

Title (en)
CONNECTOR FOR EDGE OF PCB

Title (de)
RANDVERBINDER FÜR EINE GEDRUCKTE SCHALTUNG

Title (fr)
CONNECTEUR DE CARTE A CIRCUIT IMPRIME

Publication
EP 0970542 A1 20000112 (EN)

Application
EP 98904757 A 19980128

Priority

- US 9801723 W 19980128
- US 3662197 P 19970131
- US 3885197 P 19970218
- US 6100097 P 19970414

Abstract (en)
[origin: WO9834298A1] Connector (200) for mounting to a thin circuit-bearing substrate (202) to establish electrical connections of contacts (206) with contact pads (210) of circuits on the substrate, for a high temperature environment. Connector (200) defines a low profile electrical interface of the substrate (202) with another electrical article such as a cable for power transmission. Clamp (242) is latched to housing (204) to establish sufficient clamping force to press the contacts against the contact pads (210) of the substrate after the tab (252) is inserted into a passageway defined between the clamp and the contacts (206). Bracket (228) is lockable to and about housing (204) to support and stabilize the structure of the plastic housing when subjected to high temperature.

IPC 1-7
H01R 4/34; H01H 1/58; H01R 23/70; H01R 9/16; H01R 9/09

IPC 8 full level
H01R 4/34 (2006.01); **H01R 4/48** (2006.01); **H01R 12/70** (2011.01); **H01R 12/72** (2011.01); **H01R 13/04** (2006.01); **H01R 13/24** (2006.01); **H01R 13/432** (2006.01)

CPC (source: EP KR)
H01R 4/34 (2013.01 - KR); **H01R 12/7029** (2013.01 - EP); **H01R 12/7047** (2013.01 - EP); **H01R 12/722** (2013.01 - EP); **H01R 13/04** (2013.01 - EP); **H01R 13/24** (2013.01 - EP); **H01R 13/432** (2013.01 - EP)

Citation (search report)
See references of WO 9834298A1

Designated contracting state (EPC)
DE IT

DOCDB simple family (publication)
WO 9834298 A1 19980806; AU 6255498 A 19980825; CN 1252176 A 20000503; EP 0970542 A1 20000112; JP 2002515174 A 20020521; KR 20000070548 A 20001125

DOCDB simple family (application)
US 9801723 W 19980128; AU 6255498 A 19980128; CN 98803925 A 19980128; EP 98904757 A 19980128; JP 53306098 A 19980128; KR 19997006794 A 19990728