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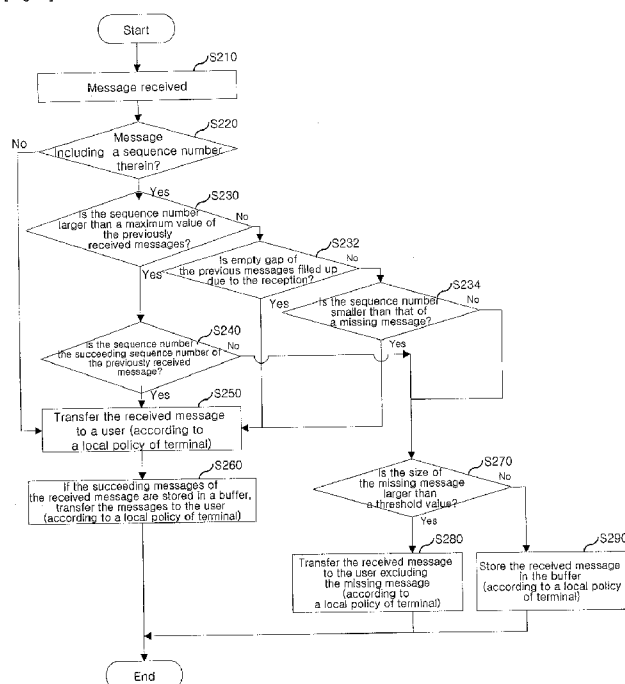
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(54) Title: METHOD AND APPARATUS FOR KEEPING ORDERS AMONG MESSAGES OF DISCRETE MEDIA TYPE IN
CPM SESSION

[Fig. 3]



(57) Abstract: Disclosed are a method and apparatus for keeping orders among messages when transmitting and receiving messages within a Converged IP Messaging (CPM) session. A message transmission and reception method in a network comprises receiving a message including sequential identification information and a cumulative size, and outputting the received message, wherein the sequential identification information is an identifier allowing identification of orders managed within a session, transmission and reception being performed in the session, and the cumulative size is the sum of sizes of messages, the messages being sent by a subject having sent the received message within the session, wherein the output order of the received message is decided based upon the sequential identification information and sequential identification information relating to messages received prior to the received message.



SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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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)

H04L 12/58; H04W 4/10

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean utility models and applications for utility models

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

eKOMPASS(KIPO internal) & Keywords: CPM, MSRP, IMS, TCP, message size, sequence number

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2008-0052406 A1 (KONG, DONG-KEON et al.) 28 February 2008 See paragraphs [44] - [55].	1-13
A	KR 10-2008-0003966 A (DREAMSOFT) 09 January 2008 See claims 1 - 6.	1,5,10
A	KR 10-2006-0067696 A (PANTECH & CURITEL COMMUNICATIONS, INC.) 20 June 2006 See claims 1 - 4.	1,5,10
A	KR 10-0643805 B1 (PANTECH CO., LTD.) 10 November 2006 See claims 1 - 5.	1,2



Further documents are listed in the continuation of Box C.



See patent family annex.

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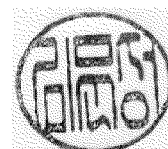
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INTERNATIONAL SEARCH REPORT

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KR 10-0643805 B1	10.11.2006	None	