

The invention relates to the wind-power engineering and can be used for increasing the windmill power.

The windmill comprises a vertical turbine (2), a rim (4), a wind concentrator (1) with horizontal support rolls (5), placed around the turbine (2). The rim (4) is fixed onto the turbine (2) with the possibility of rotation onto the horizontal support rolls (5), and the turbine (2) additionally bears against vertical support rolls (6), fixed to a block (3) placed inside the turbine (2).

The additional increase in the power can be attained by selecting the relationship of the diameter of the block (3) for fixation of the vertical support rolls (6) at the height of the turbine (2) constituting more than 10 or providing the windmill with a wind direction element (8), installed above the turbine (2).

Claims: 3

Fig.: 3

