Title (en)

ELECTRIC TRACTION CHAIN FOR AN AUTOMOBILE

Title (de)

ELEKTRISCHER ANTRIEBSSTRANG FÜR EIN AUTO

Title (fr)

CHAINE DE TRACTION ELECTRIQUE POUR VEHICULE AUTOMOBILE

Publication

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Application

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Abstract (en)

[origin: WO2010012924A2] The invention relates to an electric traction chain (1) for an automobile, including: - an onboard rechargeable power source (2); - a static converter (5) capable of generating a three-phase voltage system connected by input to said rechargeable power source (2); a three-phase electric motor (10) supplied with power by the three-phase voltage system generated by the static converter (5); and wherein an external electric power source (35) is connectable to the stator windings of the motor to enable recharging of the onboard power source across the static converter (5). The electric traction chain is characterized in that the motor (10) is synchronous with separate excitation, for which the power supply to the rotor (23) is cut off during the recharging phases.

IPC 8 full level

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CPC (source: EP KR US)

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