

(19) World Intellectual Property Organization
International Bureau



(10) International Publication Number
WO 2011/111987 A3

(43) International Publication Date
15 September 2011 (15.09.2011)

(51) International Patent Classification:
H04N 7/173 (2011.01) H04N 7/08 (2006.01)

Ryoul; #514-1204, Dongmun Goodmorning Hill 5-cha APT., Dongcheon-dong, Suji-gu, Yongin-si, Gyeonggi-do 448-710 (KR).

(21) International Application Number:
PCT/KR2011/001604

(74) Agent: LEE, Keon-Joo; Mihwa Bldg. 110-2, Myongryun-dong 4-ga, Chongro-gu, Seoul 110-524 (KR).

(22) International Filing Date:
8 March 2011 (08.03.2011)

(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, CL, 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, PE, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
10-2010-0020544 8 March 2010 (08.03.2010) KR

(71) Applicant (for all designated States except US): SAM-SUNG ELECTRONICS CO., LTD. [KR/KR]; 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 442-742 (KR).

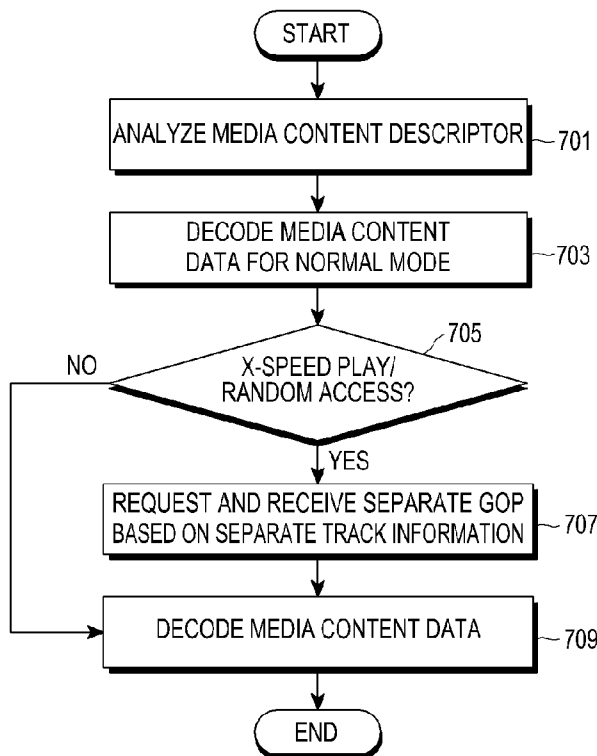
(72) Inventors: PARK, Kyung-Mo; #23-1301, Eunma APT., Daechi 2-dong, Gangnam-gu, Seoul 135-969 (KR). SONG, Jae-Yeon; #B-805, Sungbo APT., Yeoksam-dong, Gangnam-gu, Seoul 135-080 (KR). RHYU, Sung-

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ,

[Continued on next page]

(54) Title: APPARATUS AND METHOD FOR PLAYING MEDIA CONTENT DATA

[Fig. 10]



(57) Abstract: A method is provided for playing media content by a client in a data communication network, in which a request for a media content descriptor is sent to a server, a media content descriptor including a Uniform Resource Locator (URL) for an access to specific media content data configured for execution of a specific function is received from the server, and the specific media content data is received using the URL included in the received media content descriptor.

WO 2011/111987 A3



TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))*

(88) Date of publication of the international search report:
5 January 2012

Published:

— *with international search report (Art. 21(3))*

INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR2011/001604**A. CLASSIFICATION OF SUBJECT MATTER****H04N 7/173(2011.01)i, H04N 7/08(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)

H04N 7/173; G06F 7/00; G06K 9/00; G06K 9/62; G11B 27/32

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(KIPO internal) & Keywords: media, content, descriptor

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 2002-0116392 A1 (MARK JOHN MCGRATH et al.) 22 August 2002 See abstract; paragraphs [0033]-[0049]; claims 1-9; figure 2.	1,6,11 2-5,7-10,12-15
A	EP 2023266 A1 (RICOH COMPANY, LTD.) 11 February 2009 See abstract; paragraphs [0043]-[0056]; figure 2.	1-15
A	EP 2136314 A1 (ALCATEL LUCENT) 23 December 2009 See abstract; claims 1, 8; figure 1.	1-15

 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

21 OCTOBER 2011 (21.10.2011)

Date of mailing of the international search report

21 OCTOBER 2011 (21.10.2011)

Name and mailing address of the ISA/KR

Korean Intellectual Property Office
Government Complex-Daejeon, 189 Cheongsu-ro,
Seo-gu, Daejeon 302-701, Republic of Korea

Facsimile No. 82-42-472-7140

Authorized officer

Moon, Nam Doo

Telephone No. 82-42-481-5751



INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/KR2011/001604

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2002-0116392 A1	22.08.2002	EP 1213667 A2 EP 1213667 A3 GB 0029893 D0 JP 2002-318803 A US 6925474 B2	12.06.2002 14.12.2005 24.01.2001 31.10.2002 02.08.2005
EP 2023266 A1	11.02.2009	None	
EP 2136314 A1	23.12.2009	None	