

Publication

EP 0568899 A3 19940427

Application

EP 93106774 A 19930427

Priority

DE 4214711 A 19920502

Abstract (en)

[origin: EP0568899A2] A multipole cable plug connector 1 has a printed-circuit board (17) (if required) which is arranged in a plastic housing (2) as well as integral contact elements (18, 18') having in each case one insulation-piercing terminal contact (22) for cable connection, one printed-circuit board contact (25) and one plug contact part (26, 26'). In order to achieve a low production cost in a simple manner and to enable the contact elements to be fixed independently of the presence of the printed-circuit board, it is provided that in each case one blind hole (15), running in the insertion direction, is provided in a contact supporting part (9) consisting of insulating material, in order to accommodate the end part (14) of each cable core (6), that the insulation-piercing terminal contact (22) and the printed-circuit board contact (25) formed by two lugs (23, 24) like a fork-shaped spring are arranged transversely with respect to the insertion direction, and that the contact supporting part (9) has a matched recess (16) for accommodating the insulation-piercing terminal contact (22). <IMAGE>

IPC 1-7

H01R 4/24; **H01R 13/66**; **H01R 13/56**

IPC 8 full level

H01R 13/11 (2006.01); **H01R 4/24** (2006.01); **H01R 13/40** (2006.01); **H01R 13/42** (2006.01); **H01R 13/56** (2006.01); **H01R 13/66** (2006.01)

CPC (source: EP)

H01R 13/42 (2013.01)

Citation (search report)

- [A] DE 3136603 A1 19830331 - VAUDEHA ELEKTRO GMBH [DE]
- [A] FR 2376604 A7 19780728 - DU PONT [US]
- [A] EP 0203671 A1 19861203 - GEOSOURCE INC [US]

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