

The invention relates to wind-power engineering, namely to wind turbines designed for individual consumers. The wind turbine comprises a mast (8), on which is installed a rotor (1) with blades (2) with aerodynamic profile, placed in a gondola, mounted with the possibility of rotation around the mast (8) by means of tail-vane wheels (5), connected to a drive, formed of two worm gearings, an annular convergent diffuser (7), fixed to the blades (2) coaxially with the rotor (1), and a thermogenerator (9), mounted between the sections of the mast (8) and kinematically connected to the rotor (1) by means of a bevel gearing.

Claims: 1

Fig.: 13

