

Title (en)

WIND TURBINE AND METHOD FOR OPERATING A WIND TURBINE

Title (de)

WINDENERGIEANLAGE UND VERFAHREN ZUM BETREIBEN EINER WINDENERGIEANLAGE

Title (fr)

ÉOLIENNE ET PROCÉDÉ DE FONCTIONNEMENT D'UNE ÉOLIENNE

Publication

EP 2984336 A1 20160217 (DE)

Application

EP 14718356 A 20140404

Priority

- DE 102013206119 A 20130408
- EP 2014056783 W 20140404

Abstract (en)

[origin: CA2903995A1] Disclosed is a wind turbine comprising a rotor (106) with at least two rotor blades (108), an electric generator, which is directly or indirectly coupled to the rotor (106) of the wind turbine and generates electric power when the rotor (106) rotates, and a control unit (120) for controlling operation of the wind turbine. The control unit (120) activates a first error operation mode, if parameters of a supply network rise above or fall below a limit value. In the first error operation mode, the control unit (120) is designed to reduce the speed of the rotor (106) to zero and to activate a consumer (400) in order that the consumer (400) consume the electric power generated by the electric generator in the error operation mode.

IPC 8 full level

F03D 7/02 (2006.01)

CPC (source: EP RU US)

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Citation (search report)

See references of WO 2014166824A1

Citation (examination)

US 2007100506 A1 20070503 - TEICHMANN RALPH [US]

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 102013206119 A1 20141009; AR 095792 A1 20151111; AU 2014253352 A1 20150917; AU 2014253352 B2 20160811; BR 112015025110 A2 20170718; CA 2903995 A1 20141016; CL 2015002965 A1 20160708; CN 105074203 A 20151118; EP 2984336 A1 20160217; JP 2016515675 A 20160530; JP 6138341 B2 20170531; KR 101767808 B1 20170811; KR 20150139949 A 20151214; MX 2015013828 A 20160301; NZ 711625 A 20160930; RU 2015145979 A 20170515; RU 2635000 C2 20171108; TW 201508170 A 20150301; US 2016032891 A1 20160204; WO 2014166824 A1 20141016; ZA 201506324 B 20170125

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DE 102013206119 A 20130408; AR P140101507 A 20140408; AU 2014253352 A 20140404; BR 112015025110 A 20140404; CA 2903995 A 20140404; CL 2015002965 A 20151005; CN 201480019317 A 20140404; EP 14718356 A 20140404; EP 2014056783 W 20140404; JP 2016505836 A 20140404; KR 20157031926 A 20140404; MX 2015013828 A 20140404; NZ 71162514 A 20140404; RU 2015145979 A 20140404; TW 103112872 A 20140408; US 201514842413 A 20150901; ZA 201506324 A 20150828