

Title (en)  
ROTOR BLADE PITCH ADJUSTMENT DEVICE

Title (de)  
ROTORBLATTVERSTELLEINRICHTUNG

Title (fr)  
DISPOSITIF DE RÉGLAGE DE PALES DE ROTOR

Publication  
**EP 2567089 A2 20130313 (DE)**

Application  
**EP 11735969 A 20110408**

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Abstract (en)  
[origin: WO2011137885A2] A rotor blade pitch adjustment device for a wind power installation is disclosed, having a motor/pump unit whose rotation speed and direction are variable and which is connected for fluid-flow purposes to a hydraulic actuator via a hydraulic open-loop/closed-loop control system. The actuator is mechanically coupled to at least one rotor blade of the wind power installation in order to rotate the rotor blade about its longitudinal axis. According to the invention, an electrical control circuit, which comprises an emergency power supply device, is provided for operation of the motor.

IPC 8 full level  
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CPC (source: EP KR US)  
**F01D 7/00** (2013.01 - KR US); **F03D 7/0224** (2013.01 - EP KR US); **F03D 7/0264** (2013.01 - EP KR US); **F05B 2260/406** (2013.01 - EP KR US); **F05B 2260/76** (2013.01 - EP KR US); **F05B 2260/79** (2013.01 - EP KR US); **F05B 2270/107** (2013.01 - EP KR US); **F05B 2270/328** (2013.01 - KR); **F05B 2270/604** (2013.01 - EP KR US); **Y02E 10/72** (2013.01 - EP KR US)

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See references of WO 2011137885A2

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