

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
16 April 2009 (16.04.2009)

PCT

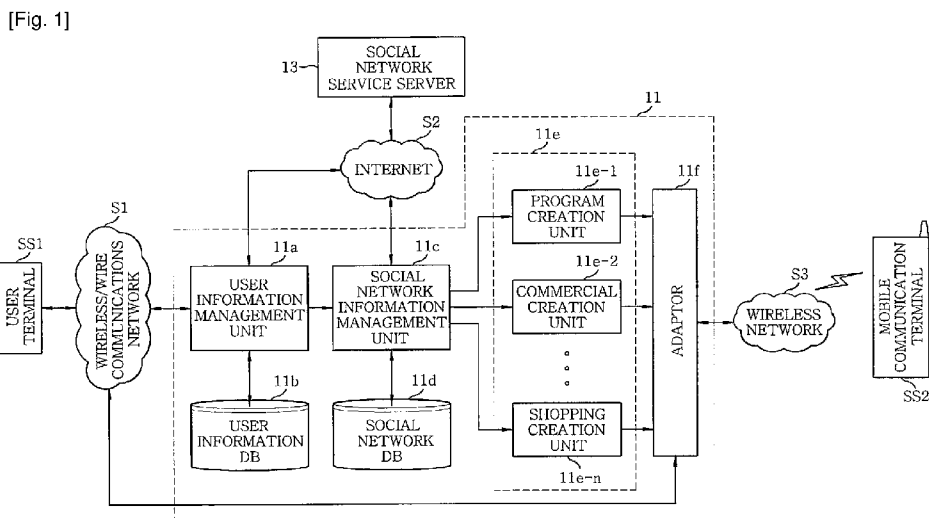
(10) International Publication Number
WO 2009/048299 A3

- (51) International Patent Classification:
G06F 17/00 (2006.01)
- (21) International Application Number:
PCT/KR2008/005982
- (22) International Filing Date: 10 October 2008 (10.10.2008)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
10-2007-0102192 10 October 2007 (10.10.2007) KR
- (71) Applicant (for all designated States except US): ELEC-
TRONICS AND TELECOMMUNICATIONS RE-
SEARCH INSTITUTE [KR/KR]; 161, Gajeong-dong,
Yuseong-gu, Daejeon 305-350 (KR).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): LEE, Won Suk
[KR/KR]; Electronics and Telecommunications Research
Institute, 161, Gajeong-dong, Yuseong-gu, Daejeon
305-350 (KR). LEE, Kangchan [KR/KR]; Electron-
ics and Telecommunications Research Institute, 161,
Gajeong-dong, Yuseong-gu, Daejeon 305-350 (KR).
JEON, Jong Hong [KR/KR]; Electronics and Telecom-
munications Research Institute, 161, Gajeong-dong,
Yuseong-gu, Daejeon 305-350 (KR). KIM, Sung Han

- [KR/KR]; Electronics and Telecommunications Research
Institute, 161, Gajeong-dong, Yuseong-gu, Daejeon
305-350 (KR). LEE, Seung Yun [KR/KR]; Electron-
ics and Telecommunications Research Institute, 161,
Gajeong-dong, Yuseong-gu, Daejeon 305-350 (KR).
- (74) Agent: JANG, Seong Ku; 19th Fl., Trust Tower, 275-7
Yangjae-dong, Seocho-gu, Seoul 137-130 (KR).
- (81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA,
CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE,
EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID,
IL, IN, IS, JP, KE, KG, KM, KN, KP, KZ, LA, LC, LK, LR,
LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX,
MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO,
RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL,
NO, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG,
CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: SYSTEM AND METHOD FOR PROVIDING IPTV SERVICE BASED ON SOCIAL NETWORK



(57) Abstract: A system for providing an IPTV service based on social networks comprises a social network service server and an IPTV service apparatus. The IPTV service apparatus includes: a user information management unit for collecting social network profiles using user identification information through the social network service server; a social network information management unit for acquiring social network information based on the collected social network profiles and determining an importance level by analyzing the acquired social network information. Further, the system for providing an IPTV service based on social networks includes a contents creation unit for creating various contents using the determined importance level; and an adaptor for providing contents selected by a user among the various contents to the user using the IPTV service.

WO 2009/048299 A3



Published:

- *with international search report*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

(88) Date of publication of the international search report:
9 July 2009

A. CLASSIFICATION OF SUBJECT MATTER**G06F 17/00(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)

IPC: G06F 17/00, G06Q 50/00, H04N 5/445

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 since 1975

Japanese Utility models and applications for Utility models since 1975

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

eKIPASS(KIPO internal) "IPTV, social, network, and content"

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2007/0083895 A1 (SBC Knowledge Ventures, L.P.) 12 April 2007 See abstract; figures 1, 3; claims 1, 10	1-9
A	KR 2007-0032103 A (SAMSUNG ELECTRONICS CO., LTD.) 21 March 2007 See abstract; figures 3, 9; claims 1, 2, 9, 10	1-9
A	KR 2006-0126124 A (KT CORPORATION) 07 December 2006 See abstract; figures 1, 2; claims 1, 6	1-9
A	KR 2007-0035447 A (KT CORPORATION) 30 March 2007 See abstract; figures 2, 3; claim 1	1-9

 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 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

26 MAY 2009 (26.05.2009)

Date of mailing of the international search report

26 MAY 2009 (26.05.2009)

Name and mailing address of the ISA/KR

Korean Intellectual Property Office
Government Complex-Daejeon, 139 Seonsa-ro, Seo-gu,
Daejeon 302-701, Republic of Korea

Facsimile No. 82-42-472-7140

Authorized officer

PARK, Sung Woo

Telephone No. 82-42-481-5790



INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/KR2008/005982

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2007/0083895 A1	12.04.2007	None	
KR 2007-0032103 A	21.03.2007	EP 1925155 A1 US 2007-064637 A1 WO 2007-032652 A1	28.05.2008 22.03.2007 22.03.2007
KR 2006-0126124 A	07.12.2006	None	
KR 2007-0035447 A	30.03.2007	None	