

Wind turbine set with overlapping blades

Invention relates to the wind power engineering, in particular to wind power generation units. The wind turbine contains the guiding element and two bladed rotors with vertical shafts and blades placed with zone of overlapping formed between internal blades. There top rotors re inserted additionally the shafts of which are joined with vertical shafts of bladed rotors by means of angle transmissions. Shafts of top rotors are installed with an inclination into the central part of the wind turbine and with placement of their internal blades in the zone of overlapping of blades of the bottom rotors.

EFFECT: invention provides improvement of power parameters due to decrease of the area of blades when they are moved against a wind.