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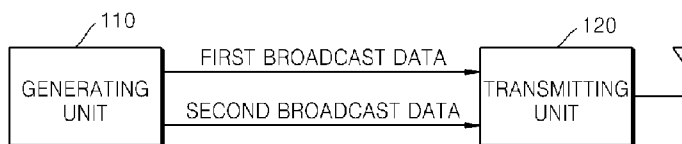
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(54) Title: METHOD AND APPARATUS FOR TRANSMITTING AND RECEIVING EXTENDED BROADCAST SERVICE IN DIGITAL BROADCASTING

[Fig. 1]



(57) Abstract: A method and apparatus for transmitting and receiving digital broadcasting. The method includes transmitting and receiving main broadcast data and supplemental broadcast data, wherein the main broadcast data is able to independently provide a basic broadcast service and the supplemental broadcast data is able to provide an extended broadcast service in combination with the main broadcast data, by using methods that are different from each other and thus the extended broadcast service may be provided.



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**A. CLASSIFICATION OF SUBJECT MATTER****H04N 7/08(2006.01)i, H04H 20/86(2008.01)i, H04N 7/015(2006.01)i, H04N 5/46(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 7/08; H04J 3/06; G11B 20/12; H04J 3/00; G11B 27/00; G11B 20/10; H04N 21/236

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: broadcast data, main, supplemental, service, encoding, different

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	KR 10-2009-0063797 A (ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE) 18 June 2009	1, 8, 13-15
A	See abstract; fig. 4; claims 1-4	2-7, 9-12
A	JP 11-225124 A (MATSUSHITA ELECTRIC IND CO LTD) 17 August 1999 See abstract; fig. 1; claims 1-3	1-15
A	JP 2006-302498 A (SONY CORP) 02 November 2006 See abstract; fig. 61; claims 1-3	1-15
A	JP 2006-216227 A (SONY CORP) 17 August 2006 See abstract; fig. 61; claims 1-5	1-15

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

\* Special categories of cited documents:

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"&amp;" document member of the same patent family

Date of the actual completion of the international search

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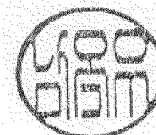
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**INTERNATIONAL SEARCH REPORT**

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
KR 10-2009-0063797 A	18.06.2009	None	
JP 11-225124 A	17.08.1999	CN 100375475 C0 CN 1239621 A0 JP 03-153188 B2 JP 3153188 B2 KR 10-0365982 B1 WO 99-16223 A1	12.03.2008 22.12.1999 26.01.2001 03.04.2001 07.02.2003 01.04.1999
JP 2006-302498 A	02.11.2006	None	
JP 2006-216227 A	17.08.2006	None	