

INTERNATIONAL SEARCH REPORT

International application No.

PCT/CN2017/104973

A. CLASSIFICATION OF SUBJECT MATTER		
A61M 1/00(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)		
A61M1/-		
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)		
WPI, EPODOC, CNKI, CNPAT: 林哲伟, 许立生, 尿, 袋, 采样, 取样, 止逆, 止回, 逆流, 回流, 返流, 回流, 阀, 膜, urine, bag, sampl+, return, valve, membrane, film		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	CN 203208415 U (WANG, JINGDONG) 25 September 2013 (2013-09-25) description, paragraphs [0002]-[0010], and figure 1	1-6
Y	CN 205796121 U (CHANGSHA HAIRUN BIOLOGICAL TECH CO., LTD.) 14 December 2016 (2016-12-14) description, paragraph [0016], and figure 1	1-6
A	CN 203208418 U (LUO, YING ET AL.) 25 September 2013 (2013-09-25) entire document	1-6
A	CN 206391245 U (ZHANGJIAGANG SHENGANG MEDICAL PRODUCTS CO., LTD.) 11 August 2017 (2017-08-11) entire document	1-6
A	CN 202982731 U (SHANGHAI KINDLY ENTERPRISE DEVELOPMENT GROUP CO., LTD.) 12 June 2013 (2013-06-12) entire document	1-6
A	CN 204033867 U (JIANGSU WEIKANG JIEJING MEDICAL APPARATUS CO., LTD.) 24 December 2014 (2014-12-24) entire document	1-6
<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
22 May 2018		07 June 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.
A	CN 104107464 A (THE FIRST AFFILIATED HOSPITAL OF HENAN UNIVERSITY OF SCIENCE AND TECHNOLOGY) 22 October 2014 (2014-10-22) entire document	1-6
A	US 7780640 B1 (AMADOR, J. O.) 24 August 2010 (2010-08-24) entire document	1-6

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 203208415 U	25 September 2013	None	
CN 205796121 U	14 December 2016	None	
CN 203208418 U	25 September 2013	None	
CN 206391245 U	11 August 2017	None	
CN 202982731 U	12 June 2013	None	
CN 204033867 U	24 December 2014	None	
CN 104107464 A	22 October 2014	CN 104107464 B	15 February 2017
US 7780640 B1	24 August 2010	None	