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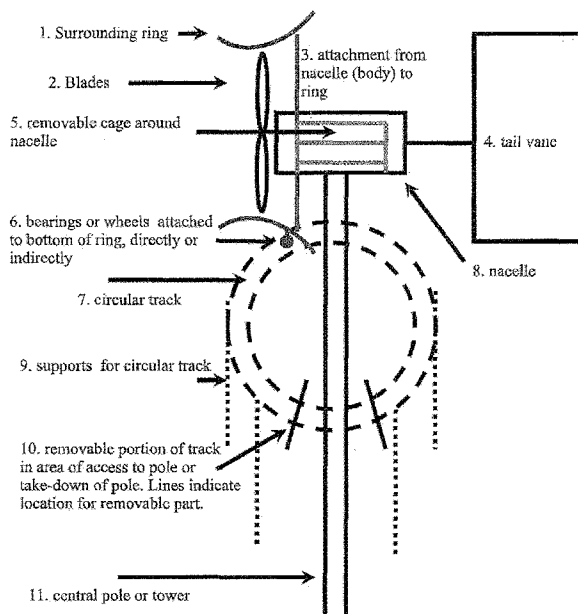
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(54) Title: SUPPORT OF FLOW DEFLECTION DEVICES IN WIND TURBINES

Figure 1 HAWT



(57) Abstract: Using flow deflection devices (FDD) or foils as part of wind and other turbines can add greatly to their performance, but designing the devices so that they fit together and on the turbines raises the need for new designs. This patent addresses the problem and describes solutions.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/IB2008/054024

A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - F03D 11/04 (2009.01)

USPC - 416/9

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC(8) - F03D 11/04 (2009.01)

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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 practicable, search terms used)

USPTO EAST System (US, USPG-PUB, EPO, DERWENT)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X — Y	US 2003/0223858 A1 (O'CONNOR et al) 04 December 2003 (04.12.2003) entire document	1-3, 5, 7, 10, 20-22 4, 6, 14, 17-18
X — Y	US 5,457,348 A (BLUMBERG et al) 10 October 1995 (10.10.1995) entire document	8-9, 13 15-16
X — Y	US 2007/0018484 A1 (BECKER) 25 January 2007 (25.01.2007) entire document	12 17-19
X — Y	US 4,116,581 A (BOLIE) 26 September 1978 (26.09.1978) entire document	23,25,29-30 19,26-28
X	US 6,688,842 B2 (BOATNER) 10 February 2004 (10.02.2004) entire document	24
Y	US 6,972,498 B2 (JAMIESON et al) 06 December 2005 (06.12.2005) entire document	4
Y	US 4,408,958 A (SCHACLE) 11 October 1983 (11.10.1983) entire document	6, 14
Y	US 2007/0212225 A1 (VANDERHYE) 13 September 2007 (13.09.2007) entire document	11
Y	US 2007/0151194 A1 (LIVINGSTON et al) 05 July 2007 (05.07.2007) entire document	11

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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.
Y	US 4,395,195 (DE COSMO et al) 26 July 1983 (26.07.1983) entire document	15, 16
Y	US 2006/0013689 A1 (WOBBEN) 19 January 2006 (19.01.2006) entire document	26
Y	US 2005/0249595 A1 (WOBBEN) 10 November 2005 (10.11.2005) entire document	27
Y	US 2006/0126252 A1 (MORTENSEN) 15 June 2006 (15.06.2006) entire document	28