

Title (en)

ROTOR FOR AN LSPM ELECTRIC MOTOR

Title (de)

ROTOR FÜR EINEN LSPM ELEKTROMOTOR

Title (fr)

ROTOR CONÇU POUR UN MOTEUR ÉLECTRIQUE LSPM

Publication

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Application

EP 17781078 A 20171004

Priority

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- EP 2017075259 W 20171004

Abstract (en)

[origin: CN206498267U] The utility model relates to a be used for inner rotor synchronous motor's rotor (1), wherein rotor (1) has laminated core (2), and it comprises one pile mutually independent iron sheet (20), wherein is in introduce a plurality of permanent magnets (3) in laminated core (2) and with (4) the double teeming of metal rotor foundry goods and/or partly cast laminated core (2), its characterized in that, does the laminated core account for 40 of gross mass 100% 70 quality %, do permanent magnet (3) account for 10 of gross mass 100% 50 quality %, do rotor foundry goods (4) account for 8 of gross mass 100% 25 quality %, the gross mass by laminated core (2) permanent magnet (3) and rotor foundry goods (4) constitute. Consequently the utility model discloses can avoid the demagnetization problem of permanent magnet as far as possible.

IPC 8 full level

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CPC (source: EP)

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