

Title (en)
MULTIPOLAR EDGE CONNECTOR STRIP

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EP 0113406 B1 19860212 (DE)

Application
EP 83111250 A 19831111

Priority
DE 3245521 A 19821209

Abstract (en)
[origin: US4531793A] A multipole edge connector for the electrical connection of strip contact surfaces of a flexible flat ribbon cable with the congruent edge contact surfaces of a printed circuit board having the same modular dimensions. The edge connector consists of a clamp-like holder which is fastened with holding means in the form of barbs on the edge of the printed circuit board, and which has a plurality of flexible tongues. To permit the preparation of the holder at low cost, it comprises two members which are cut off from two different metal strips with pre-punched and pre-embossed profiles, which members are joined together by welding in a perforated zone. The members are profiled to provide a cross section with a half-tulip-shaped, asymmetric clamping contour, whereby each of the flexible tongues provides a uniform contact pressure.

IPC 1-7
H01R 23/70

IPC 8 full level
H01R 11/22 (2006.01); **H01R 12/62** (2011.01); **H05K 3/32** (2006.01); **H01R 12/50** (2011.01)

CPC (source: EP US)
H01R 12/62 (2013.01 - EP US); **H01R 12/707** (2013.01 - EP US); **H01R 12/721** (2013.01 - EP US)

Citation (examination)

- DE 1920988 A1 19701105 - LOEWE OPTA GMBH
- EP 0006725 A1 19800109 - AMP INC [US]
- EP 0026568 A1 19810408 - AMP INC [US]

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DE4025954A1; DE19750224A1; DE19750224B4; US11411342B2; WO2021260628A1

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

DOCDB simple family (publication)
EP 0113406 A1 19840718; **EP 0113406 B1 19860212**; AT E17974 T1 19860215; DE 3245521 A1 19840614; DE 3245521 C2 19860507; JP S59114774 A 19840702; US 4531793 A 19850730

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