

Title (en)  
WIND TURBINE-TYPE DEVICE

Title (de)  
VORRICHTUNG NACH ART EINER WINDTURBINE

Title (fr)  
DISPOSITIF DE TYPE TURBINE ÉOLIENNE

Publication  
**EP 2475876 A2 20120718 (DE)**

Application  
**EP 10773542 A 20100908**

Priority  
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• DE 2010001056 W 20100908

Abstract (en)  
[origin: CA2773560A1] The invention relates to a wind turbine-type device for utilizing the energy contained in an air flow. Said device is equipped with a rotating cylinder (2a) with rotating vanes (2), a stationary guiding cylinder (4a) surrounding the rotating cylinder (2a), said guiding cylinder having guiding blades (2) and capturing vanes (5) which are directed onto the guiding blades (4), the capturing vanes (5), in the direction of the oncoming air (A), are staggered from front to back from capturing vane (5) to capturing vane (5) to end in a laterally projecting manner so that the capturing vanes (5) capture subflows (5,12 to 5,56) of the oncoming air flow associated therewith and deviate them towards the guiding blades (4).

IPC 8 full level  
**F03D 3/04** (2006.01)

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