

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  
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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).

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