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(54) **Title:** METHOD AND APPARATUS FOR CONTROLLING TRANSMISSION PARAMETERS ON A RANDOM ACCESS CHANNEL

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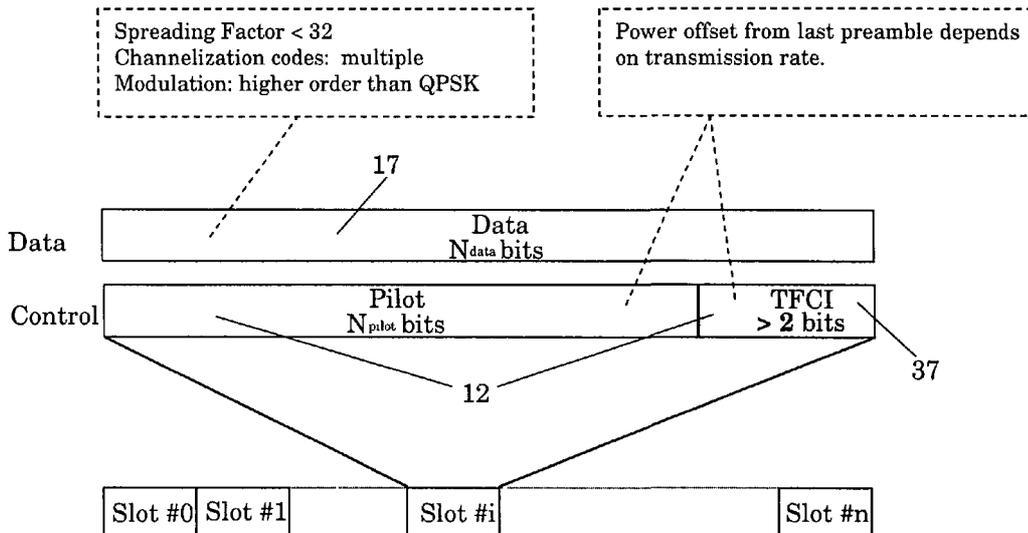


Fig. IB

(57) **Abstract:** A method and apparatus for assigning radio resources and controlling parameters for transmission over a random access channel in wireless communications by enhancing a random access channel is disclosed.

# INTERNATIONAL SEARCH REPORT

International application No

PCT/US2007/022690

**A. CLASSIFICATION OF SUBJECT MATTER**  
 INV. H04Q7/38

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)

H04Q H04B

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 practical, search terms used)

EPO-Internal , WPI Data, INSPEC

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2004/030319 A (INTERDIGITAL TECH CORP [US]) 8 April 2004 (2004-04-08) page 6, line 8 - page 13, line 14 figures 1,2	1, 12, 23, 25
X	DE 199 11 712 A1 (SIEMENS AG [DE]) 5 October 2000 (2000-10-05) column 4, lines 26-58 figure 4	1, 12, 23, 25

Further documents are listed in the continuation of Box C.

See patent family annex.

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INTERNATIONAL SEARCH REPORT

International application No

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with Indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>IIZUKA Y ET AL: "Efficient random access channel transmission method utilizing soft-combining of retransmitted message packets according to QoS"                      25 November 2002 (2002-11-25),                      COMMUNICATION SYSTEMS, 2002. ICCS 2002. THE 8TH INTERNATIONAL CONFERENCE ON NOV. 25-28, 2002; PISCATAWAY, NJ, USAJEEE, PAGE(S) 441 - 445, XP010629257                      ISBN: 978-0-7803-7510-9                      paragraph [0011]</p>	1
A	<p>NTT DOCOMO ET AL: "3GPP TSG RAN WGI Meeting #45, Random Access Channel Structure for E-UTRA Uplink"                      3RD GENERATION PARTNERSHIP PROJECT (3GPP); TECHNICAL SPECIFICATION GROUP (TSG) RADIO ACCESS NETWORK (RAN); WORKING GROUP 1 (WGI), XX, XX,                      vol. RI-061184, 8 June 2006 (2006-06-08), pages 1-13, XP003019948                      the whole document</p>	1-25
A	<p>BEHCET SARIKAYA ET AL: "Packet Mode in Wireless Networks: Overview of Transition to Third Generation"                      IEEE COMMUNICATIONS MAGAZINE, IEEE SERVICE CENTER, PISCATAWAY, US,                      vol. 38, no. 9,                      1 September 2000 (2000-09-01), pages 164-172, XP011091357                      ISSN: 0163-6804                      page 169</p>	1-25
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# INTERNATIONAL SEARCH REPORT

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