(19) World Intellectual Property Organization

International Bureau



. I TERRE BUNGAN I BARKA NAKI BAKK BAKK BAKK AN KAN BAKA KIKA BUNGA KIKA BUNGA BUNGAN BAKAN BAKAN BAKAN BAKAN

(43) International Publication Date 5 April 2007 (05.04.2007)

PCT

(10) International Publication Number WO 2007/038335 A3

(51) International Patent Classification: *F03D 9/00* (2006.01)

(21) International Application Number:

PCT/US2006/037094

(22) International Filing Date:

22 September 2006 (22.09.2006)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

11/233,112

23 September 2005 (23.09.2005) US

(71) Applicant and

(72) Inventor (for all designated States except US): GREEN,C., Raymond [US/US]; 601 UNIVERSITY AVE., Suite 278, Sacramento, CA 95825 (US).

(74) Agents: BIELEN, Theodore, J. Jr. et al.; 1390 WILLOW PASS RD., Ste 1020, Concord, CA 94520 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,

GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

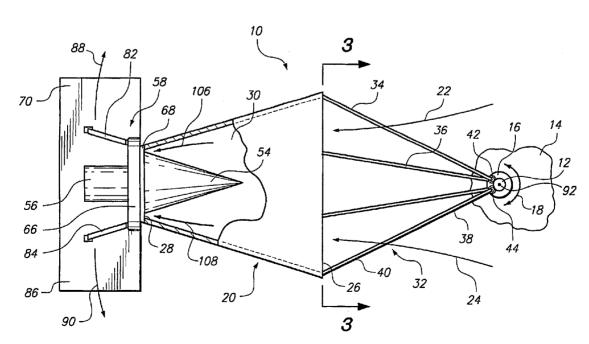
Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments
- (88) Date of publication of the international search report:

 3 January 2008

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: WIND POWER APPARATUS



(57) Abstract: A wind power apparatus utilizing an anchor which is rotatably fixed to a surface. A chute attaches to the anchor and is provided with a chamber. A restriction is located in the chamber to concentrate the wind within an annular are of the chute and direct it to a power generator. The power generator is then used to produce electricity, move an object, and the like.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US06/37094

A. CLASSIFICATION OF SUBJECT MATTER IPC: F03D 9/00(2006.01)					
USPC: 290/55 According to International Patent Classification (IPC) or to both national classification and IPC					
B. FIEL	DS SEARCHED				
Minimum documentation searched (classification system followed by classification symbols) U.S.: 290/55, 43, 44, 54; 415/7, 2.1, 4.2, 4.5, 907, 908, 909, 905; 416/188, 189, 7					
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched NONE					
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Please See Continuation Sheet					
C. DOC	UMENTS CONSIDERED TO BE RELEVANT				
Category *	Citation of document, with indication, where a	appropriate, of the relevant passages	Relevant to claim No.		
Y	US 5,669,758 A (WILLIAMSON) 23 September 199	97 (23.09.1997) see entire document	1-20		
Y	US 4,218,175 A (CARPENTER) 19 August 1980 (1	9.08.1980) see entire document	1-20		
Y	US 4,527,950 A (BISCOMB) 09 July 1985 (09.07.1)	985) see entire document	11, 16-20		
Α	US 4,207,026 A (KUDHIO) 10 June 1980 (10.06.19	80) see entire document	1-20		
Α	US 6,523,781 B2 (RAGNER) 25 February 2003 (25.	.02.2003) see entire document	1-20		
Α	US 4,166,596 A (MOUTON et al) 04 September 197	79 (04.09.1979) see entire document	1-20		
Α	US 4,025,220 A (THOMPSON et al) 24 May 1977 (24.05.1977) see entire document	1-20		
Further documents are listed in the continuation of Box C.		See patent family annex.			
Special categories of cited documents:		"T" later document published after the intern	· · · · ·		
"A" document particular	defining the general state of the art which is not considered to be of relevance	date and not in conflict with the applicat principle or theory underlying the invent	ion		
• •	lication or patent published on or after the international filing date	"X" document of particular relevance; the cle considered novel or cannot be considered when the document is taken alone			
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)		"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined			
"O" document referring to an oral disclosure, use, exhibition or other means		with one or more other such documents, obvious to a person skilled in the art	such combination being		
"P" document published prior to the international filing date but later than the priority date claimed		"&" document member of the same patent far	· · · · · · · · · · · · · · · · · · ·		
Date of the actual completion of the international search Date of mailing of the international search report.			report		
	07 (25.10.2007)	31 OCT	ZUU/		
	ling address of the ISA/US	Authorized officer Mayer M	hupmi		
Mail Stop PCT, Attn: ISA/US Commissioner for Patents		Date of mailing of the international search report 31 OCT 2007 Authorized officer Jose Dees Law M Chuppen			
P.O. Box 1450 Alexandria, Virginia 22313-1450		Telephone No. 571-272-1569			
	(571) 273-3201				

Form PCT/ISA/210 (second sheet) (April 2005)

INTERNATIONAL SEARCH REPORT

International application No. PCT/US06/37094

C. (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT				
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.		
Category *	Citation of document, with indication, where appropriate, of the relevant passages US 6,903,466 B1 (MERCIER et al) 07 June 2003 (07.06.2003) see entire document	Relevant to claim No.		

Form PCT/ISA/210 (continuation of second sheet) (April 2005)

	International application No.
INTERNATIONAL SEARCH REPORT	PCT/US06/37094
	1
	•
Continuation of B. FIELDS SEARCHED Item 3:	
Continuation of B. FIELDS SEARCHED Item 3: EAST; US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB; "290"/\$ccls. and (platform base) near7 (mov\$3 travel\$3) near12 (ground surface terrain)	d (chute parachute) and generator, 290/54-55.ssls. and
(platform base) near/ (mov\$3 travel\$3) near12 (ground surface terrain)	