

Title (en)  
Blade connector plug.

Title (de)  
Messerleiste.

Title (fr)  
Bloc de connexion à couteau.

Publication  
**EP 0128306 A1 19841219 (DE)**

Application  
**EP 84104306 A 19840416**

Priority  
DE 3318135 A 19830518

Abstract (en)  
[origin: US4550962A] A solderless electrical connector for producing a solderless connection between a multiple contact plug equipped with contact pins and a printed circuit board is provided with inserting segments at the free end of the contact pins which inserting segments are inserted by means of an additional insulating member into through-contacted bore holes of the printed circuit board. A tool having guide ducts formed to receive portions of the contact pins can also be used to press the contact pins into circuit board holes.

Abstract (de)  
Für die Herstellung einer lötfreien Verbindung zwischen einer mit Kontaktstiften (4) besetzten Messerleiste (1) und einer Leiterplatte (6) sind Einpreßabschnitte (7) an den freien Enden der Stifte (4) vorgesehen, die über ein zusätzliches Isolierteil (9) in die durchkontaktierten Bohrungen (5) der Platine (6) eingepreßt werden.

IPC 1-7  
**H01R 9/09**

IPC 8 full level  
**H01R 12/58** (2011.01); **H05K 13/04** (2006.01); **H01R 12/72** (2011.01)

CPC (source: EP US)  
**H01R 12/585** (2013.01 - EP US); **H01R 12/727** (2013.01 - EP US); **Y10T 29/53174** (2015.01 - EP US)

Citation (search report)

- [A] EP 0042692 A1 19811230 - AMP INC [US]
- [A] US 4127935 A 19781205 - AMMON JOHN P
- [AD] US 4045868 A 19770906 - AMMON J PRESTON, et al

Cited by  
EP0335160A3; US5702257A; DE3925958C1; DE3318135A1; GB2209096B; DE19618497A1; EP0541025A3; EP0639873A3; EP3444904A1; KR20190019842A; WO2014068038A1; WO9732368A1; WO2015132062A1; US10290979B2

Designated contracting state (EPC)  
AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)  
**EP 0128306 A1 19841219; EP 0128306 B1 19870715; EP 0128306 B2 19930407**; AT E28375 T1 19870815; DE 3318135 A1 19841122; DE 3318135 C2 19910508; DE 3464825 D1 19870820; JP H0412595 B2 19920305; JP S6047382 A 19850314; US 4550962 A 19851105

DOCDB simple family (application)  
**EP 84104306 A 19840416**; AT 84104306 T 19840416; DE 3318135 A 19830518; DE 3464825 T 19840416; JP 9890484 A 19840518; US 61038284 A 19840515