

Title (en)

METHOD FOR OPERATING A FREQUENCY CONVERTER AND FREQUENCY CONVERTER

Title (de)

VERFAHREN ZUM BETREIBEN EINES FREQUENZUMRICHTERS UND FREQUENZUMRICHTER

Title (fr)

PROCÉDÉ POUR FAIRE FONCTIONNER UN CONVERTISSEUR DE FRÉQUENCE ET CONVERTISSEUR DE FRÉQUENCE

Publication

**EP 3326286 A1 20180530 (DE)**

Application

**EP 16751189 A 20160719**

Priority

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Abstract (en)

[origin: WO2017013117A1] The invention relates to a method for operating a frequency converter which is designed for controlling a rotary current motor, wherein the frequency converter comprises three half-bridges, each having at least two switching means. The method comprises the steps of: - generating three phase voltages for the rotary current motor by means of pulse width modulation, wherein different switching patterns of the switching means are activated for pulse width modulation, wherein specific star point voltages are reached for different groups of switching patterns, - wherein only those switching pattern are activated in at least one operating state of the frequency converter within a respective period (TP) of the pulse width modulation, which reach an identical star point voltage.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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