

Title (en)
Connecteur for card edge mounting

Title (de)
Steckverbinder für Kartenrandmontage

Title (fr)
Connecteur à monter sur un bord de carte

Publication
EP 0886347 A3 20000322 (DE)

Application
EP 98110144 A 19980604

Priority
DE 19725966 A 19970619

Abstract (en)
[origin: EP0886347A2] The plug connector has at least one press-in insert (9) on the circuit board side connected to the plug connector insulating body (1) by a rotational or hinged joint and which holds the solder connections (24,25) for the plug connector's contacts. The plug connector is opened for the assembly process, so that a trigger (6) opens the press-in insert against the force of the contact springs for insertion of the circuit board. At least one side of each solder connection is pressed against the circuit board by the press-in body, whose pressure is applied by the spring force of the contact springs.

IPC 1-7
H01R 23/70; **H01R 43/20**; **H01R 23/68**

IPC 8 full level
H01R 12/18 (2006.01); **H01R 12/20** (2006.01); **H01R 12/32** (2006.01); **H01R 12/72** (2011.01); **H01R 13/15** (2006.01); **H01R 43/20** (2006.01)

CPC (source: EP US)
H01R 12/721 (2013.01 - EP US); **H01R 43/205** (2013.01 - EP US)

Citation (search report)

- [XY] US 3130351 A 19640421 - GIEL GEORGE J
- [Y] EP 0377984 A2 19900718 - ITT [US]
- [A] US 4630874 A 19861223 - RENN ROBERT M [US], et al
- [A] US 5295852 A 19940322 - RENN ROBERT M [US], et al

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)
DE 19725966 C1 19981217; CA 2240967 A1 19981219; CA 2240967 C 20001212; EP 0886347 A2 19981223; EP 0886347 A3 20000322; JP 2911879 B2 19990623; JP H1186989 A 19990330; US 6030243 A 20000229

DOCDB simple family (application)
DE 19725966 A 19970619; CA 2240967 A 19980618; EP 98110144 A 19980604; JP 16829098 A 19980616; US 9707198 A 19980612