

Title (en)
ROTATING ELECTRIC MACHINE

Title (de)
ROTIERENDE ELEKTRISCHE MASCHINE

Title (fr)
MACHINE ÉLECTRIQUE ROTATIVE

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Application
EP 11719517 A 20110509

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Abstract (en)
[origin: WO2011141412A2] The invention relates to a rotating electric machine, in particular a double-fed asynchronous machine with a power range of 20 MVA - 500 MVA. Said machine comprises a rotor, which can be rotated about a shaft and is concentrically surrounded by a stator, and a rotor sheet body that has a layered sheet stack consisting of a plurality of sheet metal segments (27) in the form of ring segments. Said segments are braced by bolts that run in an axial direction through the rotor sheet body. In order to improve a machine of this type, means (29, 30) are provided for the positive connection of neighbouring sheet metal segments (27), said means allowing tangential forces to be transmitted between neighbouring sheet metal segments (27) that lie on one plane.

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