

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/CN2019/112762

<b>A. CLASSIFICATION OF SUBJECT MATTER</b>		
H02K 9/04(2006.01)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)		
H02K		
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)		
CNPAT, CNKI, WPI, EPODOC: 壳, 定子, 转子, 通道, 流道, 流路, 螺旋, 流体, 冷却, 散热, housing, shell, case, stator, rotor, cool+, channel?, helical		
<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 205407495 U (GREE ELECTRIC APPLIANCES, INC. OF ZHUHAI) 27 July 2016 (2016-07-27) description, paragraphs [0006]-[0039], and figure 1	1-10
Y	CN 104734387 A (LANSHEN GROUP CORP., LTD.) 24 June 2015 (2015-06-24) description, paragraph [0031], and figures 1 and 4	1-10
Y	FR 2461835 A1 (LEROY SOMER MOTEURS) 13 March 1981 (1981-03-13) description, page 3, line 11 to page 4, line 25, and figure 1	1-10
PX	CN 209344946 U (GREE ELECTRIC APPLIANCES, INC. OF ZHUHAI) 03 September 2019 (2019-09-03) claims 1-10, description, paragraphs [0001]-[0058], and figures 1-6	1-10
A	CN 107134885 A (GREE ELECTRIC APPLIANCES, INC. OF ZHUHAI) 05 September 2017 (2017-09-05) entire document	1-10
<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
19 December 2019		02 January 2020
Name and mailing address of the ISA/CN		Authorized officer
<b>China National Intellectual Property Administration (ISA/CN)</b> <b>No. 6, Xitucheng Road, Jimenqiao, Haidian District, Beijing 100088</b> <b>China</b>		
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**INTERNATIONAL SEARCH REPORT**  
**Information on patent family members**

International application No.

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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 205407495 U	27 July 2016	None	
CN 104734387 A	24 June 2015	None	
FR 2461835 A1	13 March 1981	FR 2461835 B1	04 February 1983
CN 209344946 U	03 September 2019	None	
CN 107134885 A	05 September 2017	None	