

Title (en)
STATOR FOR AN ELECTRICAL MACHINE

Title (de)
STÄNDER FÜR EINE ELEKTRISCHE MASCHINE

Title (fr)
STATOR POUR UNE MACHINE ELECTRIQUE

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Abstract (en)
[origin: WO2004032307A1] The invention relates to a stator for an electrical machine, said stator comprising a winding (45) which is held by an annular stator core (10). Said stator core (10) comprises grooves (14) and teeth (13) on its radially inwardly oriented circumference, and consists of layered stator sheet metal lamellae (11), the direction of the layers defining an axial direction (a). According to the invention, at least one first stator sheet metal lamella (20) has a higher flexural strength than second stator sheet metal lamellae (21), the at least one first stator sheet metal lamella (20) having a thickness (dLE) in the axial direction (a) which does not exceed 4 mm.

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