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12/615,143 9 November 2009 (09.11.2009) US(71) Applicant (for all designated States except US): **QUALCOMM Incorporated** [US/US]; Attn: International Ip Administration, 5775 Morehouse Drive, San Diego, California 92121 (US).

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Declarations under Rule 4.17:

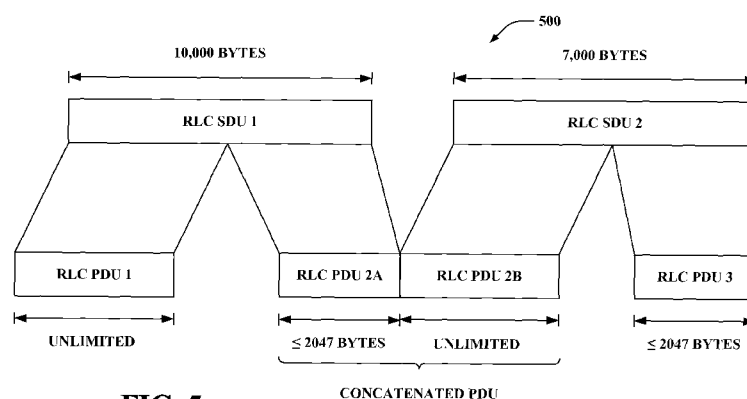
- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
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(54) Title: A METHOD AND APPARATUS FOR SUPPORTING THE LARGE SERVICE DATA UNIT (SDU)

**FIG. 5**

(57) **Abstract:** Systems and methodologies are described that segment or concatenate radio link control (RLC) service data units (SDUs) into RLC protocol data units (PDUs). In accordance with various aspects set forth herein, systems and/or methods are provided that receive a first RLC SDU, partition the first RLC SDU into a first RLC PDU and a second RLC PDU, set a length indicator (LI) field associated with the second RLC PDU to indicate the size of information contained in the second RLC PDU, concatenate the second RLC PDU with a third RLC PDU associated with a second RLC SDU to form a concatenated RLC PDU, and dispatch the first RLC PDU, the concatenated RLC PDU, and a fourth RLC PDU associated with the second RLC SDU.

INTERNATIONAL SEARCH REPORT

International application No
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A. CLASSIFICATION OF SUBJECT MATTER

INV. H04W28/06
ADD.

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)
H04W

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

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	"Universal Mobile Telecommunications System (UMTS); Radio Link Control (RLC) protocol specification (3GPP TS 25.322 version 7.7.0 Release 7); ETSI TS 125 322", ETSI STANDARD, EUROPEAN TELECOMMUNICATIONS STANDARDS INSTITUTE (ETSI), SOPHIA ANTIPOLIS CEDEX, FRANCE, vol. 3-R2, no. V7.7.0, 1 July 2008 (2008-07-01), XP014042118, chapter 4.2.1.3.1, 9.2.2.8, 9.2.2.9 -----	1-31
X	WO 00/21253 A1 (NOKIA NETWORKS OY [FI]; RINNE MIKKO J [FI]) 13 April 2000 (2000-04-13) * abstract page 5, line 29 - page 8, line 16; claim 1; figure 4 ----- -/--	1-31

☒ 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.
A	ERICSSON: "Configurable values for the minimum and maximum RLC PDU size", 3GPP DRAFT; R2-082771, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, vol. RAN WG2, no. Kansas City, USA; 20080509, 9 May 2008 (2008-05-09), XP050140357, [retrieved on 2008-05-09] the whole document -----	1-31
A	ERICSSON: "Configurable values for the minimum and maximum RLC PDU size", 3GPP DRAFT; R2-081505, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, vol. RAN WG2, no. Shenzhen, China; 20080324, 24 March 2008 (2008-03-24), XP050139246, [retrieved on 2008-03-24] the whole document -----	1-31

INTERNATIONAL SEARCH REPORT

Information on patent family members

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