

Title (en)

SYSTEM CONSISTING OF DIFFERENTLY DIMENSIONED TURBINES, IN PARTICULAR TURBINES FOR WIND TURBINES, WITH A WIDE RANGE OF TURBINE COMPONENT STANDARDIZATIONS

Title (de)

SYSTEM AUS UNTERSCHIEDLICH DIMENSIONIERTEN TURBINEN, INSBESONDERE TURBINEN FÜR WINDKRAFTANLAGEN, MIT WEITREICHENDER STANDARDISIERUNG DER KOMPONENTEN DER TURBINEN

Title (fr)

SYSTÈME COMPOSÉ DE TURBINES DE DIFFÉRENTES DIMENSIONS, EN PARTICULIER DE TURBINES POUR ÉOLIENNES, COMPRENANT UNE STANDARDISATION ÉTENDUE DES COMPOSANTS DES TURBINES

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Abstract (en)

[origin: WO2019193021A1] The invention relates to a turbine system having a plurality of turbines, in particular turbines for wind turbines. The plurality of turbines has a first turbine, which is the turbine of the plurality of turbines that has the highest load-bearing capacity, and the plurality of turbines has a second turbine which is the turbine of the plurality of turbines that has the lowest load-bearing capacity. The first turbine has first main turbine components, said first main turbine components being adapted to the load-bearing capacity of the first turbine, and the second turbine has second main turbine components. The invention is characterized in that the second main turbine components are adapted to the load-bearing capacity of the first turbine. The invention additionally relates to a bearing system consisting of bearing assemblies and to a method for designing a first bearing assembly and a second bearing assembly.

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