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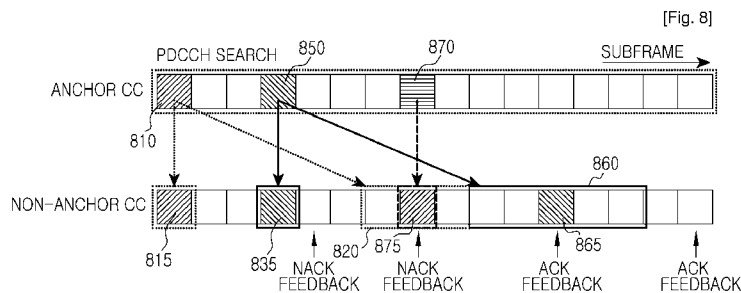
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(54) Title: APPARATUS AND METHOD FOR RESOURCE ALLOCATION INFORMATION TRANSMISSION IN MOBILE COMMUNICATION SYSTEM



(57) Abstract: An apparatus and method for resource allocation information transmission is provided. The method includes deter-
mining a search space for use in a second frequency band using resource allocation information of a first process detected in a first
frequency band, detecting resource allocation information using the search space in the second frequency band, and when failing to
decode received data according to the resource allocation information detected in the second frequency band, re-detecting re-
source allocation information of the first process in the second frequency band in a first time interval using the search space with-
out detecting the resource allocation information of the first process in the first frequency band.



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A. CLASSIFICATION OF SUBJECT MATTER**H04L 1/18(2006.01)i, H04W 72/04(2009.01)i, H04B 7/26(2006.01)i**

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

H04L 1/18; H04W 88/02; H04Q 7/00; H04L 5/06

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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) & Keywords: muti-carrier, carrier aggregation, anchor, blind decoding, HARQ;

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	KR 10-2009-0026724 A (LG ELECTRONICS INC.) 13 March 2009 See all documents.	1-15
A	US 2006-0251015 A1 (FAROOQ KHAN) 09 November 2006 See all documents.	1-15
T	WO 2010-123257 A2 (LG ELECTRONICS INC. et al.) 28 October 2010 See all documents.	1-15
T	WO 2010-127300 A2 (QUALCOMM INCORPORATED et al.) 04 November 2010 See all documents.	1-15

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

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KR 10-2009-0026724 A	13.03.2009	WO 2009-035249 A1	19.03.2009
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