

Title (en)
Electrical contact module and housing.

Title (de)
Elektrischer Kontaktmodul und Gehäuse.

Title (fr)
Boîtier modulaire pour contacts électriques.

Publication
EP 0180343 A1 19860507 (EN)

Application
EP 85307077 A 19851003

Priority
• GB 8425406 A 19841008
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• GB 8513067 A 19850523

Abstract (en)
In order to provide a modular housing system for electrical contacts whereby contact banks of required size may be made up from common or modular parts, a contact module comprises a body 22 adapted to be slidably received and located in a housing 21, and at least one contact 32, 33 received in an individual groove 24 in the body 22 so as to project from the body 22. The contact 32, 33 has a configuration 37 co-operable with a corresponding formation 27 in the groove 24 to prevent longitudinal movement of the contact 32, 33 in the groove 24. As illustrated, the configuration is a slot 37 formed in part of the contact to locate on a corresponding abutment 27 in the groove 24. The slot 37 is shown associated with a resilient tongue 38 adapted to engage the abutment 27 to inhibit lateral movement of the contact 32, 33. In use, the contact modules 22 will be slid individually and in close contact into a housing 21, so that movement of the contact out of the grooves will be prevented, either by the housing itself or, in most cases, by the adjacent contact module body. By having the contact modules individually slidable and locatable in the housing, the individual contacts may be accessed, e.g. for changing, if required, without disturbing the adjacent contacts.

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H01R 13/28; H01R 13/428; H01R 13/514; H01R 13/516

IPC 8 full level
H01R 13/514 (2006.01); **H01R 13/42** (2006.01); **H01R 13/428** (2006.01); **H01R 13/516** (2006.01); **H01R 13/645** (2006.01)

CPC (source: EP)
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Citation (search report)
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• [Y] US 2545429 A 19510313 - MACY JAMES C
• [A] FR 2347797 A1 19771104 - JOVY ROBERT [FR]
• [A] IBM TECHNICAL DISCLOSURE BULLETIN, vol. 14, no. 9, February 1972, page 2843, New York, US; E.C. UBERBACHER: "Electrical connector assembly"

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EP 0180343 A1 19860507; EP 0180343 B1 19910227; AU 5021985 A 19870528; AU 580814 B2 19890202; DE 3581882 D1 19910404; ES 296671 U 19871216; ES 296671 Y 19880516; GB 2167611 A 19860529; GB 8524384 D0 19851106; HK 59692 A 19920821; IN 164266 B 19890211

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EP 85307077 A 19851003; AU 5021985 A 19851120; DE 3581882 T 19851003; ES 296671 U 19851008; GB 8524384 A 19851003; HK 59692 A 19920813; IN 961DE1985 A 19851118