

Title (en)

WIND OR WATER GENERATOR WITH ROTATING BLADES

Title (de)

WIND- ODER WASSERENERGIEERZEUGER MIT DREHBAREN BLÄTTERN

Title (fr)

AEROGENERATEUR OU HYDROGENERATEUR A AUBES ROTATIVES

Publication

**EP 1415090 A1 20040506 (EN)**

Application

**EP 02745698 A 20020725**

Priority

- GR 0200041 W 20020725
- GR 2001100393 A 20010808

Abstract (en)

[origin: WO03014565A1] The wind generator with rotating blades and with the vertical revolving shaft is comprised by a vertical shaft (5), two separated horizontal shafts (6), (7), four bearings (8), four stoppers (9) and four blades (1), (2), (3), (4). Under the wind pressure one of the blades are positioned across while the opposite blade located lengthwise to the wind flow. Due to the big difference of the aerodynamic resistance between these blades, the vertical shaft (5) start to revolve. At the same moment the other blades do not create resistance to revolve motion of the vertical shaft (5). (There are in neutral position).

IPC 1-7

**F03D 3/06**; F03B 17/06

IPC 8 full level

**F03B 17/06** (2006.01); **F03D 3/06** (2006.01)

CPC (source: EP)

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Citation (search report)

See references of WO 03014565A1

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**GR 0200041 W 20020725**; EP 02745698 A 20020725; GR 2001100393 A 20010808