

Title (en)

METHOD AND DEVICE FOR OPERATING AN ASYNCHRONOUS MACHINE, AND AN ASYNCHRONOUS MACHINE

Title (de)

VERFAHREN UND VORRICHTUNG ZUM BETREIBEN EINER ASYNCHRONMASCHINE, ASYNCHRONMASCHINE

Title (fr)

PROCÉDÉ ET DISPOSITIF PERMETTANT DE FAIRE FONCTIONNER UNE MACHINE ASYNCHRONE, ET MACHINE ASYNCHRONE

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Application

EP 14728536 A 20140604

Priority

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Abstract (en)

[origin: WO2014206692A2] The invention relates to a method for operating an asynchronous machine (1) comprising a rotor (3) and a stator (2), in which a torque of the asynchronous machine (1) is adjusted by specifying a desired magnetic flux of a surrounding magnetic field of the stator (2) and specifying a desired slip between a rotational speed of the rotor (3) and the rotational speed of the surrounding magnetic field. According to the invention, at least in the load condition and when a rotary frequency of the surrounding magnetic field of the stator is equal to zero, the desired magnetic flux and/or the desired slip with constant torque is changed in such a way that an actual rotary frequency of the surrounding magnetic field is not equal to zero.

IPC 8 full level

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