

Title (en)
Angled plug-connector.

Title (de)
Winkelsteckverbinder.

Title (fr)
Connecteur à fiche angulaire.

Publication
EP 0150342 A2 19850807 (DE)

Application
EP 84114789 A 19841205

Priority
DE 3402902 A 19840127

Abstract (en)
[origin: US4641908A] A right-angled plug-type connector for a printed circuit board connection characterized by a flexible fixing plate being secured in a plate-shaped retaining member to extend at right angles to the retaining member and having a plurality of bores in a pattern corresponding to a pattern of bores in the retaining member to receive contact elements which have a right angle bend. To improve the guidance of the contact elements which extend past a first side of the fixing plate to form contact prongs, each of the bores has a tubular extension which extends from a second side of the fixing plate. The tubular extensions improves the guidance and positioning of each of the prongs to prevent skewing or misalignment during the forming of a plug connection.

Abstract (de)
Bei dem Winkelsteckverbinder für Leiterplattenanschluß werden die abgewinkelten Anschlußabschnitte (7) der Kontaktorgane (2) in Röhrchen (1) geführt, die von einer Fixierplatte (8) abstehen. Die unter Ausnutzung ihrer Biegebarkeit zwischen Ansätze (11) des Steckverbindergehäuses (1) einsetzbare Fixierplatte (8) kann dadurch relativ dünn und somit besonders biegeelastisch ausgebildet werden, ohne daß dadurch die Führungsfunktion für die Anschlußabschnitte (7) der Kontaktorgane verlorengeht.

IPC 1-7
H01R 23/70

IPC 8 full level
H01R 24/00 (2006.01); **H01R 12/71** (2011.01); **H01R 13/426** (2006.01); **H01R 13/502** (2006.01)

CPC (source: EP US)
H01R 12/724 (2013.01 - EP US)

Cited by
EP0567196A1; US4721472A

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

DOCDB simple family (publication)
EP 0150342 A2 19850807; **EP 0150342 A3 19860423**; **EP 0150342 B1 19880928**; AT E37632 T1 19881015; DE 3402902 A1 19850808; DE 3474383 D1 19881103; JP S60172186 A 19850905; US 4641908 A 19870210

DOCDB simple family (application)
EP 84114789 A 19841205; AT 84114789 T 19841205; DE 3402902 A 19840127; DE 3474383 T 19841205; JP 1117285 A 19850125; US 69162385 A 19850115