

The invention relates to wind-power engineering, namely to vertical axis wind turbines.

The wind turbine, according to the invention, comprises a working body, concentrically installed on the vertical axis (1) of the turbine, and consisting of a hollow shaft (2), a series of inclined helical blades (3) with aerodynamic profile in cross section, the ends of which are rigidly connected to the hollow shaft (2). Each blade (3), in cross section, is made of a contour with aerodynamic profile with a constant thickness, with the formation, from the beginning of the trailing edge, of a hole of up to 3/4 of the blade (3) chord width, on its outer surface, according to the first embodiment, or on its inner surface, according to the second embodiment.

Claims: 4

Fig.: 9

