

Title (en)
ROTOR DEVICE FOR AN ELECTRIC MOTOR AND/OR GENERATOR, ROTOR AND MOTOR WITH SUCH A ROTOR DEVICE AND METHOD FOR PRODUCTION

Title (de)
ROTORVORRICHTUNG FÜR EINEN ELEKTROMOTOR UND/ODER GENERATOR, ROTOR UND MOTOR MIT EINER SOLCHEN ROTORVORRICHTUNG SOWIE HERSTELLUNGSVERFAHREN

Title (fr)
DISPOSITIF DE ROTOR POUR UN MOTEUR ÉLECTRIQUE ET/OU GENERATEUR, ROTOR ET MOTOR AVEC TEL DISPOSITIF DE ROTOR ET PROCÉDÉ DE PRODUCTION

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Application
EP 16801951 A 20161109

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Abstract (en)
[origin: WO2017092741A1] The invention relates to a rotor device (1) for an electric motor and/or generator, comprising a rotor body (2) and a plurality of magnets (3). The rotor body (2) has a rotor shaft receiving area (4) and a plurality of magnet receiving areas (5) arranged coaxially to the rotor shaft receiving area (4), and the magnets (3) are secured and positioned rigidly in the magnet receiving areas (5) by means of a plastic compound (6) injected into the magnet receiving areas (5), said plastic compound forming at least one cover element (7) which at least partly covers the openings (8) of the magnet receiving areas (5). The invention is characterized in that the cover element (7) has at least one pole wheel centering means and/or at least one pole wheel aligning means. The invention further relates to a rotor, to a motor comprising such a rotor device, and to a production method.

IPC 8 full level
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Citation (search report)
See references of WO 2017092741A1

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