

Title (en)
Terminal sleeve structure

Title (de)
Anschlussklemmenhülsenstruktur

Title (fr)
Structure de manchon terminal

Publication
EP 2978071 A1 20160127 (EN)

Application
EP 14178620 A 20140725

Priority
EP 14178620 A 20140725

Abstract (en)
A terminal sleeve structure contains: a body including a connector and an accommodating extension; a fitting sleeve including a diameter-decreasing segment formed on a first end thereof and a diameter-increasing segment arranged on a second end thereof; the cable including the plural core wires and an insulation layer. Before inserting the cable into the body, the insulation layer is stripped to expose the plural core wires, and the cable is inserted into the hollow accommodating extension from the diameter-increasing segment via the guiding loop. The guiding loop is fitted into the fitting sleeve from the diameter-increasing segment, the guiding loop includes a first opening defined on a first end thereof and a second opening defined on a second end thereof, a diameter of the second opening is greater than the first opening, the guiding loop further includes an arcuate guide face defined between the first opening and the second opening.

IPC 8 full level
H01R 4/20 (2006.01); **H01R 11/12** (2006.01); **H01R 43/28** (2006.01)

CPC (source: EP)
H01R 4/20 (2013.01); **H01R 11/12** (2013.01); **H01R 43/28** (2013.01)

Citation (search report)
• [Y] US 3605077 A 19710914 - KAYLOR KARL LESTER
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US2020067210A1; JP2021182467A; WO2018104166A1; WO2021235190A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

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