

Title (en)
CABLE CONNECTION COMPONENT

Title (de)
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Title (fr)
ÉLÉMENT DE CONNEXION DE CÂBLE

Publication
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Application
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Abstract (en)
[origin: WO2015197776A1] The invention relates to a cable connection component for electrically connecting a multi-core cable (2), comprising a union nut (4) having an internal thread (3), and a splicing part (6) made of insulating material having a plurality of incisions (5) for separating the cores (7) of the cable (2). Upon screwing the union nut (4) onto a connection body (9) having an external thread (8) corresponding to the internal thread (3), the core insulation of the core ends inserted into the splice part (6) are severed by insulation displacement terminations (10) that are arranged in the connection body (9) and are immersing into the incisions (5) in the splice part (6), and the conductors of the cores are contacted. An uncomplicated and safe contacting, even of multi-core cables, wherein at the same time a simple means of manufacture of the cable connection component is ensured, is ensured by the following: The splice part (6) has a cable receiving part (11) and a core guiding part (12), the core guiding part (12) has at least two core receptacles (22), each core receptacle (22) has at least two retaining elements (23) and at least two clamp elements (25) forming a clamping gap (24), in core insertion direction, first the retaining elements (23) are arranged, and the clamp elements (25) are arranged subsequently thereto, and the distances of the inner surfaces (27, 30) and the outer surfaces (26) of the clamp elements (25) and the retaining elements (23) to the longitudinal axis of the core guiding part (12) are selected such that in the core insertion direction, the retaining elements (23) and the clamp elements (25) are arranged so as not to overlap.

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