

Title (en)

CHARGING DEVICE FOR AN ENERGY STORE OF A MOTOR VEHICLE, AND ALSO ELECTRICAL MACHINE ARRANGEMENT WHICH IS EQUIPPED WITH SAID CHARGING DEVICE

Title (de)

LADEGERÄT FÜR ENERGIESPEICHER EINES KRAFTFAHRZEUGS SOWIE DAMIT AUSGESTATTETE ELEKTROMASCHINENANORDNUNG

Title (fr)

CHARGEUR POUR ACCUMULATEUR D'ÉNERGIE D'UN VÉHICULE AUTOMOBILE ET DISPOSITIF DE MACHINE ÉLECTRIQUE ÉQUIPÉ DE CELUI-CI

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Application

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Abstract (en)

[origin: WO2018108386A1] The invention relates to a charging device (50) for charging energy stores (24, 34) of an electrical machine arrangement (10) for a motor vehicle. The charging device (50) comprises a primary side (56) with a first connection (L, N) for the connection to a power supply system and comprises a secondary side (58) with a second connection (51, 52) for the connection to a second energy store (34). The charging device (50) is distinguished in that it has, on the primary side (56), a third connection (53, 54) for the connection to a first energy store (24) and is provided with a control circuit (70) for switching over the load flux in such a way that, via the second connection (51, 52), energy can be transmitted from the second energy store (34), via the third connection (53, 54), to the first energy store (24). The invention further relates to an electrical machine arrangement (10) which is provided with the charging device (50).

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