

The invention relates to the wind-power engineering, namely to wind turbines designed for individual consumers. The wind turbine with horizontal axis comprises a mast (1), on which are installed a rotor (4) with blades (5), located on a hub in a gondola (2), and an electric generator (6), the shaft of which is connected to the shaft of the rotor (4) with blades (5). On both sides of the gondola (2) is placed a tail-vane wheel (12), mounted on a common shaft and kinematically connected to the mast (1) via a worm gearing. The gondola (2) is installed on a platform (3) through a hinge with axis (18). The platform (3) is placed on the mast (1). In the gondola (2) is installed a hydraulic cylinder (7), controlled by a hydraulic station (8), connected to a voltage transducer, installed on the rotor (4) of the electric generator (6). The rod (11) of the hydraulic cylinder (7) is pivotally connected to the gondola (2), and the carcass of the hydraulic cylinder (7) is pivotally connected to the platform (3).

Claims: 1

Fig.: 6

