

INTERNATIONAL SEARCH REPORT

International application No.
PCT/JP2016/056661

A. CLASSIFICATION OF SUBJECT MATTER
A61B5/0408(2006.01)i, A61B5/0478(2006.01)i, A61B5/0492(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)
A61B5/04-5/053, A61N1/00-1/44

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho	1922-1996	Jitsuyo Shinan Toroku Koho	1996-2016
Kokai Jitsuyo Shinan Koho	1971-2016	Toroku Jitsuyo Shinan Koho	1994-2016

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	JP 2013-111361 A (Japan Health Sciences Foundation), 10 June 2013 (10.06.2013), paragraphs [0030], [0040] to [0043], [0050]; fig. 16 to 17 & WO 2013/080992 A1	1, 3-4, 6 2, 5
X A	JP 2006-34429 A (Olympus Corp.), 09 February 2006 (09.02.2006), paragraphs [0026] to [0028]; fig. 7 to 8 & US 2008/0027345 A1 paragraphs [0141] to [0146]; fig. 21 to 22 & WO 2006/001276 A1 & EP 1767147 A1	1, 3-4, 6 2, 5

Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:	"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
"A" document defining the general state of the art which is not considered to be of particular relevance	"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
"E" earlier application or patent but published on or after the international filing date	"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
"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)	"&" document member of the same patent family
"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	

Date of the actual completion of the international search 17 May 2016 (17.05.16)	Date of mailing of the international search report 31 May 2016 (31.05.16)
---	--

Name and mailing address of the ISA/ Japan Patent Office 3-4-3, Kasumigaseki, Chiyoda-ku, Tokyo 100-8915, Japan	Authorized officer Telephone No.
--	---

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2016/056661

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	JP 2006-094979 A (Akio KIMURA), 13 April 2006 (13.04.2006), claims 1 to 2; paragraphs [0001] to [0024]; fig. 1 to 9 (Family: none)	1, 3-5 2, 6
X A	EP 2172152 A1 (NEDERLANDSE ORGANISATIE VOOR TOEGEPAST-NATUURWETENSCHAPPELIJK ONDERZOEK TNO), 07 April 2010 (07.04.2010), paragraphs [0001] to [0002], [0005], [0008] to [0015]; fig. 1 to 3 (Family: none)	1-4, 6 5
X A	JP 2003-520094 A (Instrumentarium Corp.), 02 July 2003 (02.07.2003), claims 1, 6, 13, 15; paragraphs [0003], [0014] to [0017], [0028], [0031], [0035]; fig. 1 to 4 & US 2004/0054393 A1 claims 1, 6, 13, 15; paragraphs [0003], [0028] to [0032], [0042], [0046], [0050]; fig. 1 to 4 & WO 2001/052731 A1	1-4, 6 5
A	JP 2014-176748 A (Sony Corp.), 25 September 2014 (25.09.2014), fig. 37 to 38, 45 to 46 & US 2012/0190959 A1 fig. 37 to 38, 45 to 46 & WO 2011/002092 A1 & EP 2449961 A1 & CN 102458242 A	1-6
A	JP 2013-509906 A (Koninklijke Philips Electronics N.V.), 21 March 2013 (21.03.2013), entire text; all drawings & US 2012/0226127 A1 & WO 2011/055291 A1 & CN 102596021 A	1-6
A	JP 11-332841 A (The Institute of Physical and Chemical Research), 07 December 1999 (07.12.1999), paragraph [0017] (Family: none)	3-4