

Title (en)

BRUSHLESS DIRECT CURRENT MOTOR (BLDC MOTOR)

Title (de)

B RSTENLOSER GLEICHSTROMMOTOR (BLDC-MOTOR)

Title (fr)

MOTEUR A COURANT CONTINU SANS BALAIS

Publication

**EP 1614208 A1 20060111 (DE)**

Application

**EP 04716219 A 20040302**

Priority

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- DE 10315871 A 20030408

Abstract (en)

[origin: WO2004091072A1] The invention relates to an electronically commutated brushless direct current motor which comprises at least one cover for axially closing a motor housing. The aim of the invention is to provide a BLDC motor that can be safely operated at elevated operating temperatures. For this purpose, the cover is configured as a high-temperature synthetic plug-in module (1) and the current paths are configured as an extrusion-coated high-temperature pressed screen.

IPC 1-7

**H02K 5/22**; **H02K 29/08**

IPC 8 full level

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