

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/KR2017/013892

## A. CLASSIFICATION OF SUBJECT MATTER

*A61B 6/00(2006.01)*

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)

A61B 6/00; G03B 42/02; G01T 1/161; G01N 23/02; G03B 41/16

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
Korean Utility models and applications for Utility models: IPC as above  
Japanese Utility models and applications for Utility models: IPC as aboveElectronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
eKOMPASS (KIPO internal) & Keywords: X-ray, cassette, bucky tray, fixing, slide, slit, guide rail, elasticity

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages  | Relevant to claim No. |
|-----------|---|-----------------------|
| Y         | KR 10-2017-0090381 A (SAMSUNG ELECTRONICS CO., LTD.) 07 August 2017<br>See paragraphs [94]-[96], [127], [128] and figures 7b, 9a. | 1-5                   |
| Y         | US 4416020 A (WAGNER et al.) 15 November 1983<br>See column 3, line 18-column 7, line 10 and figures 1-19.                        | 1-5                   |
| A         | KR 10-1625943 B1 (DRGEM CORPORATION) 31 May 2016<br>See figures 1-4.  | 1-5                   |
| A         | JP 2000-075430 A (SHIMADZU CORP.) 14 March 2000<br>See claim 1 and figure 1.  | 1-5                   |
| A         | JP 3727549 B2 (SAWA, Tsuneo) 14 December 2005<br>See claim 1 and figures 1-8.   | 1-5                   |



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

"&amp;" document member of the same patent family

Date of the actual completion of the international search

08 MAY 2018 (08.05.2018)

Date of mailing of the international search report

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Name and mailing address of the ISA/KR

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**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

International application No.

**PCT/KR2017/013892**

| Patent document cited in search report | Publication date | Patent family member  | Publication date   |
|--|------------------|---|--|
| KR 10-2017-0090381 A                   | 07/08/2017       | CN 106716113 A<br>EP 2979637 A1<br>KR 10-1763305 B1<br>KR 10-2016-0015139 A<br>US 2016-0029984 A1<br>US 2017-0055924 A1<br>US 9521983 B2<br>WO 2016-018064 A1 | 24/05/2017<br>03/02/2016<br>14/08/2017<br>12/02/2016<br>04/02/2016<br>02/03/2017<br>20/12/2016<br>04/02/2016 |
| US 4416020 A                           | 15/11/1983       | NONE  |  |
| KR 10-1625943 B1                       | 31/05/2016       | KR 10-2016-0016172 A  | 15/02/2016   |
| JP 2000-075430 A                       | 14/03/2000       | DE 19940851 A1<br>US 6276827 B1   | 02/03/2000<br>21/08/2001   |
| JP 3727549 B2                          | 14/12/2005       | JP 2002-345799 A  | 03/12/2002   |