

Translate

View:

Translation

Original

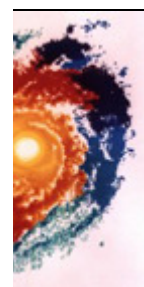
From:

German

To:

English

Book of synergy



PART C

Specific wind energy systems

Vertical axis rotors

Vertical axis rotors have over conventional systems with horizontal axes following advantages:

The wind is recorded from all directions without a yaw system is needed.

Strong wind can be easily swallowed, 'Costly rotor blade adjustment.

Even with the storm system need not be shut down (other installations in 24 - 27 m / s stopped).

They are robust, showing little wear, are virtually maintenance-free operation and low cost, since the mechanical structure is far less complex.

They can be designed for longer operating times.

You are almost noise-free.

There are no special foundations required a simple bracing sufficient in most cases.

As an example of the wealth of ideas to build wind turbines with vertical axis, to be presented here, the **1975** No. 4017205 **1977** issued and pending U.S. patent. Victor W. Bolie from


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PART C

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