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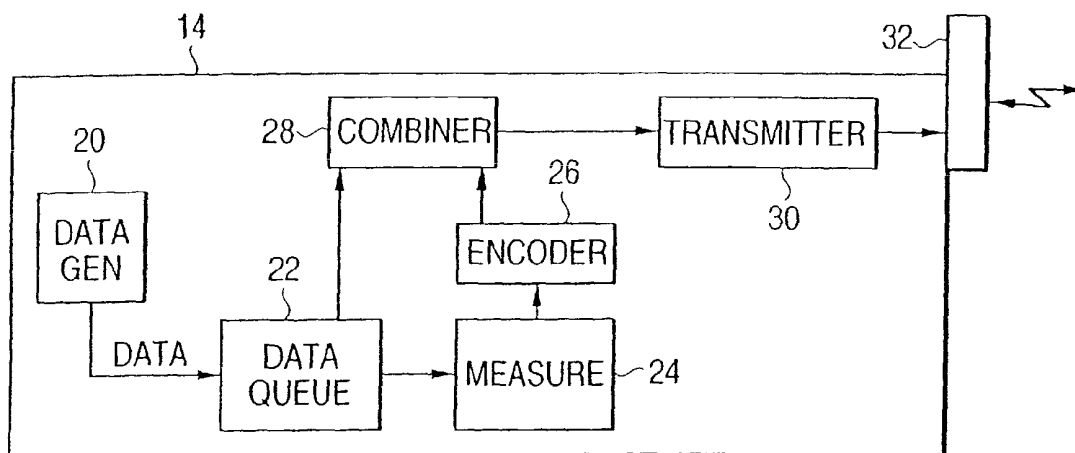
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(54) Title: SYSTEM FOR UPLINK SCHEDULING OF PACKET DATA TRAFFIC IN WIRELESS SYSTEM



(57) Abstract: A system for allocating bandwidth resources among various mobile stations which are wirelessly connected to a base station. The length of the data queue in each mobile station is determined and information regarding that length is placed in a field in the outgoing data packet. When it is received in the base station, this field is decoded and the queue length information used to allocate bandwidth resources among the mobile station connections. This allows a very quick response to data queue lengths and accordingly better service.



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## INTERNATIONAL SEARCH REPORT

International Application No

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A. CLASSIFICATION OF SUBJECT MATTER  
 IPC 7 H04Q7/38 H04L12/56

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)

IPC 7 H04L H04Q

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 A	EP 0 981 229 A (LG ELECTRONICS INC) 23 February 2000 (2000-02-23) column 2, line 10 -column 3, line 25 column 4, line 10 -column 9, line 31; figures 1,3 -----	1-3,7-10 11,12

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Further documents are listed in the continuation of box C.

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Patent family members are listed in annex.

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### Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 0981229 A	23-02-2000	EP 0981229 A2	23-02-2000