

INTERNATIONAL SEARCH REPORT

International application No.

PCT/KR2018/016184

A. CLASSIFICATION OF SUBJECT MATTER

A61F 2/60(2006.01)i, A61F 2/68(2006.01)i, A61F 2/80(2006.01)i, A61B 5/11(2006.01)i, A61F 2/70(2006.01)i, A61F 2/50(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)

A61F 2/60; A61F 2/54; A61F 2/62; A61F 2/70; A61F 2/72; A61F 2/74; B25J 11/00; B25J 9/00; A61F 2/68; A61F 2/80; A61B 5/11; A61F 2/50

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 above

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

eKOMPASS (KIPO internal) & Keywords: above knee prosthesis, swing angle, passive, actuator and control

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2016-0158029 A1 (REHABILITATION INSTITUTE OF CHICAGO) 09 June 2016 See paragraphs [0071]-[0072], [0116] and figures 3, 5.	1
Y		5-7
A		2-4
Y	JP 2016-002122 A (UNIV OF TSUKUBA et al.) 12 January 2016 See paragraphs [0050], [0056]-[0057], [0070]-[0071].	5-7
A	JP 2011-518633 A (RIZZOLI ORTOPEDIA S.P.A.) 30 June 2011 See abstract and figures 1-3.	1-7
A	KR 10-1842465 B1 (AGENCY FOR DEFENSE DEVELOPMENT) 27 March 2018 See paragraphs [0012]-[0029] and figures 1, 7.	1-7
A	JP 2002-533161 A (BIEDERMANN MOTECH GMBH.) 08 October 2002 See claim 1 and figure 1.	1-7

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

“&” document member of the same patent family


Date of the actual completion of the international search

23 AUGUST 2019 (23.08.2019)

Date of mailing of the international search report

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INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.

PCT/KR2018/016184

Patent document cited in search report	Publication date	Patent family member	Publication date
US 2016-0158029 A1	09/06/2016	AU 2015-360683 A1	13/07/2017
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		CA 2723015 C	19/07/2016
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		EP 1058524 A1	13/12/2000
		EP 1058524 B1	01/09/2004
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