

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
6 October 2011 (06.10.2011)

(10) International Publication Number
WO 2011/120523 A3

- (51) International Patent Classification:
H02J 3/38 (2006.01) *F03D 9/00* (2006.01)
- (21) International Application Number:
PCT/DK2011/050095
- (22) International Filing Date:
23 March 2011 (23.03.2011)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
61/319,305 31 March 2010 (31.03.2010) US
PA 2010 00272 31 March 2010 (31.03.2010) DK
- (71) Applicant (for all designated States except US): **VES-TAS WIND SYSTEMS A/S** [DK/DK]; Hedeager 44, DK-8200 Aarhus N (DK).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **LI, Bing** [SG/SG]; Blk 278 Toh Guan Road #05-179, Singapore 600179 (SG). **TRIPATHI, Anshuman** [IN/SG]; Blk 1 Bukit Batok Street 25 #04-01, Singapore 658882 (SG). **CAO,**

Shu, Yu [SG/SG]; Blk 695 Jurong West Central 1 #05-41, Singapore 640695 (SG). **GUPTA, Amit, Kumar** [IN/SG]; Blk 601, Clementi West Street 1 #09-04, Singapore 120601 (SG). **SNG, Eng, Kian, Kenneth** [SG/SG]; Blk 127 Sunset Way #03-02, Singapore 597156 (SG). **HELLE, Lars** [DK/DK]; Hjedstbækvej 475, DK-9541 Suldrup (DK).

- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, 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, LR, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG,

[Continued on next page]

(54) Title: METHOD OF OPERATING A WIND TURBINE, WIND TURBINE, WIND TURBINE CONTROLLING SYSTEM, AND PROCESSING SYSTEM

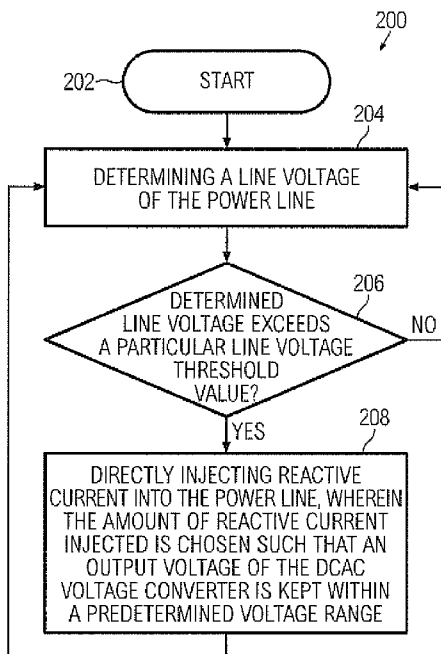


FIGURE 3

(57) Abstract: According to an embodiment, a method of operating a wind turbine comprising a DC-to-AC voltage converter is provided, the wind turbine being connectable to a grid via the DC-to-AC voltage converter, the method comprising: determining a line voltage of a power line connecting the DC-to-AC voltage converter to the grid; if the determined line voltage exceeds a predefined voltage threshold value, injecting reactive current into the power line, wherein the amount of reactive current injected is chosen such that an output voltage of the DC-to-AC voltage converter is kept within a predetermined voltage range.

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ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))*

(88) Date of publication of the international search report:
23 February 2012

Published:

— *with international search report (Art. 21(3))*

INTERNATIONAL SEARCH REPORT

International application No
PCT/DK2011/050095

A. CLASSIFICATION OF SUBJECT MATTER
INV. H02J3/38 F03D9/00
ADD.
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)
H02J

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)
EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2007/121354 A1 (JONES RODNEY [GB] ET AL) 31 May 2007 (2007-05-31) paragraph [0135] - paragraph [0138]; figures 1,5	1-20
Y	US 5 798 631 A (SPEE RENE [US] ET AL) 25 August 1998 (1998-08-25) column 7, line 29 - column 9, line 56; figure 6	1-20
Y	US 2008/315685 A1 (MANDALAKAS JOHN N [US] ET AL) 25 December 2008 (2008-12-25) paragraph [0044]; figure 1	1-20
Y	WO 2004/098261 A2 (XANTREX TECHNOLOGY INC [US]; HUDSON RAYMOND M [US]) 18 November 2004 (2004-11-18) page 18; figure 2	1-20

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Date of the actual completion of the international search
2 January 2012

Date of mailing of the international search report
09/01/2012

Name and mailing address of the ISA/
European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040,
Fax: (+31-70) 340-3016

Authorized officer
Ramcke, Ties

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/DK2011/050095

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