

Title (en)
WIND TURBINE

Title (de)
WINDTURBINE

Title (fr)
EOLIENNE

Publication
EP 1399675 A1 20040324 (EN)

Application
EP 02702996 A 20020305

Priority
• PL 0200019 W 20020305
• PL 34773301 A 20010525
• PL 34918101 A 20010817

Abstract (en)
[origin: WO02095223A1] The wind turbine, in particular serving for the generation of electric power, has a rotor (W) placed on a tower (H) equipped with a sleeve (1) mounted so that it may rotate via bearing (2) on the foundation (F) fixed in the ground. The tower (H) is fixed to the sleeve (1) via bearings (3) mounted on the pins (4) attached to the sleeve (1). The tower (H) is rigidly connected by an auxiliary beam (13) with the main beam (7) at the angle of 50 to 120, the other, free end of which is suspended at the top part of the tower (H) on a rope (8), and has ballast (9) fixed underneath with a coupling (10) and to the main beam's (7) bottom is fastened the end of the rope (11) wound on a reel (12) attached to the ballast (9) to which the tower's (H) rotary mechanism (M) is attached.

IPC 1-7
F03D 11/04; **F03D 1/06**

IPC 8 full level
F03D 1/06 (2006.01); **F03D 11/04** (2006.01)

CPC (source: EP US)
F03D 1/0608 (2013.01 - EP); **F03D 13/20** (2016.05 - EP US); **F03D 13/25** (2016.05 - EP US); **F05B 2240/9121** (2013.01 - EP); **F05B 2240/91521** (2013.01 - EP); **F05B 2240/916** (2013.01 - EP); **F05B 2240/93** (2013.01 - EP); **Y02E 10/72** (2013.01 - EP); **Y02E 10/727** (2013.01 - EP)

Citation (search report)
See references of WO 02095223A1

Cited by
CN110273815A

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 02095223 A1 20021128; EP 1399675 A1 20040324

DOCDB simple family (application)
PL 0200019 W 20020305; EP 02702996 A 20020305