

Title (en)

METHOD AND CONTROL UNIT FOR DETERMINING THE STRENGTH OF A MAGNETIZATION CURRENT FOR AN ASYNCHRONOUS MOTOR

Title (de)

VERFAHREN UND STEUERGERÄT ZUR BESTIMMUNG EINER STÄRKE EINES MAGNETISIERUNGSSTROMES FÜR EINEN ASYNCHRONMOTOR

Title (fr)

PROCÉDÉ ET DISPOSITIF DE COMMANDE POUR DÉTERMINER L'INTENSITÉ D'UN COURANT DE MAGNÉTISATION POUR UN MOTEUR ASYNCHRONE

Publication

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Application

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Abstract (en)

[origin: WO2011098245A2] The invention relates to a method (300) for determining the strength of a magnetization current for an asynchronous motor. Said method (300) comprises a step, in which an individual characteristic curve (200) is provided (310) for the asynchronous motor (120), said curve representing the influence of a magnetization current on at least one winding of the asynchronous motor (120) for a predetermined magnetization current. The method (300) also comprises a step, in which the strength of the magnetization current is determined (320) to magnetize the asynchronous motor (120) using the individual characteristic curve (200) for said motor (120).

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