

Title (en)
METHOD FOR PRODUCING A STACK OF MAGNETIC SHEETS FOR A ROTOR AND/OR STATOR OF AN ELECTRIC MACHINE, AND METHOD FOR PRODUCING AN ELECTRIC MACHINE, AND METHOD FOR PRODUCING AN INSTALLATION AND A VEHICLE

Title (de)
VERFAHREN ZUR FERTIGUNG EINES STAPELS VON MAGNETBLECHEN FÜR EINEN ROTOR UND/ODER STATOR EINER ELEKTRISCHEN MASCHINE SOWIE VERFAHREN ZUR FERTIGUNG EINER ELEKTRISCHEN MASCHINE UND VERFAHREN ZUR FERTIGUNG EINER ANLAGE UND EINES FAHRZEUGS

Title (fr)
PROCÉDÉ DE CRÉATION D'UNE PILE DE FEUILLES MAGNÉTIQUES POUR UN ROTOR ET/OU UN STATOR D'UNE MACHINE ÉLECTRIQUE, PROCÉDÉ DE FABRICATION D'UNE MACHINE ÉLECTRIQUE, PROCÉDÉ DE FABRICATION D'UNE INSTALLATION ET VÉHICULE

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Application
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Abstract (en)
[origin: WO2022144227A1] The method for producing a stack of magnetic sheets for a rotor and/or stator of an electric machine - uses a plurality of magnetic sheets, - detects in each case at least one physical property of each magnetic sheet of the plurality, - determines a setpoint value for a physical variable of the stack of magnetic sheets - and ascertains such a stacking sequence of magnetic sheets of the plurality that reduces a deviation of an actual value of the physical variable of the stack with the ascertained stacking sequence from the at least one setpoint value as compared with stacks with other stacking sequences of magnetic sheets of the plurality and - stacks the stack with the ascertained stacking sequence. The method for producing an electric machine forms a rotor and/or stator with a stack of magnetic sheets, wherein the stack of magnetic sheets is produced by such a method for producing a stack of magnetic sheets. The method for producing an installation and/or a vehicle first produces an electric machine by a method for producing an electric machine as described above and then provides the installation or the vehicle with the electric machine.

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CPC (source: EP US)
H02K 1/06 (2013.01 - EP); **H02K 15/02** (2013.01 - EP US); **B33Y 80/00** (2014.12 - US); **H02K 2215/00** (2021.08 - US)

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