

Title (en)

ELECTRICAL CONNECTOR AND ELECTRICAL CONNECTION

Title (de)

ELEKTRISCHER STECKVERBINDER UND ELEKTRISCHE STECKVERBINDUNG

Title (fr)

CONNECTEUR ENFICHABLE ÉLECTRIQUE ET CONNEXION ENFICHABLE ÉLECTRIQUE

Publication

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Application

EP 22801112 A 20221011

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Abstract (en)

[origin: WO2023072579A1] The present invention relates to an electrical plug connector, which has an insulation element and an outer conductor, at the end region of which spring lugs for contacting an outer conductor of the mating plug connector are formed. An electrical plug connector (1) for electrically and mechanically connecting to an electrical mating plug connector (15) has an insulation element (4) and an outer conductor contact element (5), which at least partly surrounds the insulation element (4). Spring lugs (10) for contacting a corresponding outer conductor (14) of the mating plug connector (15) are formed in the outer conductor contact element (5). When the plug connector (1) is not plugged together with the mating plug connector (15), at least one spring lug (10) is spaced apart from the insulation element (4). When the plug connector (1) is partly plugged together or plugged together with the mating plug connector (15), the insulation element (4) is centeredly clamped by at least a subset of the spring lugs (10) because of a first element (14) of the mating plug connector, said first element being applied to the outer conductor contact element (5).

IPC 8 full level

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