

Title (en)

WIND POWER INSTALLATION GENERATOR AND SLOT SEALING WEDGE FOR SAID GENERATOR AND WIND POWER INSTALLATION COMPRISING SAID GENERATOR

Title (de)

WINDENERGIEANLAGENGENERATOR SOWIE NUTENVERSCHLUSSKEIL DAFÜR UND WINDENERGIEANLAGE DAMIT

Title (fr)

GÉNÉRATEUR POUR ÉOLIENNES ET CALE D'ENCOCHE APPROPRIÉE ET ÉOLIENNE AINSI ÉQUIPÉE

Publication

EP 3669443 A1 20200624 (DE)

Application

EP 18756187 A 20180813

Priority

- DE 102017118792 A 20170817
- EP 2018071905 W 20180813

Abstract (en)

[origin: WO2019034598A1] The invention relates to a wind power installation generator (130) having a rotation axis (152), a generator stator (132) and a generator rotor (134). The generator stator (132) and/or the generator rotor (134) have/has teeth (30) between which slots (32) for receiving windings (38, 46) are arranged, so that each tooth (30) is arranged between two slots (32) and a plurality of or all of the teeth (30) each have at least one recess (36) in relation to each of the two slots (32). In this case, the recesses (36) in relation to different slots (32) of a tooth (30) are at different distances from the rotation axis (152) of the wind power installation generator (130). The invention further relates to a slot sealing wedge (48) for a wind power installation generator (130), to a method for securing windings (38, 46) in slots (32) of a wind power installation generator (130) and to a wind power installation (100).

IPC 8 full level

H02K 3/487 (2006.01); **H02K 3/493** (2006.01); **H02K 7/18** (2006.01)

CPC (source: EP)

H02K 1/165 (2013.01); **H02K 1/24** (2013.01); **H02K 3/487** (2013.01); **H02K 3/493** (2013.01); **H02K 7/1838** (2013.01); **Y02E 10/72** (2013.01)

Citation (search report)

See references of WO 2019034598A1

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 2019034598 A1 20190221; DE 102017118792 A1 20190221; EP 3669443 A1 20200624

DOCDB simple family (application)

EP 2018071905 W 20180813; DE 102017118792 A 20170817; EP 18756187 A 20180813