

Wind turbine wind tube patent



Overview

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.

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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.



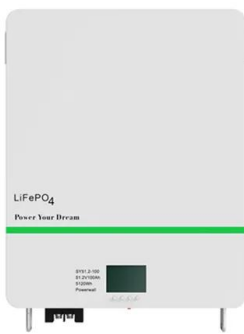
[RELIABLE PITCH TUBE FOR A BLADE PITCH CONTROL SYSTEM OF A ...](#)

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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