

**INTERNATIONAL SEARCH REPORT**

International application No.

PCT/JP2019/013739

**A. CLASSIFICATION OF SUBJECT MATTER**

Int. Cl. A61B1/045(2006.01) i, G06T1/00(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)

Int. Cl. A61B1/00-1/32, G06T1/00, 3/00-5/50, 9/00-9/40

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

Published examined utility model applications of Japan 1922-1996  
 Published unexamined utility model applications of Japan 1971-2019  
 Registered utility model specifications of Japan 1996-2019  
 Published registered utility model applications of Japan 1994-2019

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.
Y A	WO 2018/155560 A1 (FUJIFILM CORP.) 30 August 2018, paragraphs [0001]-[0078], fig. 1-14 (Family: none)	1-2, 8-12 3-7
Y A	JP 2002-165757 A (OLYMPUS OPTICAL CO., LTD.) 11 June 2002, paragraphs [0004], [0082]-[0145] (Family: none)	1-2, 8-12 3-7
Y	WO 2012/165505 A1 (OLYMPUS CORP.) 06 December 2012, paragraph [0072], fig. 6 & US 2014/0085686 A1, paragraph [0104], fig. 6 & EP 2716202 A1 & CN 103547207 A	2, 8
A	JP 2006-227774 A (HITACHI MEDICAL CORP.) 31 August 2006, paragraphs [0008]-[0033], fig. 1-9 (Family: none)	1-12

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
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- “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  
31.05.2019

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