

Title (en)

ROTOR POLE FOR A GENERATOR OF A WIND ENERGY PLANT AND WIND ENERGY PLANT GENERATOR AND METHOD FOR PRODUCING A ROTOR POLE

Title (de)

LÄUFERPOL FÜR EINEN GENERATOR EINER WINDENERGIEANLAGE SOWIE WINDENERGIEANLAGEN-GENERATOR UND VERFAHREN ZUM HERSTELLEN EINES LÄUFERPOLS

Title (fr)

PÔLE DE ROTOR POUR UN GÉNÉRATEUR D'UNE ÉOLIENNE ET ÉOLIENNE, AINSI QUE GÉNÉRATEUR D'ÉOLIENNE ET PROCÉDÉ DE FABRICATION D'UN PÔLE DE ROTOR

Publication

EP 3455923 A1 20190320 (DE)

Application

EP 17723040 A 20170502

Priority

- DE 102016108710 A 20160511
- EP 2017060353 W 20170502

Abstract (en)

[origin: WO2017194345A1] The invention relates to a rotor pole for a generator (130) of a wind energy plant (100). The rotor pole comprises a pole body (10), said pole body (10) preferably being laminated. The pole body (10) has a pole core (14) and a pole shoe (12) and at least one aluminium winding, in particular made from a flat aluminium strip, which is arranged around the pole core (14). The pole body (10) also has an intermediate layer (18) which is arranged between the pole body (10) and the aluminium winding, the intermediate layer (18) being produced with aluminium or consisting of aluminium. The invention further relates to a wind energy plant generator and to a method for producing a rotor pole.

IPC 8 full level

H02K 3/30 (2006.01); **H02K 3/34** (2006.01); **H02K 3/48** (2006.01); **H02K 3/52** (2006.01)

CPC (source: EP KR US)

F03D 9/255 (2017.01 - KR US); **H02K 1/24** (2013.01 - EP KR US); **H02K 3/527** (2013.01 - EP KR US); **H02K 7/1838** (2013.01 - EP KR US); **H02K 9/22** (2013.01 - KR); **H02K 9/223** (2021.01 - EP KR US); **H02K 2213/03** (2013.01 - KR); **Y02E 10/72** (2013.01 - EP KR US)

Citation (search report)

See references of WO 2017194345A1

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

DOCDB simple family (publication)

WO 2017194345 A1 20171116; BR 112018072994 A2 20190306; CA 3023153 A1 20171116; CN 109155560 A 20190104; DE 102016108710 A1 20171116; EP 3455923 A1 20190320; JP 2019515634 A 20190606; KR 102140102 B1 20200731; KR 20190005201 A 20190115; RU 2018143585 A 20200611; RU 2018143585 A3 20200611; US 2019162168 A1 20190530

DOCDB simple family (application)

EP 2017060353 W 20170502; BR 112018072994 A 20170502; CA 3023153 A 20170502; CN 201780029272 A 20170502; DE 102016108710 A 20160511; EP 17723040 A 20170502; JP 2018559194 A 20170502; KR 20187035259 A 20170502; RU 2018143585 A 20170502; US 201716300516 A 20170502