

Title (en)
METHOD FOR CONTROLLING A WIND TURBINE

Title (de)
VERFAHREN ZUM STEUERN EINER WINDENERGIEANLAGE

Title (fr)
PROCÉDÉ DE COMMANDE D'UNE ÉOLIENNE

Publication
EP 3545601 A1 20191002 (DE)

Application
EP 17822144 A 20171123

Priority
• DE 102016122581 A 20161123
• EP 2017080182 W 20171123

Abstract (en)
[origin: CA3040603A1] A method of controlling an electrical generator such as a wind turbine connected to an electrical supply grid. The generator feeds in power to the electrical supply grid at a first working point. In response to a disruption in the electrical supply grid, the generator interrupts or changes the mode of feeding in power to the grid. The generator then resumes feeding in power, the generator output being ramped at a ramp slope to a second working point. If a disruption recurs within a predetermined counting time interval, feeding in power or resuming feeding in power is suppressed for a shut off period. A smaller ramp slope is chosen for at least one recurrent resumption of the feeding within the predetermined counting time interval if the resumption of regular feeding has not yet been suppressed.

IPC 8 full level
H02J 3/38 (2006.01)

CPC (source: EP KR RU US)
F03D 7/0284 (2013.01 - KR); **F03D 7/04** (2013.01 - RU); **F03D 9/257** (2017.01 - KR US); **H02J 3/24** (2013.01 - KR RU); **H02J 3/381** (2013.01 - EP KR US); **H02J 3/48** (2013.01 - EP US); **H02J 3/50** (2013.01 - EP US); **H02P 9/006** (2013.01 - KR US); **H02P 9/105** (2013.01 - US); **H02J 2300/28** (2020.01 - EP KR US); **H02P 2101/15** (2015.01 - US); **Y02E 10/72** (2013.01 - KR); **Y02E 10/76** (2013.01 - KR); **Y04S 10/123** (2013.01 - KR)

Citation (search report)
See references of WO 2018096028A1

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)
DE 102016122581 A1 20180524; BR 112019008572 A2 20190709; CA 3040603 A1 20180531; CA 3040603 C 20221004; CN 110036548 A 20190719; EP 3545601 A1 20191002; JP 2020500500 A 20200109; KR 20190085076 A 20190717; RU 2713474 C1 20200205; US 11251730 B2 20220215; US 2020083829 A1 20200312; WO 2018096028 A1 20180531

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DE 102016122581 A 20161123; BR 112019008572 A 20171123; CA 3040603 A 20171123; CN 201780072552 A 20171123; EP 17822144 A 20171123; EP 2017080182 W 20171123; JP 2019547783 A 20171123; KR 20197017518 A 20171123; RU 2019119404 A 20171123; US 201716462880 A 20171123