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The invention relates to the wind-driven power plants, in particular to windmills with vertical axis of rotation. The wind turbine blade with vertical axis of rotation is made of sheet material bent with respect to the arc of a circle. The length of the blade and the area of the semicircle sector are determined according to the preliminarily calculated dependence of the blade surface element torque from its placement along the length of semicircle, being oriented to the reduction of the torque value by more than 30% of the maximum value.

Claims: 1

Fig.: 2