

Title (en)

METHOD AND ARRAY FOR DETERMINING THE ROTATIONAL SPEED OF A DIRECT CURRENT MOTOR

Title (de)

VERFAHREN UND ANORDNUNG ZUR BESTIMMUNG DER DREHZAHL EINES GLEICHSTROM-MOTORS

Title (fr)

PROCEDE ET DISPOSITIF POUR DETERMINER LA VITESSE DE ROTATION D'UN MOTEUR A COURANT CONTINU

Publication

EP 1692524 A1 20060823 (DE)

Application

EP 04803804 A 20041213

Priority

- EP 2004014173 W 20041213
- DE 10358261 A 20031211

Abstract (en)

[origin: WO2005057225A1] The invention relates to a method and an array for determining the rotational speed of a direct current motor, wherein an analogue/digital converter (5) is coupled to the supply terminal of a motor (1). Two mean value generators (61, 62), which are connect to the output of the analogue/digital converter (5), provide mean values in relation to a different quantity of scanning values. A comparator (63) determines the sign of the mean values comparison. The rotational speed of the motor (1) is determined with an arithmetic unit (64) depending on the quantity of scanning values between the sign changes.

IPC 8 full level

G01P 3/44 (2006.01); **G01P 3/48** (2006.01); **G01P 3/481** (2006.01); **G01P 3/489** (2006.01); **H02P 7/285** (2006.01)

CPC (source: EP KR)

G01P 3/44 (2013.01 - EP KR); **G01P 3/48** (2013.01 - EP KR); **H02P 7/285** (2013.01 - KR)

Citation (search report)

See references of WO 2005057225A1

Designated contracting state (EPC)

FR GB IE IT

DOCDB simple family (publication)

WO 2005057225 A1 20050623; DE 10358261 A1 20050714; DE 10358261 B4 20060406; EP 1692524 A1 20060823; JP 2007516440 A 20070621; KR 100796055 B1 20080121; KR 20060103913 A 20061004

DOCDB simple family (application)

EP 2004014173 W 20041213; DE 10358261 A 20031211; EP 04803804 A 20041213; JP 2006543512 A 20041213; KR 20067011303 A 20060609