

Title (en)
HORIZONTAL-AXIS WIND GENERATOR

Title (de)
WINDGENERATOR MIT HORIZONTALER ACHSE

Title (fr)
AEROGENERATEUR A AXE HORIZONTAL

Publication
EP 1971771 A1 20080924 (FR)

Application
EP 06709075 A 20060112

Priority
FR 2006000068 W 20060112

Abstract (en)
[origin: WO2007080234A1] The invention relates to a wind generator for generating power thanks to the force of the wind (or to a stream of water). It consists of a rotor provided with 2, 3 or 4 semi-frustoconical twisted blades practically parallel to the rotation axis, which is horizontal. It is silent, starts with a low-speed wind and can operate in very strong winds. It thus requires a very short mast, thereby considerably reducing the visual impact on the countryside and the environmental disturbance. It may be intended for dwellings, individual houses, ships, caravans, but also for agricultural uses or any other applications requiring electric power or the like.

IPC 8 full level
F03D 1/06 (2006.01)

CPC (source: EP US)
F03D 1/06 (2013.01 - EP US); **F05B 2210/16** (2013.01 - EP US); **F05B 2250/232** (2013.01 - EP US); **Y02B 10/30** (2013.01 - EP US); **Y02E 10/72** (2013.01 - EP US)

Citation (search report)
See references of WO 2007080234A1

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)
WO 2007080234 A1 20070719; BR PI0621034 A2 20121009; CA 2636860 A1 20070719; CN 101449054 A 20090603; CN 101449054 B 20110921; EP 1971771 A1 20080924; HK 1132027 A1 20100212; US 2010166553 A1 20100701; US 8109732 B2 20120207

DOCDB simple family (application)
FR 2006000068 W 20060112; BR PI0621034 A 20060112; CA 2636860 A 20060112; CN 200680050869 A 20060112; EP 06709075 A 20060112; HK 09110011 A 20091028; US 16078506 A 20060112