

Title (en)

ELECTRICAL PLUG CONTACT FOR HIGH-CURRENT APPLICATIONS AND ELECTRICAL CONNECTOR SYSTEM FOR HIGH-CURRENT APPLICATIONS

Title (de)

ELEKTRISCHER STECKKONTAKT FÜR HOCHSTROMANWENDUNGEN UND STECKVERBINDERSYSTEM FÜR HOCHSTROMANWENDUNGEN

Title (fr)

CONTACT MÂLE ÉLECTRIQUE POUR APPLICATIONS À FORT COURANT ET SYSTÈME DE CONNECTEUR POUR APPLICATIONS À FORT COURANT

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Application

EP 18749346 A 20180731

Priority

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Abstract (en)

[origin: WO2019025402A1] The invention relates to an electrical plug contact for high-current applications. The plug contact comprises a housing (20), which extends along a longitudinal axis (A) and has an interior space (21) for receiving a mating contact (8). The plug contact also comprises a cable (1), which is formed from a plurality of stranded wires (5a). The cable (1) is guided from an outside space (22) of the housing (20) into the interior space (21) of the housing (20) and is fastened to the housing (20). The cable (1) has an end (1a) in the interior space (21). The cable (1) has a damping portion (4) adjacent to the end (1a), in which damping portion the cable (1) is split into a plurality of separate line strands (5). A contacting element (6) suitable for electrically and mechanically contacting the mating contact (8) is fastened to at least two line strands (5).

IPC 8 full level

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