

# Venturi wind power generation device

Recent developments are carried out to enhance the performance of horizontal axis wind turbines (HAWT). In these developments a low pressure region was created behind the wind turbine ...

The present invention relates generally to a wind driven electric generating turbine and more particularly to such a device that incorporates in its construction the elements of a venturi...

In this paper, a wind actuated venturi triboelectric energy harvester with enhanced power output has been developed to harvest ambient mechanical energy into electricity.

A wind-powered energy generation system has a venturi with an air inlet adapted to receive a wind stream, an air outlet, a restriction between the air inlet and the air outlet, and a fluid...

DWT is a wind supply system suited for harnessing wind power. One of its groundbreaking features is its ability to integrate multiple wind turbine generator system into the segment on venturi. Its first ...

Sheer Wind's VWT technology creates new markets not possible with traditional wind technology, such as micro-power systems, mobile power systems, and collapsible/inflatable towers for military/disaster ...

The main feature of Venturi wind turbine is that it captures wind flow through an omnidirectional intake and provides higher wind velocity in the venturi portion.

SheerWind in Chaska, Minn., has fielded a wind power idea based on the Venturi effect. Basically it collects wind and compresses it in a funnel-like chamber before sending it to turn the ...

This paper concerns a new horizontal Venturi wind turbine (2.0m diameter), which has a comparable power per rotor cross-sectional area in respect to various other wind turbines, due to its direct-drive ...



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