

The invention relates to wind-power engineering, namely to wind turbines designed for individual consumers.

The wind turbine with aerodynamic tail-vane wheels contains a mast (1), on which is installed a rotor (3) with blades (4), located on a hub in a gondola (2), mounted with the possibility of rotation around the mast (1), as well as an electric generator (5), the shaft of which is connected to the shaft of the rotor (3) with blades (4). Inside the gondola (2) is installed a hydraulic system, through which the gondola (2) has the possibility of inclination relative to the axis of the mast (1). On either side of the gondola (2) are installed two tail-vane wheels (9), the blades of which are made with aerodynamic asymmetrical profile, placed relative to the plane of rotation of the tail-vane wheels (9) at an angle.

Claims: 4

Fig.: 8

