

Title (en)

Manufacturing process for an electrical cable connector, electrical cable and high-voltage transformer provided with such cables

Title (de)

Herstellungsverfahren für einen Kabelsteckverbinder, elektrisches Kabel und Hochspannungstransformator mit solchen Kabeln

Title (fr)

Procédé de fabrication d'un connecteur pour câble, câble électrique et transformateur haute tension muni de tels câbles

Publication

**EP 0721239 B1 20000524 (FR)**

Application

**EP 95402909 A 19951221**

Priority

FR 9500070 A 19950105

Abstract (en)

[origin: EP0721239A1] The method involves surrounding a multistrand twisted conductive core (21) by a coaxial plastic insulating sheath (22) which is stripped at one end so that the core can be threaded through the central hole (24) of a thin metallic disc (23). Spikes (26) preferably distributed uniformly in a ring around the central hole are driven into the end face of the sheath to secure the disc to the end of the cable. Conductive solder (e.g. Sn-Pb alloy) deposited on to the cable core is drawn by capillary attraction into the spaces between its strands, and covers the tapered neck (25) around the hole which guides the insertion of the core.

IPC 1-7

**H01R 43/28**; **H01R 4/02**

IPC 8 full level

**H01F 38/42** (2006.01); **H01R 4/02** (2006.01); **H01R 43/28** (2006.01); **H02G 15/02** (2006.01)

CPC (source: EP US)

**H01R 4/028** (2013.01 - EP US); **H01R 43/28** (2013.01 - EP US); **Y10T 29/49179** (2015.01 - EP US); **Y10T 29/49213** (2015.01 - EP US)

Citation (examination)

EP 0236642 A1 19870916 - OREGA ELECTRO MECANIQUE [FR]

Cited by

CN106057286A; DE19806128A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

**EP 0721239 A1 19960710**; **EP 0721239 B1 20000524**; DE 69517146 D1 20000629; DE 69517146 T2 20010125; FR 2729254 A1 19960712; FR 2729254 B1 19970307; IN 186276 B 20010728; JP H08265952 A 19961011; US 5750928 A 19980512

DOCDB simple family (application)

**EP 95402909 A 19951221**; DE 69517146 T 19951221; FR 9500070 A 19950105; IN 2CA1996 A 19960101; JP 22496 A 19960105; US 57232795 A 19951214