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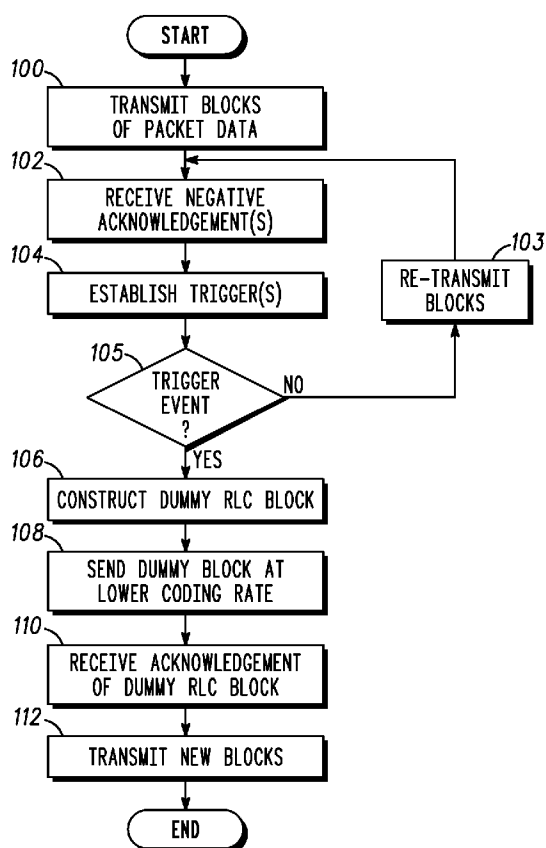
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[Continued on next page]

(54) Title: OPTIMISED PACKET DATA TRANSMISSION PROTOCOL IN A COMMUNICATION SYSTEM EMPLOYING A TRANSMISSION WINDOW



(57) Abstract: A packet data transmission protocol that uses transmission windows includes a packet control unit (PCU) (4, 8) that transmits (100) blocks of data packets from a first transmission window. A user equipment (UE) (2) sends (102) a negative acknowledgement to the PCU if the packets are not received properly, whereupon the PCU constructs (106) a dummy radio link control (RLC) block (60), including at least header information upon event of an established (104) trigger (60) event. The PCU sends (108) the dummy RLC block at a more robust coding rate to prevent a RLC stall condition.



FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL,
PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM,
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A. CLASSIFICATION OF SUBJECT MATTER

IPC: **H04Q 7/24**(2006.01)

USPC: 370/338

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)

U.S. : 370/338, 328, 329, 341, 351-354, 356, 389, 392

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)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
x	US 2005/0185579 A1 (JUNG) 25 August 2005, Figs. 1, 3, and 4, paragraphs [0060], [0062], [0065], [0069], [0072], [0074], [0086].	1-3, 5-7, and 9-10



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