

Title (en)

METHOD FOR CONTROLLING A THREE-PHASE INVERTER

Title (de)

VERFAHREN ZUR STEUERUNG EINES DREIPHASIGEN GLEICHRICHTERS

Title (fr)

PROCÉDÉ DE COMMANDE D'UN ONDULATEUR TRIPHASÉ

Publication

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Application

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Abstract (en)

[origin: WO2019008242A1] The invention relates to a method for controlling a three-phase voltage inverter receiving a direct input voltage, the method comprising a step (40) of correcting the reference voltage vector comprising: - a step (44) of computing at least one trigonometric value (Sk, Ck) of an angle formed by the bisector of the sector in which the reference voltage vector is located with the abscissa of the first two-dimensional reference frame as a function of the signs of the two components of the reference voltage vector in the first two-dimensional reference frame; - a step (47) of computing components of a corrected reference three-phase voltage as a function of said at least one computed trigonometric value (Sk, Ck).

IPC 8 full level

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