

Title (en)

Tapping connection for a shielded electrical cable.

Title (de)

Abzweigungsverbinder für ein abgeschirmtes elektrisches Kabel.

Title (fr)

Connecteur de piquage pour cable électrique blindé.

Publication

EP 0392422 A1 19901017 (FR)

Application

EP 90106753 A 19900409

Priority

FR 8904970 A 19890414

Abstract (en)

Capping connection for a shielded multicore electrical cable incorporating, under its external jacket (6), a plurality of conductor wires (2) electrically insulated from each other and an electromagnetic shield (4A or 4B) forming a jacket for these conductor wires and, optionally, for a drain wire (5) for shielding electrical continuity. An annular portion of external jacket and at least a portion of the jacket which forms the shielding are removed at the chosen location along the cable for the mounting of the connector. The latter is composed of at least two parts (8, 9) which are complementary and separable for the positioning of a traversing cable and for its immobilisation between them, when they are brought together, and it comprises, on the one hand, a plurality of parallel slots (21) carried by one of the parts (8 or 9), each slot containing either a self-stripping connecting piece (23A) for the electrical connection of one of the insulated conductor wires (2) or of a drain wire (5), or a conductive piece (23B) forming a terminal for contact with a drain wire (5) or a shielding continuity conductive linkage (4A1). <IMAGE>

IPC 1-7

H01R 9/05

IPC 8 full level

H01R 4/24 (2006.01); **H01R 9/03** (2006.01); **H01R 9/05** (2006.01); **H01R 9/053** (2006.01)

CPC (source: EP US)

H01R 9/053 (2013.01 - EP US); **H01R 13/65912** (2020.08 - EP US)

Citation (search report)

- [Y] EP 0228750 A1 19870715 - DU PONT [US], et al
- [Y] EP 0287697 A1 19881026 - HONEYWELL BULL [US]
- [A] FR 2566968 A1 19860103 - RADIAL IND [FR]

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EP 90106753 A 19900409; CA 2014382 A 19900411; DE 69019225 T 19900409; ES 90106753 T 19900409; FR 8904970 A 19890414; JP 9915290 A 19900413; US 50780890 A 19900412