/73** (2011.01); **H01R 13/46** (2006.01); **H05K 1/14** (2006.01); **H05K 5/00** (2006.01); **H05K 5/04** (2006.01); **H05K 5/06** (2006.01)

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Designated contracting state (EPC)
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