

Title (en)
ELECTRIC MOTOR

Title (de)
ELEKTROMOTOR

Title (fr)
MOTEUR ÉLECTRIQUE

Publication
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Application
EP 13716244 A 20130403

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Abstract (en)
[origin: WO2013150048A2] The present invention relates to an electric motor (3) having a rotor (7) and a stator (8), which are arranged concentrically in relation to an axis of rotation (11) and can be adjusted rotationally about the axis of rotation (11) in relation to one another, wherein the electric motor (3) is designed as an external rotor motor in which the rotor forms an external rotor (7) and the stator forms an internal stator (8), or is designed as an internal rotor motor in which the stator forms an external stator (8) and the rotor forms an internal rotor (7), wherein the rotor (7) has at least two permanent magnets (12), and wherein the stator (8) has at least two pole arms (16, 17) and at least one electric coil (18). Start-up is simplified if the rotor (7) has a symmetrical design in the circumferential direction (13) and if the stator (8) has an asymmetrical design in the circumferential direction (13).

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