Title (en)

Terminal-processed structure of shielded cable and terminal-processing method of the same

Title (de)

Anschlussstruktur eines abgeschirmten Kabels und dessen Anschlussverfahren

Title (fr)

Structure de connexion d'un câble blinde et méthode de connexion de celui-ci

Publication

**EP 0694989 A3 19961127 (EN)**

Application

**EP 95303794 A 19950602**

Priority

JP 19796394 A 19940729

Abstract (en)

[origin: EP0694989A2] A terminal-processed structure of a shielded cable is so simple that the shielded cable becomes easy for use. In a shielded cable (10), core wires (12) covered by a first insulating layer (11) are sheathed by braided metallic wires (13) on the outer periphery thereof and are further covered by a second insulating layer (14) on the braided metallic wires (13). The braided metallic wires (13) are exposed at one end of the shielded cable (10). A hard sleeve-like body (20) is inserted beneath the exposed, braided metallic wires (13). A conductive sleeve like body (30) is crimped onto the exposed, braided metallic wires (13) on the one end of the shielded cable (10). The conductive sleeve-like body (30) crimped on the one end of the shielded cable (10) is attached to a conductive casing (40) by a conductive band (41) or ring (42) when the shielded cable (10) is used. Thus, the braided metallic wires (13) are electrically communicated with the casing (40). <MATH>

IPC 1-7

**H01R 9/05**

IPC 8 full level

**H01R 43/00** (2006.01); **H01R 9/03** (2006.01); **H01R 9/05** (2006.01)

CPC (source: EP)

**H01R 9/0518** (2013.01); **H01R 13/65914** (2020.08); H01R 9/0515 (2013.01)

Citation (search report)

- [X] US 3383457 A 19680514 - LUDLOW SCHUMACHER WILLIAM, et al
- [X] US 4415223 A 19831115 - ASICK JOHN C [US]
- [A] US 4891022 A 19900102 - CHANDLER CURTIS S [US], et al
- [A] US 5037328 A 19910806 - KARLOVICH ROBERT J [US]
- [DA] PATENT ABSTRACTS OF JAPAN vol. 15, no. 36 (E - 1027) 29 January 1991 (1991-01-29)

Cited by

US6143987A; GB2560800B; US5994646A; CN113823961A; US5716236A; CN103403970A; US5962812A; US6137056A; US5725387A; CN109565120A; FR2764743A1; US6056597A; GB2326989B; US9071045B2; US6270377B1; US10128611B2; WO2012118134A1; WO9704500A1; WO2018025145A1; DE102008021747A1; US8609989B2; US10680355B2

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**EP 0694989 A2 19960131**; **EP 0694989 A3 19961127**; **EP 0694989 B1 20010117**; DE 69519899 D1 20010222; DE 69519899 T2 20010517; JP H0845575 A 19960216

DOCDB simple family (application)

**EP 95303794 A 19950602**; DE 69519899 T 19950602; JP 19796394 A 19940729