

Title (en)
CALIBRATION AND DIAGNOSIS DEVICE AND METHOD FOR ELECTRICAL MACHINES

Title (de)
KALIBRIER- UND DIAGNOSEVORRICHTUNG UND VERFAHREN FÜR ELEKTRISCHE MASCHINEN

Title (fr)
DISPOSITIF ET PROCÉDÉ D'ÉTALONNAGE ET DE DIAGNOSTIC POUR MACHINES ÉLECTRIQUES

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Application
EP 18743095 A 20180518

Priority
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Abstract (en)
[origin: WO2019220470A1] A calibration and diagnosis device (10) for electrical machines is described, comprising a position sensor (11) interfaced to a rotor of an electrical machine to measure the angular position of the rotor, a storage unit (14) in which is data computed during the production of the electrical machine are stored, and can be used for correcting errors between the detected rotor position and the actual angular rotor position, a microprocessor (15) adapted to store into the storage unit (14) information detected by the position sensor (11), to manage and process information stored in the storage unit (14) and/or detected by the position sensor (11) and to communicate the processed data to an inverter (20) connected to the electrical machine to drive the electrical machine using the actual value of the angular rotor position; an operating method for such device (10) is further described.

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