Title (en)

ROTOR FOR A BRUSHLESS DIRECT-CURRENT MOTOR, PARTICULARLY FOR AN ELECTRIC MOTOR OF THE INNER ROTOR TYPE, AND ELECTRIC MOTOR COMPRISING SUCH A ROTOR

Title (de)

ROTOR FÜR EINEN BÜRSTENLOSEN GLEICHSTROMMOTOR, INSBESONDERE FÜR EINEN INNENLÄUFER-ELEKTROMOTOR, UND ELEKTROMOTOR MIT EINEM SOLCHEN ROTOR

Title (fr)

ROTOR D'UN MOTEUR À COURANT CONTINU SANS BALAIS, EN PARTICULIER D'UN MOTEUR ÉLECTRIQUE À ROTOR INTERNE, ET MOTEUR ÉLECTRIQUE DOTÉ D'UN TEL ROTOR

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Abstract (en)

[origin: WO2018184769A1] The invention relates to a rotor for a brushless direct-current motor comprising a shaft, a rotor core arranged on the shaft, the rotor core acting as a return body, and a ring magnet which surrounds the rotor core and is attached to same. The ring magnet is in the form of a circular disk, a radial direction and a peripheral direction being defined by the circular disk. Furthermore, a hole count q is defined by the equation q=N/(2pm), N being the number of grooves in the rotor, p being the number of pole pairs of the rotor, and m being the number of phases. According to the invention, the winding of the rotor is connected in a delta connection.

IPC 8 full level

H02K 1/27 (2006.01); **H02K 29/00** (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2018184769A1

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