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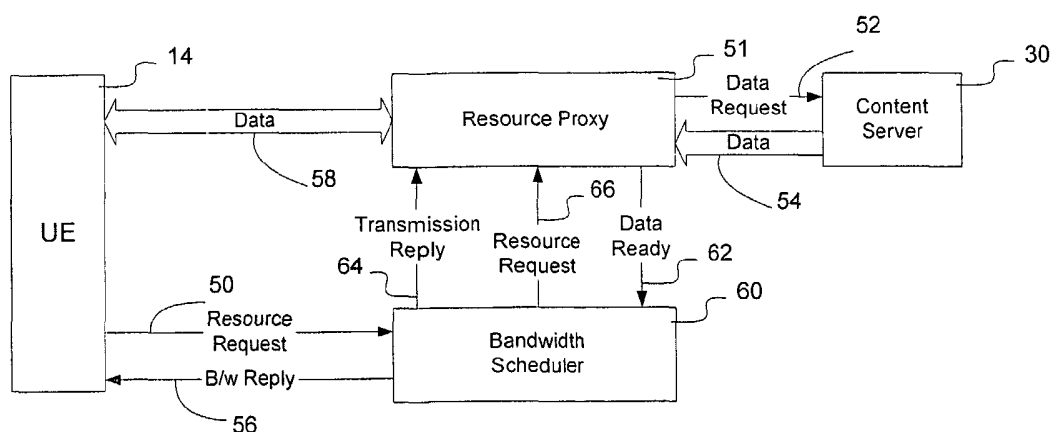
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(54) Title: METHOD AND APPARATUS FOR ACCOMMODATING HIGH BANDWIDTH DATA TRAFFIC ON A WIRELESS NETWORK



(57) **Abstract:** A low data rate wireless channel (control channel) is associated with a high speed broadcast mode wireless channel (data channel). The data channel is divided into discrete code or time slots (access slots), that are unassigned to any particular recipient until requested. If a particular user requires a particular resource, access slots are requested through the control channel, allocated to the user, and allocation information is passed back to the requesting user through the control channel. By diverting setup and control traffic to the control channel, capacity on the data channel can be freed up to enable the high-speed data channel to be dedicated to transmission of high-bandwidth traffic. Thus, scarce high-bandwidth resources can be utilized to the full extent to reduce the probability of time slots not being utilized due to scheduling conflicts and without requiring transmissions to stop to perform housekeeping functions between transmissions.

INTERNATIONAL SEARCH REPORT

International application No

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A. CLASSIFICATION OF SUBJECT MATTER
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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)

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	WO 01 17292 A (YAMAHA CORP ; TANAKA TAKAHIRO (JP)) 8 March 2001 (2001-03-08) page 10, line 19 -page 13, line 10	1,2, 4-11,14
Y	page 30, line 22 -page 33, line 10	3,12,13, 15-17
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Y	WO 00 77683 A (ENTERA INC) 21 December 2000 (2000-12-21) page 11, line 11 - line 29 page 13, line 1 - line 17 -/--	12,13



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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G document member of the same patent family

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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	EP 1 043 675 A (SONY CORP) 11 October 2000 (2000-10-11) abstract paragraph '0043! - paragraph '0046! paragraph '0066! - paragraph '0069! paragraph '0073! - paragraph '0075! paragraph '0089! - paragraph '0093! -----	1-17

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