Title (en)
DIFFERENTIAL FOR A WIND POWER STATION

Title (de)
DIFFERENTIALGETRIEBE FÜR WINDKRAFTANLAGE

Title (fr)
ENGRENAGE DIFFÉRENTIEL CONÇU POUR UNE ÉOLIENNE

Publication
EP 2347126 A2 20110727 (DE)

Application
EP 09744910 A 20091009

Priority
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- AT 15812008 A 20081009

Abstract (en)
[origin: WO2010040165A2] A differential for a power generation station, in particular a wind power station, comprises three input elements or output elements. A first input element is connected to a drive shaft of the power generation station, an output element is connected to a generator (8), and a second input element is connected to an electric motor (6) as the differential drive. The first input element that is connected to the drive shaft rotates at a basic speed. The speed range of the first input element amounts to a minimum of -/+ 6.0 percent and a maximum of -/+ 20.0 percent of the basic speed while the electric motor (6) is operated at the nominal speed.

IPC 8 full level
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F05B 2260/40311 (2013.01 - EP US); F16H 3/724 (2013.01 - EP US); Y02E 10/72 (2013.01 - EP US)

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

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
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