

Title (en)

Electrical connector having preloaded terminals and method of manufacture.

Title (de)

Elektrischer Verbinder mit vorgespannten Kontakten und Verfahren zu dessen Herstellung.

Title (fr)

Connecteur électrique à terminaux précontraints et méthode de fabrication.

Publication

EP 0385019 A1 19900905 (EN)

Application

EP 89304336 A 19890428

Priority

GB 8904492 A 19890228

Abstract (en)

An electrical connector (2) is disclosed which can electrically terminate flexible cable (200) to a printed circuit board (210). The connector includes an insulating housing (4) having a front mating face (14) and a plurality of terminal receiving cavities extending from the rear thereof, forwardly towards the front face (14). The terminals (150) are each provided with horizontal base sections (152), a retention leg 168 having a first contact portion (166) thereon. The terminals further comprise spring portions (158) having a second contact portion (164) opposed from the first contact portion (166). A lever section (162) extends from the spring portion (158). A cam actuator (100) is inserted within the connector housing (4) with individual cam sections (106) aligned with, and below, the lever sections (162) of the terminals. The cam actuator (100) is rotatable relative to the housing (4) to cam the terminals (150) open for insertion of the flexible cable (200). The cam actuator (100) has a plurality of windows in alignment with the plurality of lever sections (162) which allows for a greater rotation angle as the lever sections (162) pass through the windows (108).

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H01R 43/16

IPC 8 full level

H01R 13/193 (2006.01)

CPC (source: EP)

H01R 12/88 (2013.01); **H01R 12/592** (2013.01)

Citation (search report)

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