

Title (en)
ELECTRICAL CONNECTORS

Publication
EP 0121324 B1 19870616 (EN)

Application
EP 84301315 A 19840229

Priority
GB 8306125 A 19830305

Abstract (en)
[origin: EP0121324A1] An electrical connector comprising a moulded synthetic resin body (11), a plurality of parallel terminal receiving passages (15-23) in the body, said passages being open at one face (14) of the body to permit insertion of the terminals (24) into the passages and having abutment surfaces to limit movement of the terminals in the passages in the insertion direction, each of said passages having a shoulder (26) intermediate the ends thereof for engagement by a locking latch (27) of the terminal to resist withdrawal of the terminal, and each passage being open at an opposite face (13) of the body to provide access to said terminals (24) whereby mating terminals (25) can be introduced into said terminals (24) in use, the body having a plurality of locking bar passages (28-36) extending into said body parallel to said terminal receiving passages, each locking bar passage being positioned adjacent a respective terminal receiving passage, and plurality of locking bars (42) for insertion into respective locking bar passages, the arrangement of the locking bars and the body being such that during insertion of the locking bars co-action of each locking bar and the body generates a movement of part (37) of the body in a direction transverse to the locking bar insertion direction to effect locking of the terminal of the respective terminal receiving passage against withdrawal from the passage.

IPC 1-7
H01R 13/424; H01R 13/436

IPC 8 full level
H01R 13/436 (2006.01)

CPC (source: EP)
H01R 13/4364 (2013.01)

Citation (examination)
• DE 7739743 U1 19790726
• DE 2812024 A1 19790920 - GROTE & HARTMANN

Cited by
EP0164835A1; EP0359938A3; FR2655207A1; EP0251518A3; JPS6264076A

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