

Title (en)  
DEVICE FOR ARRESTING A LIGHTNING IN A WIND POWER PLANT

Title (de)  
VORRICHTUNG ZUM ABLEITEN EINES BLITZES BEI EINER WINDENERGIEANLAGE

Title (fr)  
DISPOSITIF POUR PROTÉGER UNE ÉOLIENNE CONTRE LA Foudre

Publication  
**EP 2220368 A2 20100825 (DE)**

Application  
**EP 08845664 A 20081103**

Priority  
• DE 2008001781 W 20081103  
• DE 102007052525 A 20071101

Abstract (en)  
[origin: WO2009056121A2] The invention relates to a device for arresting a lightning in a wind power plant comprising at least one rotor blade that is coupled to a hub, a slow shaft that is coupled to the hub in a substantially rotationally fixed manner, a bearing that rotatably mounts the shaft relative to a main frame which accommodates at least one means for converting mechanical power, and a tower that is connected in a conducting manner to the ground. The rotor blade has means for introducing the lightning and means for conducting the lightning. The means for conducting the lightning are in conducting contact with a conducting transmission unit which is connected in a conducting manner to the tower and is designed as a sliding contact that is fitted with a slipring and a brush.

IPC 8 full level  
**F03D 11/00** (2006.01)

CPC (source: EP)  
**F03D 80/30** (2016.05); **H01R 39/64** (2013.01); **Y02E 10/72** (2013.01)

Citation (search report)  
See references of WO 2009056121A2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**DE 102007052525 A1 20090507**; **DE 102007052525 B4 20090827**; DE 112008002881 A5 20100729; EP 2220368 A2 20100825; WO 2009056121 A2 20090507; WO 2009056121 A3 20100422

DOCDB simple family (application)  
**DE 102007052525 A 20071101**; DE 112008002881 T 20081103; DE 2008001781 W 20081103; EP 08845664 A 20081103