

Title (en)

VOLTAGE CONVERTER ARRANGEMENT AND METHOD FOR OPERATING A VOLTAGE CONVERTER ARRANGEMENT HAVING A CONTROLLER ELEMENT WIRED BETWEEN A FIRST INPUT VOLTAGE NODE AND A FIRST OUTPUT VOLTAGE NODE

Title (de)

SPANNUNGSWANDLERANORDNUNG UND VERFAHREN ZUM BETRIEB EINER SPANNUNGSWANDLERANORDNUNG MIT EINEM REGLERELEMENT, DAS ZWISCHEN EINEN ERSTEN EINGANGSSPANNUNGSKNOTEN UND EINEN ERSTEN AUSGANGSSPANNUNGSKNOTEN GESCHALTET IST

Title (fr)

DISPOSITIF CONVERTISSEUR DE TENSION ET PROC& XC9;D& XC9; POUR FAIRE FONCTIONNER UN DISPOSITIF CONVERTISSEUR DE TENSION DOT& XC9; D'UN & XC9;L& XC9;MENT DE R& XC9;GLAGE QUI EST MONT& XC9; ENTRE UN PREMIER N& X152;UD DE TENSION D'ENTR& XC9;E ET UN PREMIER N& X152;UD DE TENSION DE SORTIE

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Application

EP 18825726 A 20181221

Priority

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Abstract (en)

[origin: WO2019122428A1] The invention relates to a voltage converter arrangement comprising a clocked voltage converter which is able, based on an input voltage, to generate an output voltage, such that a value of the output voltage is greater than a value of the input voltage, and a first control element, which is wired between a first input voltage node, which is different from a reference potential node, and a first output voltage node, which is different from a reference potential node. The first control element is designed to enable a current flow at least temporarily, in the case that a value of the output voltage is greater than a value of the input voltage.

IPC 8 full level

H02M 1/15 (2006.01); **G05F 1/46** (2006.01); **H02J 1/02** (2006.01); **H02M 1/00** (2006.01); **H02M 3/00** (2006.01); **H02M 3/155** (2006.01); **H02M 3/158** (2006.01); **H05B 44/00** (2022.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2019122428A1

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