

Title (en)

PLUG CONNECTOR ASSEMBLY AND METHOD FOR MANUFACTURING A PLUG CONNECTOR ASSEMBLY

Title (de)

STECKVERBINDERANORDNUNG SOWIE VERFAHREN ZUM KONFEKTIONIEREN EINER STECKVERBINDERANORDNUNG

Title (fr)

ENSEMBLE CONNECTEUR ENFICHABLE ET PROCÉDÉ DE FABRICATION D'UN ENSEMBLE CONNECTEUR ENFICHABLE

Publication

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Application

EP 21702219 A 20210126

Priority

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Abstract (en)

[origin: WO2021151869A1] The present invention relates to a prefabricated electrical cable (1). The present invention also relates to a plug connector assembly (100). The invention finally also relates to a method and to an apparatus for manufacturing an electrical cable (1). A prefabricated electrical cable (1) comprises an outer conductor shield (5) and an insulation element (4). The insulation element (4) has a first longitudinal section (L1) in which the insulation element (4) is exposed from the outer conductor shield (5), and a second longitudinal section (L2) which adjoins the first longitudinal section and in which the insulation element (4) is enclosed by the outer conductor shield (5). A cross-sectional area of the insulation element (4) in the first longitudinal section (L1) is changed with respect to the cross-sectional area of the insulation element (4) in the second longitudinal section (L2) in such a way that the first longitudinal section (L1) of the insulation element (4) can be inserted into a first longitudinal section (S1) of an outer conductor contact element (14) of an electrical plug connector (15), and the insulation element (4) is calibrated to the outer conductor contact element (14) in the first longitudinal section (L1).

IPC 8 full level

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Citation (examination)

- DE 2303792 B2 19780810
- US 6319077 B1 20011120 - TAKANASHI HITOSHI [JP]
- US 2016134032 A1 20160512 - HALL JOHN WESLEY [US], et al

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DOCDB simple family (application)

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