

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)
• [Y] DE 19739576 A1 19990325 - WIELAND ELECTRIC GMBH [DE]
• [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
• [A] EP 0821444 A2 19980128 - REMA LIPPRANDT GMBH CO KG [DE]

Cited by
RU2670955C2; RU2670955C9; WO2006105987A1; WO2016034166A3

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 1094557 A2 20010425; **EP 1094557 A3 20020626**; **EP 1094557 B1 20070530**; AT E363748 T1 20070615; DE 19950084 C1 20010816; DE 19964288 A1 20040108; DE 50014363 D1 20070712

DOCDB simple family (application)
EP 00122522 A 20001015; AT 00122522 T 20001015; DE 19950084 A 19991018; DE 19964288 A 19991018; DE 50014363 T 20001015