

Title (en)

OPTIMIZED SYNCHRONOUS GENERATOR OF A GEARLESS WIND POWER PLANT

Title (de)

OPTIMIERTER SYNCHRONGENERATOR EINER GETRIEBELOSEN WINDENERGIEANLAGE

Title (fr)

GÉNÉRATEUR SYNCHRONE OPTIMISÉ D'UNE ÉOLIENNE À ENTRAÎNEMENT DIRECT

Publication

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Application

EP 13723816 A 20130522

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Abstract (en)

[origin: CA2872956A1] The invention relates to a synchronous generator (301) of a gearless wind power plant (100), comprising an external rotor (304) and a stator (302), wherein the synchronous generator (301) has a generator outside diameter (344) and the stator (302) has a stator outside diameter, and a ratio of the stator outside diameter to the generator outside diameter is greater than 0.86, in particular greater than 0.9, and in particular greater than 0.92.

IPC 8 full level

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