

Title**WIND SYSTEM****Authors**

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Description

The invention relates to wind energy conversion systems, and in particular to multi-rotor wind systems.

The wind system includes the tower 1 in the form of an open metal construction, in which the vertical rotors 2 and 3 are located in the upper part. The blades 4 of the vertical rotor 2 are fixed at an angle to the rotor with a helix angle α to the right. The blades 5 of the vertical rotor 3 are fixed at an angle with the helix angle $360^\circ - \alpha$ to the left. Between the rotors 2 and 3 is placed the electric generator with permanent magnets with radial flux 6, the rotor 7 which is connected with the shaft 8 of the vertical rotor 2, and the stator 9 of the electric generator with permanent magnets with radial flux 6 is rigidly connected with the shaft 10 of the vertical rotor 3.