

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/CN2018/085481

<b>A. CLASSIFICATION OF SUBJECT MATTER</b>		
G06Q 10/04(2012.01)i		
According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b>		
Minimum documentation searched (classification system followed by classification symbols)		
G06Q; H02J; G06F		
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)		
CPRSABS, CNABS, CNTXT, SIPOABS, DWPI, CNKI: 风电变流器, IGBT, 评估, 风速, 功率, 风频, 时间, 效率, 发电量, 比较, 最高, 最好, 最优, wind, electric+, evaluat+, speed, power, frequency, time, efficiency, energy, compar+, optimal, optimum, high		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	CN 105375472 A (STATE GRID CORPORATION OF CHINA ET AL.) 02 March 2016 (2016-03-02) description, paragraphs [0008] and [0106]	1-8
Y	CN 105760669 A (CHONGQING THREE GORGES UNIVERSITY) 13 July 2016 (2016-07-13) description, paragraphs [0005]-[0097]	1-8
A	EP 3166065 A1 (VALIDUS SERVICES BERMUDA LTD.) 10 May 2017 (2017-05-10) entire document	1-8
A	唐勇 (TANG, Yong). "高温下的IGBT可靠性与在线评估 (Reliability and On-Line Evaluation of IGBT Modules Under High Temperature)" <i>电工技术学报 (Transactions of China Electrotechnical Society)</i> , Vol. 29, No. (6), 30 June 2014 (2014-06-30), entire document	1-8
A	冯江华 (FENG, Jianghua). "风电变流器的技术现状与发展 (Technology Status and Development of Wind Power Converters)" <i>大功率变流技术 (High Power Converter Technology)</i> , No. no. 3, 30 June 2014 (2014-06-30), entire document	1-8
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input checked="" type="checkbox"/> See patent family annex.		
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "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) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family		
Date of the actual completion of the international search		Date of mailing of the international search report
28 August 2018		11 September 2018
Name and mailing address of the ISA/CN		Authorized officer
State Intellectual Property Office of the P. R. China No. 6, Xitucheng Road, Jimenqiao Haidian District, Beijing 100088 China		
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**INTERNATIONAL SEARCH REPORT**  
**Information on patent family members**

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Patent document cited in search report			Publication date (day/month/year)	Patent family member(s)			Publication date (day/month/year)
CN	105375472	A	02 March 2016	None			
CN	105760669	A	13 July 2016	None			
EP	3166065	A1	10 May 2017	US	2016019647	A1	10 May 2017