

# Wind turbine wind tube patent



## Overview

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The invention relates to a pitch tube which can be used to bring supply lines to a blade pitch control system of a wind turbine. The tube body is designed in multiple parts and made of a non-conductive material only in an axial partial. A wind turbine patent is a legal document that grants the inventor the exclusive right to manufacture, use, and sell their wind turbine design for a certain period of time. Wind. WO2025013208 - TURBINE FOR WIND POWER GENERATION AND WIND POWER GENERATION DEVICE This turbine (2) for wind power generation rotates by using the flow of wind, and comprises: a rotating shaft (10) having a rotation center (C) extending in the horizontal direction; a ring (20) positioned on the. This report, which traces the technological influence of DOE wind energy R&D broadly through the knowledge and innovation ecosystem, was prepared for the U. Department of Energy (DOE) under Purchase Order No. 7454233 with Lawrence Berkeley National Laboratory (LBNL), Berkeley, California, USA.

## Wind turbine wind tube patent



### Wind Turbine Patents

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### [Intellectual Property In Wind Energy: Patents, Trade Secrets, And](#)

As the wind energy sector has rapidly developed in the past ten years, both Vestas, Siemens Gamesa, and GE Renewable Energy are examples of companies that have filed numerous patents.



### [Wind turbine rotor with venturi tube effect](#)

The present invention relates to a rotor system of the wind energy conversion system (WECS), and particularly to a WECS rotor with the Venturi-tube effect.



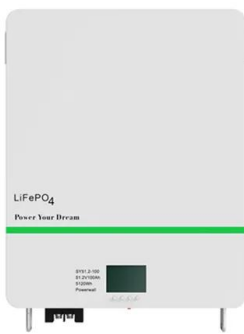
### [RELIABLE PITCH TUBE FOR A BLADE PITCH CONTROL SYSTEM OF A ...](#)

A pitch tube for a blade pitch control system of a wind turbine includes a tube body extending from a first axial end to a second axial end, for passing supply lines through a transmission.



[WO/2025/013208 TURBINE FOR WIND POWER GENERATION AND...](#)

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



**Microsoft Word**

They include General Electric patents for turbine control and rings/shrouds, Clipper and MRIGlobal (NREL) patents for variable speed turbines, Northern Power patents for direct drive turbines, and an early DOE patent ...



**WindPatent - Wind Patent**

The Patent for the Invention "Advanced wind turbine with dynamic entrainment and scavenging of wind flow" has already been granted by the Eurasian Patent Organization for Russia and CIS countries.



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### What Is a Wind Turbine Patent?

A wind turbine patent is a legal document that provides inventors exclusive rights to their innovations, protecting the unique aspects of their technology and preventing others from using the invention ...



### **Wind Patents (Class 290/55)**

Abstract: A control method, apparatus and system for anti-vortex induced vibration of a wind turbine are provided.



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