

Title (en)

ELECTRICAL COUPLING DEVICE, ELECTRICAL SYSTEM AND ELECTRICAL AND MECHANICAL COUPLING METHOD

Title (de)

ELEKTRISCHE KOPPELVORRICHTUNG, ELEKTRISCHES SYSTEM UND VERFAHREN ZUM ELEKTRISCHEN SOWIE MECHANISCHEN KOPPELN

Title (fr)

DISPOSITIF DE COUPLAGE ÉLECTRIQUE, SYSTÈME ÉLECTRIQUE ET PROCÉDÉ DE COUPLAGE ÉLECTRIQUE ET MÉCANIQUE

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Application

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Abstract (en)

[origin: WO2021148138A1] The invention relates to an electrical coupling device (1) for electrically and mechanically coupling a power conducting device (2) of an electrical system (3) to an electrical unit (4) of the electrical system (3), comprising an electrical conductor device (5) having a first electrical conductor section (6) and a second electrical conductor section (9), the electrical conductor device (5) having a connecting conductor (11) for electrically coupling the first electrical conductor section (6) to the second electrical conductor section (9), further comprising an insulating cone (12) with a central leadthrough (13), a portion of the electrical conductor device (5) being located in the central leadthrough (13), and finally comprising a mechanical terminal unit (14) having a first mechanical connecting section (15) and a second mechanical connection section (18). The invention further relates to an electrical system (3) and to a method for electrically and mechanically coupling a power conducting device (2) of an electrical system (3) to an electrical unit (4) of the electrical system (3).

IPC 8 full level

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