

Title (en)

ELECTRIC MOTOR AND COIL ELEMENT FOR SAID MOTOR

Title (de)

ELEKTROMOTOR, SPULENELEMENT FÜR EINEN SOLCHEN MOTOR UND VERFAHREN ZUM HERSTELLEN EINES SPULENELEMENTS

Title (fr)

MOTEUR ÉLECTRIQUE ET ÉLÉMENT DE BOBINE POUR UN TEL MOTEUR

Publication

**EP 2115856 A2 20091111 (DE)**

Application

**EP 08707367 A 20080129**

Priority

- EP 2008000665 W 20080129
- DE 102007004359 A 20070129

Abstract (en)

[origin: DE102007004359A1] The device has coil elements are arranged partially in a star-connection with a U-winding, a V-winding, a W-winding and has a neutral point. The U-winding, the V-winding, the W-winding and neutral point are connected to a computer unit. The computer unit controls the direct current (DC) motor by supplying two coil elements which are arranged in a star circuit in a fixed time range. The voltage change-signals are measured in the coil elements, which is generated depending on position in the magnetic elements. The detected signals are analyzed and the rotor position of DC-motor is calculated.

IPC 8 full level

**H02K 3/04** (2006.01); **H02K 3/47** (2006.01)

CPC (source: EP)

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