

**97-0055**

The invention relates to the installations for wind- to - mechanical energy conversion, which may be used for the electrical energy production.

The rotor - type windmill with vertical shaft (1) comprises several arc-forming blades (2). Under the blades (2) onto the shaft (1) bearing (4) there is installed a framework (3) with a rim (5), inside of which there are mounted brake blocks (6) with springs (7). The brake blocks are hingely connected to the blades (2). The technical result consist in the possibility of breaking the motor shaft rotation at sudden gusts.

