

Title (en)

METHOD AND DEVICE FOR DETERMINING THE TORQUE OF AN ELECTRIC MACHINE

Title (de)

VERFAHREN UND VORRICHTUNG ZUM BESTIMMEN DES DREHMOMENTS EINER ELEKTRISCHEN MASCHINE

Title (fr)

PROCEDE ET DISPOSITIF DE DETERMINATION DU COUPLE DE ROTATION D'UNE MACHINE ELECTRIQUE

Publication

EP 1985006 A2 20081029 (DE)

Application

EP 07704222 A 20070130

Priority

- EP 2007050869 W 20070130
- DE 102006005854 A 20060209

Abstract (en)

[origin: WO2007090760A2] The invention relates to a method for determining the torque (M) of an, in particular permanently excited, electric machine (1). The torque (M) can be determined in a particularly easy and precise manner by measuring a phase voltage (U_{ind}) and the speed (n or ω) of the electric machine and calculating the torque (M) based on said values.

IPC 8 full level

H02P 6/08 (2006.01)

CPC (source: EP KR US)

B60W 40/109 (2013.01 - KR US); **H02P 6/08** (2013.01 - EP KR); **Y10S 388/912** (2013.01 - KR)

Citation (search report)

See references of WO 2007090760A2

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

WO 2007090760 A2 20070816; WO 2007090760 A3 20071213; CN 101379690 A 20090304; DE 102006005854 A1 20070823; EP 1985006 A2 20081029; JP 2009526512 A 20090716; KR 101056572 B1 20110811; KR 20080108083 A 20081211; US 2009167222 A1 20090702; US 7688012 B2 20100330

DOCDB simple family (application)

EP 2007050869 W 20070130; CN 200780004849 A 20070130; DE 102006005854 A 20060209; EP 07704222 A 20070130; JP 2008553718 A 20070130; KR 20087019528 A 20070130; US 16264607 A 20070130