

Title (en)

ELECTRICAL CABLE, MANUFACTURING METHOD OF THIS CABLE AND INSTALLATION TO USE THE METHOD

Publication

**EP 0272211 A3 19890705 (FR)**

Application

**EP 87810730 A 19871209**

Priority

CH 505286 A 19861218

Abstract (en)

[origin: US4837405A] The cable is made up of a series of pairs stranded alternately in one direction and the other. At the locations of the reversal of the stranding direction, the individual conductors are kept in the form of a web and welded together side by side. Between two thus bonded segments, the adjacent pairs are twisted in opposite directions. A ground wire is provided with lengths of sheathing which come to be placed in the bonded segments. These segments are marked by deposition of a radioactive substance or other indicator material detectable during a subsequent stage of manufacture and actuating marking. Once overall stranding and jacketing have taken place, or during those stages, the bonded segments are spotted owing to the indicator substance and are marked visibly.

IPC 1-7

**H01B 7/08**; **H01B 7/36**; **H01B 11/00**

IPC 8 full level

**H01B 13/00** (2006.01); **H01B 7/00** (2006.01); **H01B 7/08** (2006.01); **H01B 7/36** (2006.01)

CPC (source: EP US)

**H01B 7/0876** (2013.01 - EP US); **H01B 7/36** (2013.01 - EP US); **Y10T 156/133** (2015.01 - EP US)

Citation (search report)

- [X] US 3459878 A 19690805 - GRESSITT TILLMAN J, et al
- [X] EP 0136040 A2 19850403 - MINNESOTA MINING & MFG [US]
- [A] US 3579823 A 19710525 - GRESSITT TILLMAN J
- [XP] GB 2176926 A 19870107 - KABELMETAL ELECTRO GMBH

Cited by

CN101834036A; EP0530763A1; GB2237442A; US2023154646A1

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

**EP 0272211 A2 19880622**; **EP 0272211 A3 19890705**; FI 875535 A0 19871216; FI 875535 A 19880619; JP S63166108 A 19880709; US 4837405 A 19890606; US 4963222 A 19901016

DOCDB simple family (application)

**EP 87810730 A 19871209**; FI 875535 A 19871216; JP 32005687 A 19871217; US 13063387 A 19871209; US 31970389 A 19890307