

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/KR2017/012524

## A. CLASSIFICATION OF SUBJECT MATTER

*G06F 17/30(2006.01)i, A61B 5/00(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)

G06F 17/30; G06F 17/10; G06F 17/00; G06Q 50/22; A61B 5/00

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) &amp; Keywords: hospital, mapping, ontology, SNOMED, Health Level 7, vMR

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	KR 10-2015-0061456 A (UNIVERSITY-INDUSTRY COOPERATION GROUP OF KYUNG HEE UNIVERSITY) 04 June 2015 See claims 1, 5-6, 12, 15.	1-6
Y	ALI, Taqdir et al., "Semantic Reconciliation Model for Interoperable and Shareable Knowledge Authoring Environment", 2016 International Symposium on Perception, Action, and Cognitive Systems, page 51, 27 October 2016 See Section II. Retrieved from: <a href="http://ucclab.khu.ac.kr/resources/publication/C_358.pdf">http://ucclab.khu.ac.kr/resources/publication/C_358.pdf</a>	1-6
A	KR 10-2015-0061457 A (UNIVERSITY-INDUSTRY COOPERATION GROUP OF KYUNG HEE UNIVERSITY) 04 June 2015 See paragraphs [0023]-[0095]; and figures 2-8.	1-6
A	KR 10-2011-0108998 A (SEOUL NATIONAL UNIVERSITY R&DB FOUNDATION) 06 October 2011 See paragraphs [0056]-[0096]; and figures 3a-5.	1-6
A	KR 10-2015-0073569 A (SOLTWORKS) 01 July 2015 See paragraph [0023]; and figure 2.	1-6

 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

20 MARCH 2018 (20.03.2018)

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/KR2017/012524**

Patent document cited in search report	Publication date	Patent family member	Publication date
KR 10-2015-0061456 A	04/06/2015	NONE	
KR 10-2015-0061457 A	04/06/2015	KR 10-1553397 B1	15/09/2015
KR 10-2011-0108998 A	06/10/2011	KR 10-1226471 B1	28/01/2013
KR 10-2015-0073569 A	01/07/2015	KR 10-1561242 B1	19/10/2015