

Title (en)
VERTICAL-AXIS WIND TURBINE

Title (de)
WINDTURBINE MIT VERTIKALER ACHSE

Title (fr)
EOLIENNE A AXE VERTICAL

Publication
EP 1819926 A1 20070822 (FR)

Application
EP 05818201 A 20051117

Priority
• FR 2005002859 W 20051117
• FR 0412262 A 20041118

Abstract (en)
[origin: WO2006053987A1] The invention concerns a vertical-axis wind turbine useful in particular for supplying electricity, pumping water or storing potential energy. More precisely, the inventive wind turbine comprises two blades linked through their respective lower ends to a rotary bearing of a mast (4). Typically, each of the blades is likewise linked through its upper end to the rotary bearing of the mast via a rigid lever which is supported on said mast and which is linked to said rotary bearing.

IPC 8 full level
F03D 3/00 (2006.01); **F03D 3/06** (2006.01); **F03D 5/00** (2006.01)

CPC (source: EP US)
F03D 3/005 (2013.01 - EP US); **F03D 5/005** (2013.01 - EP US); **F05B 2240/212** (2013.01 - EP US); **F05B 2250/232** (2013.01 - EP US); **F05B 2250/24** (2013.01 - EP US); **F05B 2260/30** (2013.01 - EP US); **F05B 2260/903** (2013.01 - EP US); **Y02E 10/70** (2013.01 - EP US); **Y02E 10/74** (2013.01 - EP US); **Y02P 80/10** (2015.11 - EP US)

Citation (search report)
See references of WO 2006053987A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
FR 2878001 A1 20060519; **FR 2878001 B1 20070316**; AU 2005305704 A1 20060526; BR PI0518442 A2 20081118; CA 2628592 A1 20060526; CN 100575697 C 20091230; CN 101061311 A 20071024; EP 1819926 A1 20070822; RU 2007122489 A 20081227; RU 2382233 C2 20100220; US 2009074581 A1 20090319; WO 2006053987 A1 20060526

DOCDB simple family (application)
FR 0412262 A 20041118; AU 2005305704 A 20051117; BR PI0518442 A 20051117; CA 2628592 A 20051117; CN 200580039552 A 20051117; EP 05818201 A 20051117; FR 2005002859 W 20051117; RU 2007122489 A 20051117; US 71957005 A 20051117