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Title

VERTICAL AXIS WIND TURBINES WITH POWER CONTROL

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Description

EN

The wind turbine comprises a support tower, on the platform of which is installed a vertical rotating shaft, one end of which is connected to a generator with permanent magnets, and the other end, by means of levers is connected to inclined blades or to vertical blades. The lower part of the blades is rigidly connected by means of rods to a lower bushing, rigidly fixed on the shaft, and the upper part of the blades is rigidly connected by means of tubular rods to an upper bushing, installed on the shaft. Inside the tubular rods are placed inertial elements, connected by means of elastic elements to the upper bushing.