

INTERNATIONAL SEARCH REPORT

International application No.

PCT/KR2019/012480

A. CLASSIFICATION OF SUBJECT MATTER

G06F 21/14(2013.01)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 21/14; G06F 011/00; G06F 11/28; G06F 11/36; G06F 9/42; G06F 9/54

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: break point, debugging, execution context, analysis

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	KR 10-2010-0073180 A (ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE et al.) 01 July 2010 See paragraphs [0018]-[0021]; claims 6, 9; and figure 1.	1-10
Y	US 2013-0326547 A1 (HUAWEI TECHNOLOGIES CO., LTD.) 05 December 2013 See paragraphs [0017]-[0046], [0063]-[0065]; claim 2; and figures 2-3.	1-10
Y	KR 10-2004-0076915 A (LG ELECTRONICS INC.) 04 September 2004 See abstract; claims 1, 6; and figure 3.	4, 10
A	EP 1489512 A2 (MICROSOFT CORP.) 22 December 2004 See paragraphs [0054]-[0056]; and figures 3-4.	1-10
A	US 2005-0210335 A1 (MURATORI, Richard D. et al.) 22 September 2005 See paragraphs [0053]-[0055]; and figure 10.	1-10

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	“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
“E” earlier application or patent but published on or after the international filing date	“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
“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)	“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
“O” document referring to an oral disclosure, use, exhibition or other means	“&” document member of the same patent family
“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

06 JANUARY 2020 (06.01.2020)

Date of mailing of the international search report

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INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.

PCT/KR2019/012480

Patent document cited in search report	Publication date	Patent family member	Publication date
KR 10-2010-0073180 A	01/07/2010	KR 10-1027005 B1	11/04/2011
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		CN 102187340 B	13/03/2013
		US 8924991 B2	30/12/2014
		WO 2011-100931 A2	25/08/2011
		WO 2011-100931 A3	12/04/2012
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		EP 1489512 A3	18/03/2009
		JP 2005-011342 A	13/01/2005
		KR 10-1004543 B1	03/01/2011
		KR 10-2004-0111141 A	31/12/2004
		US 2004-0268183 A1	30/12/2004
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