

Title (en)  
METHOD OF OPERATING WIND TURBINE AND CONTROLLER THEREOF

Title (de)  
VERFAHREN ZUM BETREIBEN EINER WINDTURBINE UND STEUERUNG DAFÜR

Title (fr)  
PROCÉDÉ DE FONCTIONNEMENT D'UNE ÉOLIENNE ET DISPOSITIF DE COMMANDE ASSOCIÉ

Publication  
**EP 2776711 A4 20150805 (EN)**

Application  
**EP 11869709 A 20110721**

Priority  
CN 2011077432 W 20110721

Abstract (en)  
[origin: WO2013010332A1] A method of operating a wind turbine (100) is provided. The wind turbine (100) comprises a rotor (130) having a plurality of blades (140), wherein the pitch of each blade (140) is variable. The method comprises decreasing the power output of the wind turbine (100) by a predefined amount by increasing the rotational speed of the rotor (130) to a predetermined rotor speed, determining if the predetermined rotor speed exceeds a maximum rotor speed, and if the predetermined rotor speed exceeds the maximum rotor speed, limiting the rotational speed of the rotor (130) to the maximum rotor speed and decreasing the power output of the wind turbine (100) by varying the pitch of at least one of the plurality of blades (140).

IPC 8 full level  
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Citation (search report)  
• [X] US 2010133821 A1 20100603 - SCHOLTE-WASSINK HARTMUT [DE]  
• [X] US 2011031748 A1 20110210 - ARINAGA SHINJI [JP], et al  
• [XI] RAMTHARAN G ET AL: "Frequency support from doubly fed induction generator wind turbines", 20070312, vol. 1, no. 1, 12 March 2007 (2007-03-12), pages 3 - 9, XP006028297  
• See references of WO 2013010332A1

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