

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)

F03B 17/065 (2013.01); **F03D 3/067** (2013.01); **F05B 2240/218** (2013.01); **F05B 2240/40** (2013.01); **F05B 2260/74** (2013.01); **Y02E 10/20** (2013.01); **Y02E 10/74** (2013.01)

Citation (search report)

See references of WO 03014565A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)

WO 03014565 A1 20030220; EP 1415090 A1 20040506; GR 1004172 B 20030226

DOCDB simple family (application)

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