

Title (en)
METHOD FOR PRODUCING A STATOR AND STATOR

Title (de)
VERFAHREN ZUR HERSTELLUNG EINES STATORS UND STATOR

Title (fr)
PROCÉDÉ POUR FABRIQUER UN STATOR AINSI QUE STATOR

Publication
EP 4275265 A1 20231115 (DE)

Application
EP 22757235 A 20220722

Priority
• DE 102021119414 A 20210727
• EP 2022070637 W 20220722

Abstract (en)
[origin: WO2023006612A1] The invention relates to a method for producing a stator comprising a winding, preferably a hairpin winding, for an electric machine, in particular an electric motor or generator, comprising the steps: - introducing, in particular inserting, winding base bodies (13) into stator grooves and - additively applying at least a section of at least one winding head (11, 12), in particular by applying a build-up material in layers and locally selectively solidifying the build-up material by irradiation with at least one beam impinging on the build-up material and stator.

IPC 8 full level
H02K 15/00 (2006.01); **B33Y 10/00** (2015.01)

CPC (source: EP)
B22F 10/20 (2021.01); **B33Y 10/00** (2014.12); **B33Y 80/00** (2014.12); **H02K 15/0037** (2013.01); **H02K 15/0081** (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)
DE 102021119414 A1 20230202; DE 102023102021 A1 20240125; DE 202022002894 U1 20231223; DE 202022002895 U1 20231223; EP 4249251 A2 20230927; EP 4249251 A3 20240214; EP 4249252 A2 20230927; EP 4249252 A3 20240221; EP 4249253 A2 20230927; EP 4249253 A3 20240221; EP 4253050 A2 20231004; EP 4253050 A3 20240207; EP 4253051 A2 20231004; EP 4253051 A3 20240306; EP 4275265 A1 20231115; WO 2023006612 A1 20230202

DOCDB simple family (application)
DE 102021119414 A 20210727; DE 102023102021 A 20230127; DE 202022002894 U 20220722; DE 202022002895 U 20220722; EP 2022070637 W 20220722; EP 22757235 A 20220722; EP 23187634 A 20220722; EP 23187735 A 20220722; EP 23187779 A 20220722; EP 23187808 A 20220722; EP 23187853 A 20220722