

Title (en)

PLUGGABLE CONNECTOR AND ITS USE IN MAKING A DISCONNECTIBLE ELECTRICAL CONNECTION

Publication

EP 0036933 A3 19811202 (DE)

Application

EP 81100942 A 19810211

Priority

CH 246180 A 19800328

Abstract (en)

[origin: US4373764A] A class of electrical connectors is provided wherein the socket employs an elastic element actuated by the insertion process of the plug into the connector and which elastic element assures a pressure contact between two contact elements. A female multipoint connector can provide a socket for a printed circuit board. The female multipoint connector supports two rows of weakly elastic conducting electrical contact elements. The contact elements are touched on their outside by strand-shaped elastic elements. The strand-shaped elements are captive disposed in slot openings in the longitudinal walls of the multipoint connector and protrude on the side beyond the longitudinal wall. The printed circuit board can be inserted into the opening of the female multipoint connector with its contact strip ending on a protrusion. The printed circuit board supports on both sides rigidly attached clamping elements. The clamping elements have an L-shaped cross-section and their inner sides are bevelled.

IPC 1-7

H01R 23/70

IPC 8 full level

H01R 12/85 (2011.01); **H01R 12/72** (2011.01)

CPC (source: EP US)

H01R 12/85 (2013.01 - EP US); **H01R 12/721** (2013.01 - EP US); **Y10T 29/49169** (2015.01 - EP US)

Citation (search report)

- US 3851297 A 19741126 - MUNRO G
- GB 1041258 A 19660901 - STANDARD TELEPHONES CABLES LTD
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- [A] DE 2413989 A1 19740926 - ELECTROVAC
- [A] US 2857577 A 19581021 - VANDERPOOL EUGENE E

Cited by

EP2634864A3; FR2662862A1; EP0999613A1; FR2785723A1; CN113875093A; US6919111B2; US6234822B1

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