

Title (en)

METHOD FOR ASSEMBLING A STATOR BODY FOR AN AXIAL FLUX ELECTRIC MACHINE

Title (de)

VERFAHREN ZUR MONTAGE EINES STATORKÖRPERS FÜR EINE ELEKTRISCHE AXIALFLUSSMASCHINE

Title (fr)

PROCÉDÉ D'ASSEMBLAGE D'UN CORPS DE STATOR POUR MACHINE ÉLECTRIQUE À FLUX AXIAL

Publication

**EP 4388647 A1 20240626 (FR)**

Application

**EP 22762016 A 20220805**

Priority

- FR 2108767 A 20210819
- EP 2022072091 W 20220805

Abstract (en)

[origin: WO2023020863A1] The invention relates to a method for assembling a stator body for an axial flux electric machine, the stator body comprising a disc-shaped plate centred on a longitudinal axis and teeth distributed on an upper face of the plate about the longitudinal axis, the plate having at least one slot and at least one of the teeth having a projecting relief, said method comprising a step (e3) of inserting the relief into the slot. According to the invention, the method comprises a step (e4) of mechanically deforming the relief so as to immobilize the relief in the slot.

IPC 8 full level

**H02K 15/02** (2006.01); **H02K 1/14** (2006.01); **H02K 1/18** (2006.01); **H02K 21/24** (2006.01)

CPC (source: EP)

**H02K 1/148** (2013.01); **H02K 1/182** (2013.01); **H02K 15/022** (2013.01); **H02K 21/24** (2013.01)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

**FR 3126192 A1 20230224**; **FR 3126192 B1 20240510**; CN 118104111 A 20240528; EP 4388647 A1 20240626; WO 2023020863 A1 20230223

DOCDB simple family (application)

**FR 2108767 A 20210819**; CN 202280068803 A 20220805; EP 2022072091 W 20220805; EP 22762016 A 20220805