

Title (en)
STATOR HAVING AN INSULATED BAR WINDING FOR AN ELECTRIC MACHINE

Title (de)
STATOR MIT ISOLIERTER STABWICKLUNG FÜR EINE ELEKTRISCHE MASCHINE

Title (fr)
STATOR À ENROULEMENT À BARRES ISOLÉ POUR MACHINE ÉLECTRIQUE

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Abstract (en)
[origin: WO2017036687A1] The invention relates to a stator (1) for an electric machine (34), comprising a laminated core (2), which has grooves (4), which extend in the axial direction (3) of the stator (1), and comprising electrically conductive bars (21), which are electrical windings of the stator (1), at least one of said bars being arranged in each groove (4), wherein each bar (21) is electrically insulated from the laminated core by means of a respective electrical insulating element (22). The production of the stator (1) should be efficient. According to the invention, each electrical insulating element (22) is designed as a tube element (23), which is formed of a thermoplastic plastic and surrounds the bar (21).

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