

Title (en)

DC-DC CONVERTER AND METHOD FOR CONTROLLING A DC-DC CONVERTER

Title (de)

GLEICHSPANNUNGSWANDLER UND VERFAHREN ZUR ANSTEUERUNG EINES GLEICHSPANNUNGSWANDLERS

Title (fr)

CONVERTISSEUR CONTINU-CONTINU ET PROCÉDÉ DE COMMANDE D'UN CONVERTISSEUR CONTINU-CONTINU

Publication

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Application

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Abstract (en)

[origin: WO2018072953A1] The present invention relates to a DC-DC converter and to a method for controlling a DC-DC converter with high dielectric strength and reduced power losses. An optimized control of a potential-isolating multi-level half-bridge converter according to a phase-shifted full-bridge configuration with a novel modulation method is proposed.

IPC 8 full level

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Citation (search report)

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