

Title (en)
DEVICE FOR CONNECTING FLATTENED ELECTRIC CABLES, WHETHER HEATING OR NOT, COMPRISING TWO CONDUCTORS EMBEDDED IN A POLYMER

Title (de)
VORRICHTUNG FÜR HEIZENDE ODER NICHT HEIZENDE FLACHSANDKABEL, DIE, ZWEI IN EIN POLYMER EINGESETTENDE, DRÄHTE BESITZEN

Title (fr)
DISPOSITIF DE CONNEXION DE CABLES ELECTRIQUES MEPLATS, CHAUFFANTS OU NON, COMPORTANT DEUX CONDUCTEURS NOYES DANS UN POLYMER

Publication
EP 0998768 A1 20000510 (FR)

Application
EP 97935639 A 19970725

Priority
FR 9701404 W 19970725

Abstract (en)
[origin: WO9905756A1] The invention concerns a device for connecting flattened electric cables without having to separate the conductors from the polymer matrix, comprising a support (1) including an orifice wherein the cable(s) penetrate. Pins provided with teeth or connecting screws (9) are screwed on the support, penetrate into the support and generate electrical continuity. The support is protected by a protective cap (3) and the whole assembly is inserted in a half-housing (4) or (5). Hence two half-housings are constituted, one using male pins (5) and the other female pins (4). One of the supports (1A) is locked in the corresponding half-housing (4), the other (5) rotates freely, thereby enabling the screwing the two parts one on top of the other. The tightness is ensured by an O-ring seal (6). The two ends are closed by a flared joint (7) and a sealing ring (8). Said device is particularly designed for connecting self-regulating heating cables.

IPC 1-7
H01R 9/07; **H01R 13/52**; **H01R 13/622**

IPC 8 full level
H01R 12/61 (2011.01); **H01R 13/52** (2006.01); **H01R 13/622** (2006.01)

CPC (source: EP)
H01R 12/616 (2013.01); **H01R 13/5221** (2013.01); **H01R 13/622** (2013.01)

Citation (search report)
See references of WO 9905756A1

Designated contracting state (EPC)
AT BE CH DE DK FI FR GB IT LI NL SE

DOCDB simple family (publication)
WO 9905756 A1 19990204; AU 3854897 A 19990216; EP 0998768 A1 20000510

DOCDB simple family (application)
FR 9701404 W 19970725; AU 3854897 A 19970725; EP 97935639 A 19970725