

Title (en)

CONTROL OF A WIND PARK TO OPTIMISE POWER PRODUCTION DURING REDUCED NOISE OPERATION

Title (de)

STEUERUNG EINES WINDPARKS ZUR OPTIMIERUNG DER LEISTUNGSPRODUKTION BEI BETRIEB MIT REDUZIERTEM GERÄUSCH

Title (fr)

CONTRÔLE D'UN PARC ÉOLIEN POUR OPTIMISER LA PRODUCTION D'ÉNERGIE EN RÉGIME DE BRUIT RÉDUIT

Publication

EP 3317527 A1 20180509 (EN)

Application

EP 16735814 A 20160622

Priority

- ES 201530940 A 20150630
- DK 2016050213 W 20160622

Abstract (en)

[origin: WO2017000956A1] A method of operating a wind power plant comprising a plurality of wind turbines, the method comprising: identifying operation of the wind power plant in a reduced noise regime; determining that at least one of the wind turbines in the wind power plant is non-operational; and increasing the power output of one or more wind turbines in response to the determination. The invention also resides in a wind power plant control system, wherein a controller is configured to: identify when the power plant is in a reduced noise regime; determine that at least one of the wind turbines in the wind power plant is non-operational, and increase the power output of one or more of the wind turbines based on the results of the determination.

IPC 8 full level

F03D 7/04 (2006.01); **F03D 7/02** (2006.01)

CPC (source: EP)

F03D 7/0296 (2013.01); **F03D 7/048** (2013.01); **F05B 2270/20** (2013.01); **F05B 2270/333** (2013.01); **Y02E 10/72** (2013.01)

Citation (search report)

See references of WO 2017000956A1

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 2017000956 A1 20170105; EP 3317527 A1 20180509

DOCDB simple family (application)

DK 2016050213 W 20160622; EP 16735814 A 20160622