

Title (en)

ELECTRICAL ENERGY GENERATING INSTALLATION DRIVEN AT VARIABLE ROTATIONAL SPEEDS, WITH A CONSTANT OUTPUT FREQUENCY, ESPECIALLY A WIND POWER INSTALLATION

Title (de)

DREHZAHLVARIABLE ANGETRIEBENE ELEKTRISCHE ENERGIEERZEUGUNGSANLAGE MIT KONSTANTER AUSGANGSFREQUENZ, INSBESONDERE WINDKRAFTANLAGE

Title (fr)

INSTALLATION DE PRODUCTION D'ÉNERGIE ÉLECTRIQUE À VITESSE DE ROTATION VARIABLE, À FRÉQUENCE DE SORTIE CONSTANTE, EN PARTICULIER UNE ÉOLIENNE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2010121784A1] The invention relates to an energy generating installation, especially a wind power station, comprising a drive shaft connected to a rotor (1), a generator (8) and a differential transmission (11 to 13) provided with three drives or outputs. A first drive is connected to the drive shaft, an output is connected to a generator (8), and a second drive is connected to an electrical differential drive (6, 14). The differential drive (6, 14) is connected to a network (10) by means of a frequency converter (7, 15) that can be regulated for the active filtering of harmonics of the energy generating installation, especially of the generator (8).

IPC 8 full level

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