

Title (en)

METHOD AND DEVICE FOR POSITIONING A BRUSHLESS ELECTRIC DRIVE

Title (de)

VERFAHREN UND VORRICHTUNG ZUR POSITIONIERUNG EINES BÜRSTENLOSEN ELEKTROANTRIEBS

Title (fr)

PROCÉDÉ ET DISPOSITIF DE POSITIONNEMENT D'UN ENTRAÎNEMENT ÉLECTRIQUE SANS BALAI

Publication

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Application

EP 13725270 A 20130502

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Abstract (en)

[origin: WO2013164093A2] The invention relates to a method for positioning a brushless electric drive comprising a stator that has at least one phase winding (U, V, W) to which a voltage signal can be applied, and a rotor equipped with magnetic poles. In said method, a voltage signal is applied to the at least one phase winding (U, V, W), said voltage signal generates a magnetic field as a result of the current flowing in the phase winding (U, V, W), the magnetic field putting the rotor into alignment, and as long as the rotor is in motion, the voltage signal is modified in accordance with the intensity of the current induced in the at least one phase winding (U, V, W) by the moving rotor, in such a way that the induced current is increased.

IPC 8 full level

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