

Title (en)
High performance card edge connector

Title (de)
Hochleistungsfähiger Leiterplattenrandverbinder

Title (fr)
Connecteur de bord de carte à haute performance

Publication
EP 0975054 A2 20000126 (EN)

Application
EP 99113364 A 19990710

Priority
• US 12052798 A 19980722
• US 12131698 A 19980722

Abstract (en)
A card edge connector for mounting on a circuit board (14) and removably receiving a circuit card (16) includes an elongated housing (26) defining a card receiving slot (34). Numerous terminal receiving cavities (44, 46) intersect and extend to both sides of the slot (34). Alternate cavities include stamped reference (ground or power) terminals (60) and signal terminals (62), all having downwardly extending board contacts (72, 92) and upwardly extending spring arms (76, 78; 96, 98). There are numerous similar sets of face to face contacts, each including a reference contact parallel to and substantially overlying an opposed pair of signal contacts. <IMAGE>

IPC 1-7
H01R 12/18

IPC 8 full level
H01R 12/50 (2011.01); **H01R 12/72** (2011.01)

CPC (source: EP)
H01R 12/721 (2013.01); **H01R 13/6585** (2013.01)

Cited by
EP1453152A1; US6910922B2; WO2012138519A3; US8784116B2; US9300103B2

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

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EP 0975054 A2 20000126; EP 0975054 A3 20010919

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