

Title (en)

Zero insertion force connector for cable to board applications

Title (de)

Einführungskraftfreier Verbinder für Anwendungen von Kabel zu Leiterplatte

Title (fr)

Connecteur à force d'insertion nulle pour des applications de câble à plaquette

Publication

**EP 0603161 B1 19990922 (EN)**

Application

**EP 94103475 A 19900223**

Priority

- EP 90103582 A 19900223
- GB 8904500 A 19890228
- GB 8904502 A 19890228

Abstract (en)

[origin: EP0385314A1] In electrical connector (2) is shown having an insulative housing (4) with a plurality of terminal receiving passages (24), the passageways extending from a lower surface (34) to a position proximate to an upper face (16). A plurality of electrical terminals (70) are disposed within the passageways (24) where posts (86) extend from the lower face (34) for contacting printed circuit board traces. The upper face (16) of the housing (4) includes a plurality of conductor receiving passageways (20) which are in alignment with conductor receiving sections (78), (82) of the electrical terminals (70). An actuator member (50) is moveable relative to the housing and relative to the upper face (16), the movement of the actuator member (50) opening the cable receiving sections (78), (82) of the electrical terminals (70), while release of the actuator member (50) causes the conductor receiving section (78), (82) to engage the exposed conductor of the multiconductor cable for electrical connection thereto.

IPC 1-7

**H01R 23/68**; **H01R 13/193**

IPC 8 full level

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