

Title (en)

CHARGING PLUG AND CHARGING PLUG/CHARGING SOCKET SYSTEM FOR CHARGING AN ELECTRIC VEHICLE

Title (de)

LADESTECKER UND LADESTECKER-LADEBUCHSEN-SYSTEM ZUM LADEN EINES ELEKTROFAHRZEUGS

Title (fr)

CHARGEUR ET SYSTÈME DE BOÎTIER DE CHARGE POUR CHARGER UN VÉHICULE ÉLECTRIQUE

Publication

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Application

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Abstract (en)

[origin: WO2019008051A1] The invention relates to a charging plug (10) for transmitting a charging current to an electrically operatable vehicle, having multiple contact elements for electrically contacting the charging plug (10) with contact elements of a charging socket (20). According to the invention, the charging plug (10) has a conical or cylindrical plug body (11), on the outer face of which multiple contact paths (30; 31; 32; 33; 34) that run concentrically about the plug body (11) are formed in a distributed manner in the axial direction. The invention additionally relates to a charging plug/charging socket system comprising such a charging plug (10) and a charging socket (20) with a hollow socket body (21) into which the plug body (11) of the charging plug (10) can be inserted, wherein contact surfaces (50; 51; 52; 53; 54) which run concentrically in the socket body (21) are formed on the inner face of the socket body (21).

IPC 8 full level

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