

Patent application conditions for wind turbine power generation

The study uses data from a newly constructed patent dataset (available online for complete download) covering twelve aspects of offshore wind technology, including foundations, ...

In more recent years, a considerable number of patents disclose novel configurations for wind power generation. The kinetic energy contained in a unit cross-section area of wind is a...

Patent applications for wind energy technologies should focus on the specific features that distinguish the invention from prior art. For instance, a new design for wind turbine blades that improves ...

Obtaining a wind turbine patent can be a complex and time-consuming process. The first step is to conduct a thorough search to ensure that your invention is unique and not already patented ...

The research was carried out with Google Patents, which delivered more than 700 results from worldwide intellectual property offices. The terms Wind & Power & Electric & Generator were ...

In summary, a well-prepared wind turbine blade patent application should include a comprehensive description, precise claims, analysis of prior art, explanation of technical benefits, ...

Abstract: A more efficient wind power generation system is afforded by extending tower heights to several hundred meters to operate wind catching rotors and generators aligned with the ...

The proposed utility model relates to alternative energy, using air to rotate a wind impeller installed in a wind turbine to generate electricity under various weather conditions, even...

1. WO2025013208 - TURBINE FOR WIND POWER GENERATION AND WIND POWER GENERATION DEVICE.

Abstract: A system for providing electrical power includes a high temperature heat source, an ambient temperature heat sink, an ORC generator, a solar thermal collector, and an SDES device.



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