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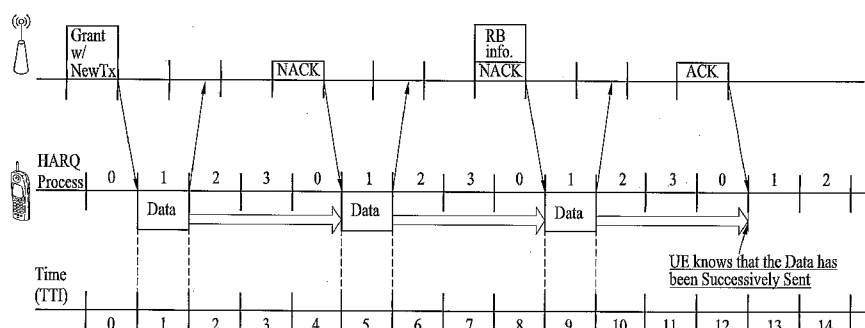
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(54) Title: METHODS FOR RETRANSMITTING DATA IN THE MULTI-CARRIER SYSTEM

FIG. 3



(57) Abstract: Methods for modifying a synchronous non-adaptive retransmission scheme to solve the limitation of the synchronous non-adaptive retransmission scheme are disclosed. A method for indicating not only the new data transmission but also the retransmission using a data scheduling message is disclosed. A method for determining whether there is an error in the ACK signal transmitted from a data reception end using another message to be received later is disclosed. The retransmission method for a multi-carrier system includes: receiving a grant message including scheduling information for transmitting uplink data wherein a retransmission scheme for the uplink data is predetermined by a first retransmission scheduling, transmitting the uplink data according to the scheduling information and retransmitting the uplink data according to second retransmission scheduling by receiving the second retransmission scheduling information associated with the uplink data with retransmission request.



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PCT/KR 2007/004831

A. CLASSIFICATION OF SUBJECT MATTER

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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)

IPC⁸: H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPODOC, WPI

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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A,P	WO 2007/078219 A1 (TELEFONAKTIEBOLAGET LM ERICSSON) 12 July 2007 (12.07.2007) <i>Abstract, page 5, line 2-page 7, line 7</i> --	1-16
A,P	WO 2007/003134 A1 (SHANGHAI ULTIMATE POWER COMMUNICATIONS TECHNOLOGY CO., LTD.) 11 January 2007 (11.01.2007) & EP 1 901 494 A1 (ENGLISH VERSION OF WO 2007/003134) <i>Columns 0027, 0029, 0031, 0032</i> --	1-16
A	US 2005/0207345 A1 (Onggosanusi et al.) 22 September 2005 (22.09.2005) <i>Whole document</i> --	1-16

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

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

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A	EP 1 545 041 A2 (ALCATEL) 22 June 2005 (22.06.2005) <i>Abstract, columns 0006 - 0011</i> -----	1-16

INTERNATIONAL SEARCH REPORT

Information on patent family members

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