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[Continued on next page]

(54) Title: METHOD OF EFFECTIVELY TRANSMITTING IDENTIFICATION INFORMATION OF TERMINAL DURING THE GENERATION OF DATA BLOCK

[Fig. 7]

Index	LCID values
00000- yyyyy	Identity of the logical channel
yyyyy- 1100 0	reserved
11001	CCCH Message
11010	DCCH Message with UE ID
11011	BSR with UE ID
11100	Power Headroom Report
11101	Short Buffer Status Report
11110	Long Buffer Status Report
11111	Padding

(a)

Index	LCID values
00000- yyyyy	Identity of the logical channel
yyyyy- 10111	reserved
11000	UE ID
11001	CCCH Message
11010	DCCH Message with UE ID
11011	BSR with UE ID
11100	Power Headroom Report
11101	Short Buffer Status Report
11110	Long Buffer Status Report
11111	Padding

(b)

(57) Abstract: Disclosed is a radio communication system providing a radio communication service and a terminal, namely, a method for communicating data blocks between a base station and the terminal in Evolved Universal Mobile Telecommunications System (E-UMTS) or Long Term Evolution (LTE) System evolved from UMTS, and more particularly, to a method of effectively identifying a transmitter of a data block received by a receiver.



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**A. CLASSIFICATION OF SUBJECT MATTER****H04B 7/26(2006.01)i**

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**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

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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), IEEEExplore, "preamble", "PDU", "header"

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	KR 2006-0079784 A (LG ELECTRONICS INC.) 06 Jul. 2006 See the Abstract; FIGS. 1-3; Claims 1-18.	9-11
X	WO 2007/039023 A1 (MATSUSHITA ELECTRIC IND. CO., LTD.) 12 Apr. 2007 See the Abstract; Figs. 1-12; page 8 line 18 - page 12 line 15; claims 1-31.	9-11
A	US 2004/0156330 A1 (Yi et al.) 12 Aug. 2004 See the Abstract; Figs. 10-13; paragraphs [0051] - [0070]; Claims 1-46.	1-11
A	US 2002/0009999 A1 (Lee et al.) 24 Jan. 2002 See the Abstract; Figs. 5-9; paragraphs [0037] - [0046]; Claims 1-19.	1-11

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

\* Special categories of cited documents:

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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
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