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(54) Title: FACILITATING INTERACTION AMONG USERS OF A SOCIAL NETWORK

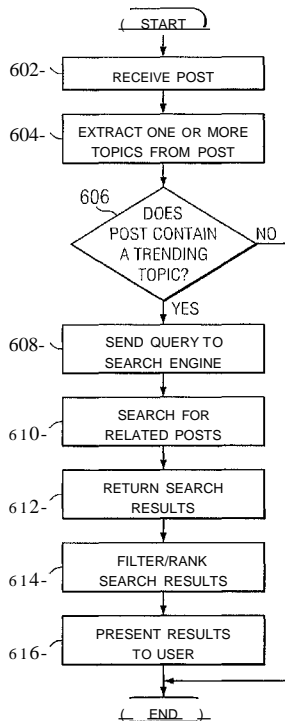


FIG. 6

(57) Abstract: In one embodiment, a method includes receiving a first user action relating to a first topic from a first user, identifying the first topic based on the first user action, identifying one or more second posts that relate to the first topic, and transmitting to the first user one or more of the second posts or information associated with the second posts in a structured document for display to the first user, the structured document further comprising one or more interactive elements that enable the first user to interact with the one or more second posts or to respective second users that declared the second posts.

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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) G06Q 50/00; G06F 17/30; G06F 17/21; H04M 3/00; G06N 5/02		
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 Japanese utility models and applications for utility models		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) eKOMPASS(KFPO internal) & Keywords: social, network, relate, post, topic, user, communication, internet, homepage		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	US 2010-0119053 A1 (GOELDI ANDREAS) 13 May 2010 See abstract, paragraphs 57-59, 86 and figures 2, 12.	1, 2, 7, 8, 20 3-6, 9-19
X A	KR 10-2010-0018674 A (NAM0 INTERACTIVE CO., LTD.) 18 February 2010 See abstract, pages 6-7, claims 1, 9 and figures 1-4, 9.	1, 2, 7, 8, 20 3-6, 9-19
X A	WO 2008-134772 A1 (GOOGLE INC. et al.) 06 November 2008 See abstract and claim 1.	1, 2, 7, 8, 20 3-6, 9-19
A	US 2010-0153832 A1 (MARKUS MICHAEL J. et al.) 17 June 2010 See abstract, paragraphs 171-176 and figure 7.	1-20
A	KR 10-2010-0053152 A (NHN CORPORATION) 20 May 2010 See abstract, pages 9-10 and figures 1-3.	1-20
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input checked="" type="checkbox"/> 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 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		
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Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2010-01 19053 A 1	13 .05 .20 10	US 2010-012 1707 A 1 US 2010-012 1843 A 1 US 2010-012 1849 A 1 US 7974983 B 2	13 .05 .2010 13 .05 .2010 13 .05 .2010 05 .07 .201 1
KR 10-2010-00 18674 A	18 .02 .20 10	None	
W0 2008-134772 A 1	06 .11 .2008	KR 10-2010-005 1593 A US 2008-027586 1 A 1 US 8055664 B 2	17 .05 .2010 06 .11 .2008 08 .11 .201 1
US 2010-0153832 A 1	17 .06 .20 10	w0 2007-005463 A 2	11 .0 1 .2007
KR 10-2010-0053 152 A	20 .05 .20 10	None	