

Title (en)

Multi conductor electrical cable connector.

Title (de)

Elektrischer Mehrleiterkabelverbinder.

Title (fr)

Connecteur de câble électrique à plusieurs conducteurs.

Publication

EP 0382482 B1 19950510 (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 12/10** (2006.01); **H01R 12/61** (2011.01)

CPC (source: EP)

H01R 12/616 (2013.01); **H01R 4/2433** (2013.01)

Cited by

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

Designated contracting state (EPC)

DE GB

DOCDB simple family (publication)

EP 0382482 A2 19900816; **EP 0382482 A3 19910227**; **EP 0382482 B1 19950510**; AU 4918590 A 19900809; AU 629900 B2 19921015; BR 9000511 A 19910115; CA 2009282 A1 19900806; CA 2009282 C 20010123; DE 69019187 D1 19950614; DE 69019187 T2 19960104

DOCDB simple family (application)

EP 90301242 A 19900206; AU 4918590 A 19900206; BR 9000511 A 19900206; CA 2009282 A 19900205; DE 69019187 T 19900206