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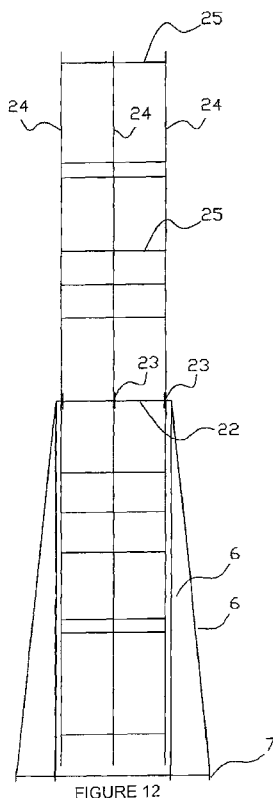
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[Continued on next page]

(54) Title: WIND TURBINE WITH HORIZONTAL SHAFT PERPENDICULAR TO WIND DIRECTION



(57) Abstract: There exists plates (32) at blades (24) of three gears (24) connected to the horizontal turbine shaft (22). The plates (32) are given an inclined plane (36) shape where the middle of the plates is at the front and the sides are behind. There is left a big space between the plates (32) and the shaft (22) for the flow of wind. There exists a windbreaker (39, 41, 42) to prevent the wind force on the plates (32) below the horizontal plane of the shaft (22). The resultants of vectors (35, 38) formed at the two types inclined planes (34, 36) of the plate surfaces (32) supports the shaft (22) rotation. The power on the shaft (22) is transmitted to the generator (64) by the vertical axis (4). The generator (64) is fixed at the generator room (2). The weight of the generator (64) and mechanism rotating the turbine to the wind direction (10, 12, 13, 15) is supported by the fixed concrete platform and thus has no influence on the turbine carrier (6).



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B. FIELDS SEARCHED
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F03D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
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C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2005/108779 A2 (WIND ENERGY GROUP INC [US]; DUKOVIC ADEM D [US]; PANDYA BALCHANDRA S [] 17 November 2005 (2005-11-17) * abstract	1,3,4
A	paragraph [0013] - paragraph [0052] figures	5,6
X	US 4 530 638 A (ANDRUSZKIW WALTER [US] ET AL) 23 July 1985 (1985-07-23) * abstract column 1, line 18 - column 7, line 4 figures	1,3-6
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Further documents are listed in the continuation of Box C.

See patent family annex.

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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