

The invention relates to wind energy conversion devices, in particular to vertical axis wind turbines with aerodynamic protection against overloads.

The wind turbine, according to the invention, comprises a tower (1), on which is installed an electric generator (10) with a rotating shaft (7), connected to a rotating shaft (2) with blades with an aerodynamic profile (3), made inclined and mounted movably with the possibility of automatically changing the angle of attack α by turning. The blades (3) are connected to the rotating shaft (2) by means of radial rods (4), at the peripheral ends of which are installed mechanical hinges (5, 6), axially spaced from each other.

Claims: 2

Fig.: 10

