Title (en)

METHOD FOR CONTROLLING THE POWER SUPPLY OF A THREE-PHASED ELECTRIC MOTOR FROM A DC VOLTAGE SOURCE AND DEVICE FOR IMPLEMENTING SAME

Title (de)

VERFAHREN ZUR STEUERUNG DER STROMVERSORGUNG EINES DREHSTROMMOTORS MIT EINER GLEICHSTROMSPANNUNGSQUELLE SOWIE VORRICHTUNG ZUR ANWENDUNG DIESES VERFAHRENS

Title (fr)

PROCEDE DE COMMANDE DE L'ALIMENTATION D'UN MOTEUR ELECTRIQUE TRIPHASE A PARTIR D'UNE SOURCE DE TENSION CONTINUE ET DISPOSITIF POUR SA MISE EN OEUVRE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2009019390A2] The invention relates to a method for controlling the power supply of a three-phased electric motor (16) from a DC voltage source (14), that comprises the step of determining operation conditions of the motor in which values are allocated to parameters (id*, iq*) for controlling the motor corresponding to said operation conditions, characterised in that it comprises: a test step for determining if the values allocated to the control parameters are adapted to a characteristic of the DC voltage source; if the test step is negative, the step of modifying the values allocated to control the parameters; and the step of operating the motor in the operation conditions defined by the values allocated to the control parameters.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2009019390A2

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