

Title (en)
PCB high current connecting device

Title (de)
Platinen-Hochstrom-Steckvorrichtung

Title (fr)
Dispositif de connexion de courant fort pour un circuit imprimé

Publication
EP 1094557 A3 20020626 (DE)

Application
EP 00122522 A 20001015

Priority
DE 19950084 A 19991018

Abstract (en)
[origin: EP1094557A2] The connector has a two-pole plug with plug and socket parts with contact elements in a multi-leg contact arrangement for contacting connecting points. The plug and socket parts have contact pins or sockets protruding into a protective collar or fitting. The socket has attachments to the board and a multi-leg contact arrangement with laterally protruding connection pins. Cable conductors can be pressed onto the plug part with a crimping tool. The connector has a two-pole plug with a plug part (6) and a socket part (10) with contact elements (12-15) for making an electrical connection and a multi-leg contact arrangement of the contact elements of the plug or socket part for contacting connecting points. The plug and socket part have contact pins or sockets protruding into a protective collar or fitting. The socket has attachments to the board and a multi-leg contact arrangement with laterally protruding connection pins. The conductors of a cable can be pressed onto the plug part with a crimping tool.

IPC 1-7
H01R 12/32; **H01R 12/20**

IPC 8 full level
H01R 4/20 (2006.01); **H01R 12/50** (2011.01); **H01R 12/71** (2011.01); **H01R 13/512** (2006.01); **H01R 13/53** (2006.01); **H01R 13/58** (2006.01); **H01R 13/64** (2006.01)

CPC (source: EP)
H01R 4/20 (2013.01); **H01R 12/58** (2013.01); **H01R 12/716** (2013.01)

Citation (search report)

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- [Y] US 4702707 A 19871027 - HILLBISH WARREN C [US]
- [A] US 5173063 A 19921222 - BARKUS LEE A [US], et al
- [A] US 5080604 A 19920114 - RIDER FREDERICK H [US], et al
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Cited by
RU2670955C2; RU2670955C9; WO2006105987A1; WO2016034166A3

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