Title (en)

ASSEMBLY FOR FIXATION OF THE END OF AN ELECTRICAL CABLE HAVING AN ANNULARLY CORRUGATED OUTER CONDUCTOR WITHIN THE BODY OF A CONNECTOR

Publication

EP 0045038 B1 19851023 (FR)

Application

EP 81105714 A 19810721

Priority

FR 8016437 A 19800725

Abstract (en)

[origin: EP0045038A1] 1. A device for fixing the end of an electric cable with an outer conductor (3) having annular corrugations, inside the body of a connector (4), this body comprising a) a bore for receiving the end of the outer conductor, the rim of this bore which is opposed to this end being supplied with an inner threading, b) a bore of smaller diameter for the passage of the axial conductor (1) of the cable, c) a transition zone between the two bores, this device comprising d) a sleeve (5, 15) which can be threaded on the end of the outer conductor, allowing at least one terminal corrugation to project there beyond, and which is supplied with an outer threading cooperating with the inner threading of the bore for receiving the end of the outer conductor, and e) at least one resilient ring (6, 16), which can be inserted to the bottom of the bore for receiving the end of the outer conductor, and which presents such a thickness that it comes into contact on the one land with the inner wall of the connector and on the other hand with the outer conductor, characterized in that said transition zone comprises a conical surface, the summit of which is located on the side opposed to that of the bore with smaller diameter, and that the ring is inserted with force to the bottom of a terminal corrugation of the outer conductor so as to press the latter against conical surface.

IPC 1-7

H01R 17/12

IPC 8 full level

H01R 13/646 (2011.01)

CPC (source: EP)

H01R 24/564 (2013.01); H01R 2103/00 (2013.01)

Cited by

US4464000A; AU2005301003B2; RU2715377C1; RU2715377C9; RU2677227C2; AU737231B2; ES2074960A2; EP0936703A3; US7462069B2; WO2006047907A1

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