

Title (en)

MODULAR DC LINK CIRCUIT OF A CONVERTER, CONVERTER CIRCUIT, ENERGY CONVERTER, AND VEHICLE

Title (de)

MODULARE ZWISCHENKREISSCHALTUNG EINES UMRICHTERS, UMRICHTERSCHALTUNG, ENERGIEWANDLER UND FAHRZEUG

Title (fr)

CIRCUIT INTERMÉDIAIRE MODULAIRE D'UN CONVERTISSEUR, CIRCUIT CONVERTISSEUR, CONVERTISSEUR D'ÉNERGIE ET VÉHICULE

Publication

EP 3631967 A1 20200408 (DE)

Application

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Priority

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- EP 2018064533 W 20180601

Abstract (en)

[origin: WO2018220212A1] The invention relates to a modular DC link circuit for a power converter, comprising at least two or more DC link capacitor modules connected in parallel in a chain, each DC link capacitor module having a first connection point, a second connection point and at least one first DC link capacitor, which is electrically connected to the first connection point and the second connection point, the first connection points of the DC link capacitor modules immediately following each other in the chain being connected in each case by means of a first low-resistance, high-inductance connection and a first high-resistance, low-inductance connection connected in parallel therewith, and the second connection points of the DC link capacitor modules immediately following each other in the chain being connected in each case by means of a second low-resistance, high-inductance connection and a second high-resistance, low-inductance connection connected in parallel therewith. The invention further relates to a converter circuit, to an energy converter, and to a vehicle.

IPC 8 full level

H02M 7/00 (2006.01)

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Citation (search report)

See references of WO 2018220212A1

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DOCDB simple family (publication)

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