

Title (en)
DIFFERENTIAL GEAR ON A WIND POWER PLANT AND METHOD FOR CHANGING OR SWITCHING THE POWER RANGE OF SAID DIFFERENTIAL GEAR

Title (de)
AUSGLEICHSGETRIEBE EINER WINDKRAFTANLAGE UND VERFAHREN ZUM ÄNDERN ODER UMSCHALTEN DES LEISTUNGSBEREICHES DIESER AUSGLEICHSGETRIEBES

Title (fr)
ENGRENAGE DIFFÉRENTIEL D'UNE ÉOLIENNE ET PROCÉDÉ DE MODIFICATION OU DE CHANGEMENT DE GAMME DE PUISSANCE DE CET ENGRENAGE DIFFÉRENTIEL

Publication
EP 2100036 A2 20090916 (DE)

Application
EP 07815165 A 20071105

Priority
• AT 2007000498 W 20071105
• AT 19292006 A 20061121

Abstract (en)
[origin: WO2008061263A2] A differential gear for a wind power plant, comprises a gearbox (7) with three inputs and outputs, wherein one input is connected to the rotor (3) of the wind power plant, the first output is connected to a generator (11) and the second output is connected to the input shaft of a continuously variable gearbox (12), the output shaft of which is connected to the generator side output of the gearbox (7). The input shaft of the continuously variable gearbox (12) is connected to the output shaft of the gearbox (7) by means of a variable gearbox (15).

IPC 8 full level
F03D 7/02 (2006.01); **F03D 11/02** (2006.01); **F16H 37/08** (2006.01); **F16H 47/04** (2006.01)

CPC (source: EP KR US)
F03D 7/02 (2013.01 - EP US); **F03D 7/04** (2013.01 - KR); **F03D 9/255** (2017.01 - EP US); **F03D 15/00** (2016.05 - EP US); **F03D 15/10** (2016.05 - EP US); **F16H 47/04** (2013.01 - EP KR US); **F16H 47/08** (2013.01 - KR); **F05B 2220/706** (2013.01 - EP US); **F05B 2260/40311** (2013.01 - EP US); **F05B 2260/406** (2013.01 - EP US); **F05B 2270/101** (2013.01 - EP US); **F05B 2270/1016** (2013.01 - EP US); **F16H 2037/0866** (2013.01 - EP US); **Y02E 10/72** (2013.01 - EP US); **Y10T 74/19555** (2015.01 - EP US); **Y10T 74/1956** (2015.01 - EP US)

Citation (search report)
See references of WO 2008061263A2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2008061263 A2 20080529; WO 2008061263 A3 20080925; AT 504395 A1 20080515; AT 504395 B1 20090515; AU 2007324315 A1 20080529; AU 2007324315 B2 20111013; BR PI0721387 A2 20140617; CA 2670013 A1 20080529; CN 101583794 A 20091118; CN 101583794 B 20130410; EP 2100036 A2 20090916; JP 2010510431 A 20100402; JP 5244813 B2 20130724; KR 20090083468 A 20090803; US 2010048350 A1 20100225; US 8206262 B2 20120626

DOCDB simple family (application)
AT 2007000498 W 20071105; AT 19292006 A 20061121; AU 2007324315 A 20071105; BR PI0721387 A 20071105; CA 2670013 A 20071105; CN 200780043122 A 20071105; EP 07815165 A 20071105; JP 2009537439 A 20071105; KR 20097012798 A 20071105; US 51584907 A 20071105