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(54) Title: ACK/NACK CHANNELIZATION FOR RESOURCE BLOCKS CONTAINING BOTH ACK/NACK AND CQI

Cyclic shift	Orthogonal cover			
	OC _{index=0}	OC _{index=1}	OC _{index=2}	
0				ACK/NACK
1				
2				
3				
4				CQI
5				
6				
7				
8				
9				
10				
11				GUARD SHIFTS

FIGURE 4

(57) Abstract: In one exemplary embodiment, a method includes: transmitting a value from an access node towards an apparatus, where the value is indicative of a size of a first portion of an uplink resource block, where the uplink resource block is shared among a plurality of apparatus, where the first portion is specified for transmission of a first type of signaling to the access node, where a second portion of the uplink resource block is specified for transmission of a second type of signaling to the access node; and receiving at least one transmission using at least one of the first portion and the second portion.



INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
INV. H04L1/16 H04L5/00

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B. FIELDS SEARCHED

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

EPO-Internal, WPI Data, INSPEC, COMPENDEX, IBM-TDB

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	NEC GROUP: "Multiplexing of uplink data-non-associated control signal without data" 3GPP DRAFT; R1-072122, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, vol. RAN WG1, no. Kobe, Japan; 20070502, 2 May 2007 (2007-05-02), XP050105871 [retrieved on 2007-05-02] Section 4 ----- -/--	1-20

☒ 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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X	PANASONIC: "Indication of combination between L1/L2 control signaling and uplink data" 3RD GENERATION PARTNERSHIP PROJECT (3GPP); TECHNICAL SPECIFICATION GROUP (TSG) RADIO ACCESS NETWORK (RAN); WORKING GROUP 1 (WG1), XX, XX, vol. R1-060793, 27 March 2006 (2006-03-27), pages 1-3, XP003019431 Section 4c, Figure 1. Table 1.	1-20
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