

Title (en)

METHOD FOR CONTROLLING A MULTIPHASE ROTARY ELECTRIC MACHINE AND ROTARY ELECTRIC MACHINE USING SAME

Title (de)

VERFAHREN ZUR STEUERUNG EINER MEHRPHASIGEN ELEKTRISCHEN DREHMASCHINE UND ELEKTRISCHE DREHMASCHINE MIT VERWENDUNG DAVON

Title (fr)

PROCEDE DE PILOTAGE D'UNE MACHINE ELECTRIQUE TOURNANTE POLYPHASEE ET MACHINE ELECTRIQUE TOURNANTE METTANT EN OEUVRE CE PROCEDE

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Application

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Abstract (en)

[origin: WO2019012010A1] The invention relates to a method for controlling a multiphase rotary electric machine comprising a rotor that rotates relative to a stator, the stator comprising first and second three-phase windings (B1, B2) positioned relative to one another at a mechanical angle and an electric angle, the first and second three-phase windings (B1, B2) defining a number of pairs of poles and phases around a predefined number of slots (100), wherein the electric angle between the first and second three-phase windings (B1, B2) is out of phase with the mechanical angle so as to optimise at least one of the technical features of the torque of the machine.

IPC 8 full level

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