

Title (en)
Electrical connector block.

Title (de)
Elektrische Steckverbinderleiste.

Title (fr)
Bloc de connecteur électrique.

Publication
EP 0182070 A2 19860528 (DE)

Application
EP 85112796 A 19851009

Priority
DE 3441310 A 19841112

Abstract (en)
[origin: US4710132A] The invention relates to an electrical plug connector strip provided with a plurality of rows of contact elements that are connected by means of terminal elements to a printed circuit board of an electrical assembly, whereby the sections of the terminal elements projecting from receptacle chambers for the contact elements are bent toward the printed circuit board. In order to obtain a simple, firm connection between the electrical plug connector strip and the printed circuit board, the back side of the plug connector strip contains a plurality of flanges having downwardly directed insertion posts. Preferably two posts are provided, one larger in diameter and length than the other. A groove is provided around each post on the underside of the flange to receive chips of the post which are cut off during the insertion process. A pinch rib may be provided on the connector strip to engage the circuit board and provide a tight fit.

Abstract (de)
Die Erfindung betrifft eine elektrische Steckverbinderleiste (1), die mit mehreren Reihen von Kontaktelementen versehen ist, die mittels Anschlußelementen mit einer Leiterplatte (2) einer elektrischen Baugruppe verbunden sind, wobei die aus Aufnahmekammern für die Kontaktelemente herausragenden Abschnitte der Anschlußelemente zur Leiterplatte hingebogen sind. Um eine einfache feste Verbindung zwischen der elektrischen Steckverbinderleiste (1) und der Leiterplatte (2) zu erreichen, weist die Steckverbinderleiste (1) an ihrer Rückseite mehrere Flansche (6) mit nach unten gerichteten Einpreßzapfen (3) auf.

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H01R 9/09; H01R 23/70

IPC 8 full level
H01R 12/70 (2011.01)

CPC (source: EP US)
H01R 12/7064 (2013.01 - EP US)

Cited by
EP0654870A3; EP0250393A3; EP0397057A1; NL9100760A; EP0483532A3; EP0482669A3; DE3824459A1; US11201421B2

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