

Title (en)
NON-ISOLATED DC/DC VOLTAGE CONVERTER

Title (de)
NICHTISOLIERTER GLEICHSPANNUNGSWANDLER

Title (fr)
CONVERTISSEUR DE TENSION DC/DC NON-ISOLE

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Application
EP 22713385 A 20220304

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Abstract (en)
[origin: WO2022228759A1] The invention relates to a voltage converter (10, 10') having first (12), second (14), third (16) and fourth (18) DC terminals and at least one arm (20, 30, 40) comprising exactly three electrical conversion modules (22, 32, 42, 24, 34, 44, 26, 36, 46), each comprising a chain of controllable submodules (SM) capable of assuming at least a first state in which a capacitor is inserted into the chain of submodules, the converter further comprising a first filter module (50) electrically connected between an intermediate point of the arm and said third DC terminal, and a second filter module (54) electrically connected between a second intermediate point of the arm and said second DC terminal.

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