

Title (en)
BRUSHLESS DC DRIVE

Title (de)
BÜRSTENLOSER GLEICHSTROMANTRIEB

Title (fr)
ENTRAÎNEMENT A COURANT CONTINU SANS BALAIS

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Application
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Abstract (en)
[origin: WO02095903A1] The invention relates to a brushless DC drive, comprising a synchronous motor (10), with a stator (12) supporting a multi-phase stator winding (15), a rotor (13), fitted with permanent magnet poles (20) and a switching device (11), fitted in series before the stator winding (15) for commutating the stator winding (15), whereby, in order to force a fail-silent operation, a field-generation winding (21) is arranged on the rotor (13), which, on an error occurring, current may flow through such as to generate a magnetic field opposed to the magnetic field of the permanent magnet poles (20).

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