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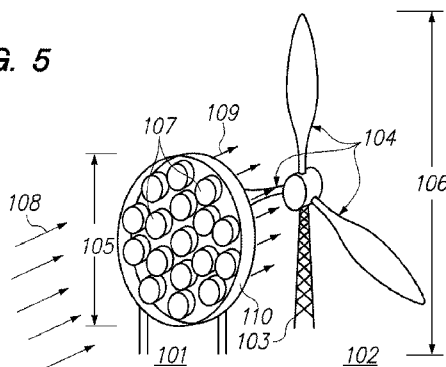
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(54) Title: WIND TURBINE POWER ENHANCEMENTS

FIG. 5



(57) Abstract: Systems are provided for increasing the power to be extracted from a wind stream by a wind turbine, including placing a duct and nozzle system, or cluster of such systems, up-stream of the wind turbine.



INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2012/048909**A. CLASSIFICATION OF SUBJECT MATTER*****F03D 1/00(2006.01)i, F03D 1/04(2006.01)i, F03D 11/00(2006.01)i, F03D 3/04(2006.01)i***

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)

F03D 1/00; F03D 7/04; F03D 1/06; F03D 9/00; F03B 13/00; F03D 1/04

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

Korean utility models and applications for utility models

Japanese utility models and applications for utility models

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKOMPASS(KIPO internal) & Keywords: wind, turbine, duct, nozzle

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2010-0133847 A1 (ALLAEI DARYOUSH) 03 June 2010	1-8
A	See abstract and paragraphs [17], [38] and figures 1-4.	9-19
A	US 2008-0258467 A1 (WILSON SAMUEL B. et al.) 23 October 2008	1-19
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A	US 2009-0317231 A1 (PRESZ, JR. WALTER M. et al.) 24 December 2009	1-19
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A	JP 2004-124926 A (BABA YOSHIMI) 22 April 2004	1-19
	See abstract and figure 1	



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See patent family annex.

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"A" document defining the general state of the art which is not considered to be of particular relevance

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