

Title (en)

POWER NETWORK FOR A MOTOR VEHICLE AND METHOD FOR OPERATING A POWER NETWORK FOR A MOTOR VEHICLE

Title (de)

ENERGIENETZ FÜR EIN KRAFTFAHRZEUG UND VERFAHREN ZUM BETREIBEN EINES ENERGIENETZES FÜR EIN KRAFTFAHRZEUG

Title (fr)

RÉSEAU D'ÉNERGIE POUR UN VÉHICULE À MOTEUR ET PROCÉDÉ DE FONCTIONNEMENT D'UN RÉSEAU D'ÉNERGIE POUR UN VÉHICULE À MOTEUR

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Application

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Abstract (en)

[origin: WO2020178233A1] The invention relates to a high-availability power network (E) for a motor vehicle having a manual or highly automated driving function. For this purpose, the power network (E) comprises a first partial power network (T1), which is connected to a supply potential (KL30.B), a second partial power network (T2), and a coupling element (K, Kx) which couples the second partial power network (T2) via the first partial power network (T1) to the supply potential (KL30.B). The coupling element (K, Kx) has a reversible disconnect function, such that the coupling element (K, Kx) is designed to reversibly decouple the first partial power network (T1) from the second partial power network (T2) according to a physical value of the first partial power network (T1).

IPC 8 full level

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