

Title (en)

ELECTRONICALLY COMMUTATED ELECTRIC MOTOR, AND METHOD FOR CONTROLLING ONE SUCH MOTOR

Title (de)

ELEKTRONISCH KOMMUTIERTER ELEKTROMOTOR UND VERFAHREN ZUR STEUERUNG EINES SOLCHEN

Title (fr)

MOTEUR ELECTRIQUE A COMMUTATION ELECTRONIQUE ET PROCEDE DE COMMANDE DUDIT MOTEUR

Publication

EP 1711996 A1 20061018 (DE)

Application

EP 04804298 A 20041224

Priority

- EP 2004014707 W 20041224
- DE 102004006448 A 20040203

Abstract (en)

[origin: DE102005002327A1] An electronically commutated electric motor (10) has first (12) and second (14) stator coil branches. Duration of pulse pauses in control signals is constant for supplying current to the first and second stator coil branches. A control signal switches control elements (20,22) on and off when the stator coil branches are supplied with current. An independent claim is also included for a method for controlling an electronically commutated electric motor.

IPC 8 full level

H02P 6/00 (2006.01); **H02P 6/14** (2006.01); **H02P 6/16** (2006.01); **H02P 27/08** (2006.01)

CPC (source: EP)

H02P 6/14 (2013.01); **H02P 6/16** (2013.01); **H02P 6/17** (2016.02); **H02P 6/28** (2016.02); **H02P 27/08** (2013.01)

Citation (search report)

See references of WO 2005076455A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

DE 102005002327 A1 20050811; EP 1711996 A1 20061018; WO 2005076455 A1 20050818

DOCDB simple family (application)

DE 102005002327 A 20050117; EP 04804298 A 20041224; EP 2004014707 W 20041224