

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/KR2017/009771

## A. CLASSIFICATION OF SUBJECT MATTER

*A63F 9/18(2006.01)i, A63F 13/798(2014.01)i, A63F 13/45(2014.01)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)

A63F 9/18; G06Q 50/10; A63F 13/46; G06Q 50/10; G06Q 30/02; A63F 13/69; A63F 13/843; A63F 13/352; A63F 13/35; A63F 13/798; A63F 13/45

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: quiz, online, participant, contributor, result, grade, addition

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	KR 10-1683381 B1 (KSEEK CO., LTD.) 06 December 2016 See paragraphs [0042] and [0118]; claims 1-12; and figure 2.	1-12
A	KR 10-2014-0073753 A (KIM, Young Real) 17 June 2014 See paragraphs [0062]-[0076] and figure 3.	1-12
A	KR 10-2000-0024189 A (KIM, Jae Soon) 06 May 2000 See claims 1-2.	1-12
A	JP 2016-144645 A (GREE INC.) 12 August 2016 See paragraphs [0098]-[0106] and figure 11.	1-12
A	US 2015-0145214 A1 (BATOK, Bekir Sami) 28 May 2015 See paragraphs [0024]-[0029] and figure 1.	1-12
E	KR 10-2018-0000141 A (KSEEK CO., LTD.) 02 January 2018 See claims 1-12.	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

"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

04 JUNE 2018 (04.06.2018)

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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/KR2017/009771**

Patent document cited in search report	Publication date	Patent family member	Publication date
KR 10-1683381 B1	06/12/2016	CN 106489259 A JP 2017-526394 A US 2017-0182411 A1 WO 2016-200097 A1	08/03/2017 14/09/2017 29/06/2017 15/12/2016
KR 10-2014-0073753 A	17/06/2014	KR 10-1526871 B1	17/06/2015
KR 10-2000-0024189 A	06/05/2000	NONE	
JP 2016-144645 A	12/08/2016	NONE	
US 2015-0145214 A1	28/05/2015	NONE	
KR 10-2018-0000141 A	02/01/2018	NONE	