

Title (en)  
BRUSHLESS ELECTRICAL MASCHINE

Title (de)  
BÜRSTENLOSE ELEKTRISCHE MASCHINE

Title (fr)  
MOTEUR ÉLECTRIQUE SANS BALAIS

Publication  
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Application  
**EP 17808372 A 20171116**

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Abstract (en)  
[origin: WO2018121912A1] The invention relates to a brushless electrical machine (1), in particular a brushless direct current motor, comprising a housing (2), at least one rotor (5) which is mounted on a shaft (3) that is rotatably mounted in the housing (2), and a stator (6) fixed to the housing, wherein a rotor position-detecting device (7) operating in a contactless manner is associated with the rotor (5). According to the invention, the rotor position-detecting device (7) has a multipole magnet ring (8) rotationally fixed on the shaft (3) and at least one sensor (17) which is sensitive to magnetic fields and which is radially associated with the outer periphery of the magnet ring (8).

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