

Title (en)  
VERTICAL AXIS WIND TURBINE

Title (de)  
WINDTURBINE MIT SENKRECHTER DREHACHSE

Title (fr)  
EOLIENNE A AXE VERTICAL

Publication  
**EP 1295033 A1 20030326 (EN)**

Application  
**EP 01932078 A 20010508**

Priority  
• IT 0100220 W 20010508  
• IT VR20000045 A 20000509

Abstract (en)  
[origin: WO0186140A1] A high aerodynamic yield turbine (10) comprises a frame (11) hinged to a fixed surface in correspondence to its vertical axis; said frame comprises transverse peripheral rings (12, 13) connected by uprights (16, 17) and supports a number of blades (28) rotating around a respective axis substantially parallel to said vertical axis.

IPC 1-7  
**F03D 3/06**; **F03D 11/00**

IPC 8 full level  
**F03D 3/06** (2006.01); **F03D 11/00** (2006.01)

CPC (source: EP)  
**F03D 3/067** (2013.01); **F03D 80/70** (2016.05); **F05B 2240/312** (2013.01); **F05B 2240/40** (2013.01); **F05B 2260/72** (2013.01); **Y02E 10/74** (2013.01)

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 0186140 A1 20011115**; AU 5875101 A 20011120; EP 1295033 A1 20030326; IT 1314406 B1 20021213; IT VR20000045 A0 20000509; IT VR20000045 A1 20011109

DOCDB simple family (application)  
**IT 0100220 W 20010508**; AU 5875101 A 20010508; EP 01932078 A 20010508; IT VR20000045 A 20000509