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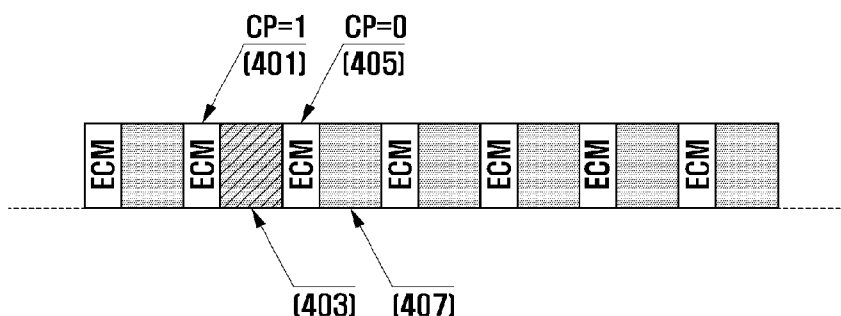
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(54) Title: METHOD AND APPARATUS FOR DIGITAL BROADCASTING SERVICE

[Fig. 4]



(57) Abstract: A method and apparatus for a digital broadcasting service may allow direct and real-time control of a digital broadcasting receiver. A service providing server inserts a content control access criteria descriptor into a transport stream and transmits content and the content control access criteria descriptor to the receiver through the transport stream. The receiver receives the transport stream and processes the content according to the content control access criteria descriptor, which can contain lock control information and coupon provision information. The lock control information indicates whether a control function of the receiver is locked or unlocked for specific content. The coupon provision information indicates whether a coupon available for the purchase of pay content is granted depending on execution of specific content.



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## INTERNATIONAL SEARCH REPORT

International application No.  
**PCT/KR2009/007925****A. CLASSIFICATION OF SUBJECT MATTER*****H04N 7/16(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 7/16; G06Q 99/00; H04H 9/00; H04N 7/10; H04N 7/173

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) &amp; Keywords: control function, coupon, ECM

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	US 2007-0112580 A1 (YAN-MEI TANG-TALPIN et al.) 17 May 2007 See abstract; paragraphs [0131]-[0151]; figures 1 and 2.	1,3,6,8 2,4,5,7,9,10
Y A	US 6057872 A1 (BRANT CANDELORE) 02 May 2000 See abstract; column 7, lines 49-64; figure 1.	2,4,5,7,9,10 1,3,6,8
A	US 2005-0108763 A1 (PAUL BARAN et al.) 19 May 2005 See abstract; paragraphs [0204]-[0208],[0399]-[0403]; figure 29.	1-10
A	US 2004-0268420 A1 (ADDINGTON TIMOTHY et al.) 30 December 2004 See abstract; paragraphs [0113]-[0116]; figures 9a and 10.	1-10

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

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Information on patent family members

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