

Title (en)
MULTI CONDUCTOR ELECTRICAL CABLE CONNECTOR

Publication
EP 0382482 A3 19910227 (EN)

Application
EP 90301242 A 19900206

Priority
ZA 89891 A 19890206

Abstract (en)
[origin: EP0382482A2] An electrical conductor cable connector (10) includes a housing made from an electrical insulating material having side walls (16, 18 and 20) which between them define an enclosure, a floor (24) which extends between the side walls (16, 18 and 20) to define an open topped compartment (22) in the housing (10) on one side of the floor (24), a plurality of suitably spaced conductor engaging elements (32) in and extending from the floor (24) into the compartment (22) with each element (32) including a formation (34) in the floor (24) of the housing (10) for electrically connecting an electrical conductor in a cable (14) in the floor (24) to the conductor engaging element (32), a press member (44) which is made from an electrical insulating material, for pressing a conductor ribbon tape cable (12) into the compartment (22) and the conductors which are carried by the tape (12) into electrical engagement with the conductor engaging elements (32), means (40) for clamping the ribbon tape (12) in the compartment (22) between the conductor engaging elements (32) and the/or each tape exit from the housing (10) and a catch arrangement (62) for locking the press member (44) in the compartment (22) to hold the tape (12) clamped in the housing (10).

IPC 1-7
H01R 4/24; **H01R 9/07**

IPC 8 full level
H01R 4/24 (2006.01); **H01R 12/61** (2011.01)

CPC (source: EP)
H01R 12/616 (2013.01); **H01R 4/2433** (2013.01)

Citation (search report)

- [X] US 4778405 A 19881018 - STERKEN CORNELUS A H M [NL]
- [YD] US 4552429 A 19851112 - VAN ALST GERARDUS M [NL]
- [A] EP 0182012 A2 19860528 - ROSE WALTER GMBH & CO KG [DE]
- [A] CH 419277 A 19660831 - MINNESOTA MINING & MFG [US]
- [A] DE 3203651 A1 19830818 - MAIGLER GEB MAIGLER BRIGITTA [DE]
- [A] BE 888349 A 19811009 - THOMAS & BETTS CORP

Cited by
EP0889545A3; EP0668629A3; EP0986840A4; US5338220A; EP0571156A3; US12023509B2; US7942693B2; US8827738B2; US5098313A; EP0871245A3; CN112839705A; EP3837004A4

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