

INTERNATIONAL SEARCH REPORT

International application No.

PCT/CN2018/101967

A. CLASSIFICATION OF SUBJECT MATTER

A47J 36/00(2006.01)i; F24H 7/04(2006.01)i; F24H 9/02(2006.01)i; F24H 9/12(2006.01)i; F24H 9/20(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)

A47J; F24H

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, EPODOC, WPI: 低温, 真空, 循环, 潜水泵, 加热, 发热, 均匀, 防水, sous vide?, sous?vide?, cycl+, submersible, pump?, heat+, uniform+, waterproof+

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
PX	CN 107692841 A (GUANGZHOU ARGION ELECTRIC APPLIANCE CO., LTD.) 16 February 2018 (2018-02-16) claims 1-10, description, paragraphs [0005]-[0043], and figures 1-6	1-10
X	CN 105310462 A (WU, JIEFU) 10 February 2016 (2016-02-10) description, paragraphs [0017]-[0071], and figures 1-11B	1-10
A	US 9687104 B2 (ANOVA APPLIED ELECTRONICS, INC.) 27 June 2017 (2017-06-27) entire document	1-10
A	CN 101776323 A (LIU, ANQUAN) 14 July 2010 (2010-07-14) entire document	1-10
A	CN 205227763 U (TAO, HUA) 11 May 2016 (2016-05-11) entire document	1-10
A	CN 106989506 A (SHENZHEN HUAGAO HANYU TECHNOLOGY CO., LTD.) 28 July 2017 (2017-07-28) entire document	1-10
A	CN 204141839 U (GUILIN UNIVERSITY OF TECHNOLOGY) 04 February 2015 (2015-02-04) entire document	1-10

 Further documents are listed in the continuation of Box C. 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

31 October 2018

Date of mailing of the international search report

16 November 2018

Name and mailing address of the ISA/CN

State Intellectual Property Office of the P. R. China
No. 6, Xitucheng Road, Jimenqiao Haidian District, Beijing
100088
China

Authorized officer

Facsimile No. (86-10)62019451

Telephone No.

INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.

PCT/CN2018/101967

Patent document cited in search report			Publication date (day/month/year)	Patent family member(s)			Publication date (day/month/year)
CN	107692841	A	16 February 2018	None			
CN	105310462	A	10 February 2016	EP	2950610	A1	02 December 2015
				AU	2015202985	A1	17 December 2015
				CA	2893500	A1	30 November 2015
				HK	1221386	A1	02 June 2017
				JP	2015226782	A	17 December 2015
				CA	2893335	A1	30 November 2015
				CA	2893374	A1	30 November 2015
				US	2015082996	A1	26 March 2015
				AU	2015202982	A1	17 December 2015
				AU	2015202983	A1	17 December 2015
				AU	2015202981	A1	17 December 2015
US	9687104	B2	27 June 2017	EP	2767159	A1	20 August 2014
				ES	2558513	T3	04 February 2016
				US	2016022085	A1	28 January 2016
				AU	2014200334	B2	31 May 2018
				JP	2016026649	A	18 February 2016
				JP	5822962	B2	25 November 2015
				DK	2767159	T3	01 February 2016
				EP	3005868	A1	13 April 2016
				EP	2767159	B1	04 November 2015
				JP	2014157820	A	28 August 2014
				AU	2014200334	A1	28 August 2014
				JP	6241004	B2	06 December 2017
CN	101776323	A	14 July 2010	None			
CN	205227763	U	11 May 2016	None			
CN	106989506	A	28 July 2017	None			
CN	204141839	U	04 February 2015	None			