

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/CN2018/094669

<b>A. CLASSIFICATION OF SUBJECT MATTER</b>		
D06F 39/02(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)		
D06F		
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, WPI, EPODOC, CNKI, IEEE: 浓度, 投放量, 海尔, haier, detergents, concentration		
<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 105088686 A (WUXI LITTLE SWAN COMPANY LIMITED) 25 November 2015 (2015-11-25) description, paragraphs [0021]-[0039], and figures 1 and 2	1-10
Y	CN 103266452 A (HAIER GROUP CORP ET AL.) 28 August 2013 (2013-08-28) description, paragraphs [0040]-[0056], and figures 1 and 2	1-10
Y	CN 105088687 A (WUXI LITTLE SWAN COMPANY LIMITED) 25 November 2015 (2015-11-25) description, paragraphs [0022]-[0039], and figures 1 and 2	1-10
Y	CN 105088688 A (WUXI LITTLE SWAN COMPANY LIMITED) 25 November 2015 (2015-11-25) description, paragraphs [0022]-[0039], and figures 1 and 2	1-10
Y	CN 104674511 A (WUXI LITTLE SWAN COMPANY LIMITED) 03 June 2015 (2015-06-03) description, paragraphs [0039]-[0059], and figures 1-3	1-10
Y	CN 106222955 A (WUXI LITTLE SWAN COMPANY LIMITED) 14 December 2016 (2016-12-14) description, paragraphs [0050]-[0095], and figures 1-7	1-10
<input checked="" 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
13 September 2018		19 October 2018
Name and mailing address of the ISA/CN		Authorized officer
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C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	CN 106222958 A (WUXI LITTLE SWAN COMPANY LIMITED) 14 December 2016 (2016-12-14) description, paragraphs [0040]-[0071], and figures 1-5	1-10
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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	105088686	A	25 November 2015	WO	2015161607	A1	29 October 2015
CN	103266452	A	28 August 2013	None			
CN	105088687	A	25 November 2015	WO	2015161548	A1	29 October 2015
CN	105088688	A	25 November 2015	WO	2015161606	A1	29 October 2015
CN	104674511	A	03 June 2015	CN	104674511	B	22 August 2017
CN	106222955	A	14 December 2016	None			
CN	106222958	A	14 December 2016	WO	2018040197	A1	08 March 2018