

Title (en)

TERMINAL ASSEMBLY FOR SHIELDED CABLE

Title (de)

KLEMMENANORDNUNG FÜR GESCHIRMTES KABEL

Title (fr)

ENSEMBLE DE TERMINAISON POUR CÂBLE BLINDÉ

Publication

EP 3425741 B1 20220824 (EN)

Application

EP 18179215 A 20180622

Priority

- US 201762528651 P 20170705
- US 201815985833 A 20180522

Abstract (en)

[origin: EP3425741A1] A terminal assembly (10) is configured to terminate a shielded cable (12) having an inner conductor (14), an inner insulator (16) surrounding the inner conductor (14), an outer conductor (18) surrounding the inner insulator (16), and an outer insulator (20) surrounding the outer conductor (18). This terminal assembly (10) includes a generally cylindrical outer ferrule (32) formed of a plastic conductive material, i.e. a material that is deformed after stress is removed, and a generally cylindrical inner ferrule (222) formed of an elastic dielectric material i.e. a material that recovers after stress is removed, having a plurality of circumferential grooves (238) defined in an outer surface (226) thereof. At least a portion of the inner ferrule (222) is disposed within the outer ferrule (32). A portion of the outer conductor (18) is disposed intermediate the inner ferrule (22) and the outer ferrule (32) and is in intimate contact therewith.

IPC 8 full level

H01R 9/05 (2006.01)

CPC (source: EP)

H01R 9/0518 (2013.01)

Citation (examination)

- FR 1386812 A 19650122 - AMP INC
- GB 2064236 A 19810610 - BENDIX CORP

Cited by

EP4191805A1

Designated contracting state (EPC)

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