

Brevetto n. 5

- Nominativi Inventori: A. Pantano;
- Titolo brevetto: High efficiency oscillating-blade wind turbine;
- Abstract: The purpose of the present invention is to provide a wind turbine for transforming wind energy to mechanical and electrical energy with vertical axis of rotation and whose efficiency is better than that of the known turbines. Owing to its new design concept, the wind turbine of the invention tackles the problem of maximizing the efficiency of vertical-axis wind turbines by substantially reducing the aerodynamic resistances that are created during operation. The turbine is able to operate with wind coming from any direction and is able to rotate even in the presence of very light winds. The design of the turbine is economical, robust, compact and safe. It is a design of the modular type, because starting from a basic design that uses a minimum number of blades necessary for its operation, it is possible to add other blades for scaling the power that can be supplied, based on user requirements;
- Data deposito: 29 settembre 2011;
- Brevetto internazionale N. WO2012041961;
- Ambito territoriale di tutela: Internazionale;
- Opzioni/Disponibilità:
 - vendita;
 - usufrutto;
 - licenza;
 - joint venture o altre alleanze strategiche;
 - concedere in pegno.
- Area del brevetto: Energie rinnovabili.