

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
8 January 2009 (08.01.2009)

PCT

(10) International Publication Number
WO 2009/005277 A3

(51) International Patent Classification:

H04B 1/40 (2006.01)

(21) International Application Number:

PCT/KR2008/003859

(22) International Filing Date: 30 June 2008 (30.06.2008)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

10-2007-0065662	29 June 2007 (29.06.2007)	KR
60/957,714	24 August 2007 (24.08.2007)	US
60/974,084	21 September 2007 (21.09.2007)	US

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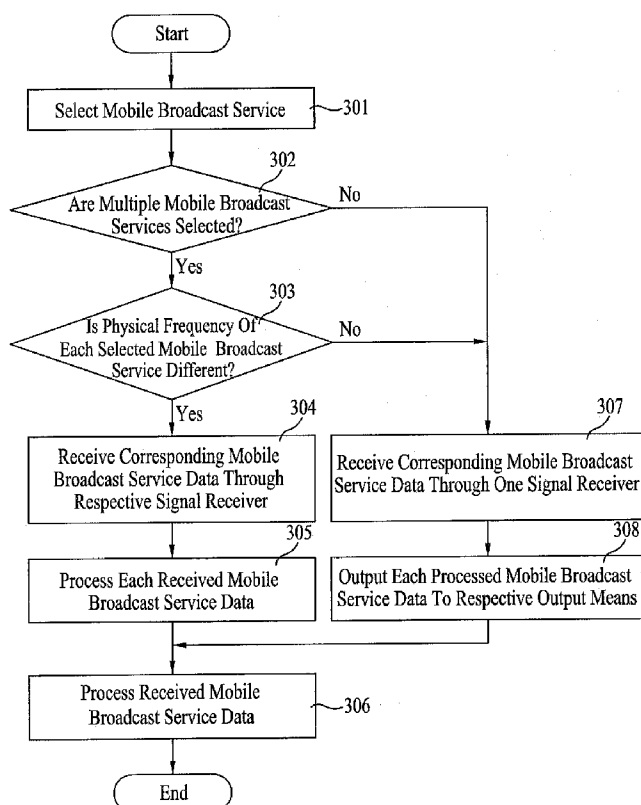
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[Continued on next page]

(54) Title: BROADCAST RECEIVING SYSTEM AND METHOD FOR PROCESSING BROADCAST SIGNALS

[Fig. 6]



(57) Abstract: A broadcast receiving system capable of receiving mobile broadcast data and a method for processing broadcast signals are disclosed. The broadcast receiving system includes a first receiving unit, a second receiving unit, a known sequence detector, an equalizer, and a display unit. The first receiving unit receives a first broadcast signal including first mobile broadcast service data and first main broadcast service data. The second receiving unit receives a second broadcast signal including second mobile broadcast service data and second main broadcast service data. The known sequence detector detects at least one of known data included in the received first broadcast signal and known data included in the received second broadcast signal. The channel equalizer uses the detected known data, thereby channel-equalizing the received first and second mobile broadcast service data corresponding to the detected known data. The display unit provides any one of first video data and second video data included in the channel-equalized first and second mobile broadcast service data to a user.



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(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, 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).

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:**
19 March 2009

A. CLASSIFICATION OF SUBJECT MATTER***H04B 1/40(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: H04B, H03K, H04W

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 1975Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
eKIPASS (KIPO internal) & keywords : broadcast, receive*, equaliz* and similar terms**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 2006-148543 A (PIONEER ELECTRONIC CORP.) 08 June 2006 See abstract, figure 2 and its corresponding specification.	1-12
A	EP 1596513 A2 (SAMSUNG ELECTRONICS CO., LTD.) 16 November 2005 See figure 1 and its corresponding specification.	1-12
A	US 2004-0110522 A1 (DAMIAN HOWARD et al.) 10 June 2004 See figures 7, 9 and their corresponding specifications.	1-12
A	US 2006-0223461 A1 (RAJIV LAROIA et al.) 05 October 2006 See abstract and figure 2.	1-12



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Date of the actual completion of the international search

14 JANUARY 2009 (14.01.2009)

Date of mailing of the international search report

14 JANUARY 2009 (14.01.2009)

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

YANG, Jeong Rok

Telephone No. 82-42-481-5709



INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/KR2008/003859

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