

Title (en)

Process for connecting an electric cable to a terminal element and correspondant terminal element

Title (de)

Verfahren zum Anschliessen eines elektrischen Kabels an einem Anschlusselement und das Anschlusselement selbst

Title (fr)

Procédé de raccordement d'un câble électrique sur un élément d'extrémité et élément d'extrémité correspondant

Publication

EP 0635901 B1 19971008 (FR)

Application

EP 94401639 A 19940718

Priority

FR 9308818 A 19930719

Abstract (en)

[origin: EP0635901A1] In order to connect an electrical cable (12) electrically and in a sealed manner to a terminal element (10), such as an electrical contact, it is proposed to insert the partially stripped end of the cable into a stepped blind bore (26) formed in a rear connecting part (10b) of the element (10). More specifically, the stripped end of the cable is received in two cylindrical portions (26a, 26b) of the bore (26), into which portions have been inserted beforehand a transparent sleeve (30) closing off an inspection hole (32), and a metal interface ring (34). The non-stripped part of the cable is received in a cylindrical entrance portion (26c) of the bore (26). Next, the partially frustoconical external surface of the part (10b) is deformed, by wire-type drawing, in order to give it a cylindrical shape. <IMAGE>

IPC 1-7

H01R 4/18

IPC 8 full level

H01R 4/18 (2006.01)

CPC (source: EP US)

H01R 4/183 (2013.01 - EP US); **Y10T 29/49183** (2015.01 - EP US); **Y10T 29/49185** (2015.01 - EP US); **Y10T 29/49199** (2015.01 - EP US)

Cited by

EP4210174A1; EP0966061A3; EP2273618A1; FR2947960A1

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EP 0635901 A1 19950125; EP 0635901 B1 19971008; CA 2127913 A1 19950120; CA 2127913 C 20051025; DE 69406065 D1 19971113; DE 69406065 T2 19980409; ES 2110196 T3 19980201; FR 2708150 A1 19950127; FR 2708150 B1 19951013; US 5499448 A 19960319

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