

Title (en)
ELECTRIC MOTOR

Title (de)
ELEKTRISCHE MASCHINE

Title (fr)
MOTEUR ELECTRIQUE

Publication
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Application
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Abstract (en)
[origin: WO2013127436A1] The invention relates to an electric motor (10) comprising a rotor (12) which has a plurality of permanent magnets (16) arranged along a circumferential direction (22), a stator arrangement with a winding arrangement which surrounds, at least in parts, the permanent magnets (16). Said stator arrangement comprises a first stator (14) having a plurality of windings and the stator arrangement comprises a second stator (18), the windings of the first and second stators (14, 18) being embodied, respectively as frame-shaped coils (20, 28), said coils (20) of the first stator (14) being arranged in the radial direction (24) on the outside of the permanent magnets (16), the coils (28) of the second stator (18) being arranged in the radial direction (24) inside the permanent magnets (16), and the coils (20, 28) are arranged along the winding axis thereof (26) in the radial direction (24) and the permanent magnets (16) are arranged along the magnetization direction thereof (40) in the radial direction (24).

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See references of WO 2013127436A1

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