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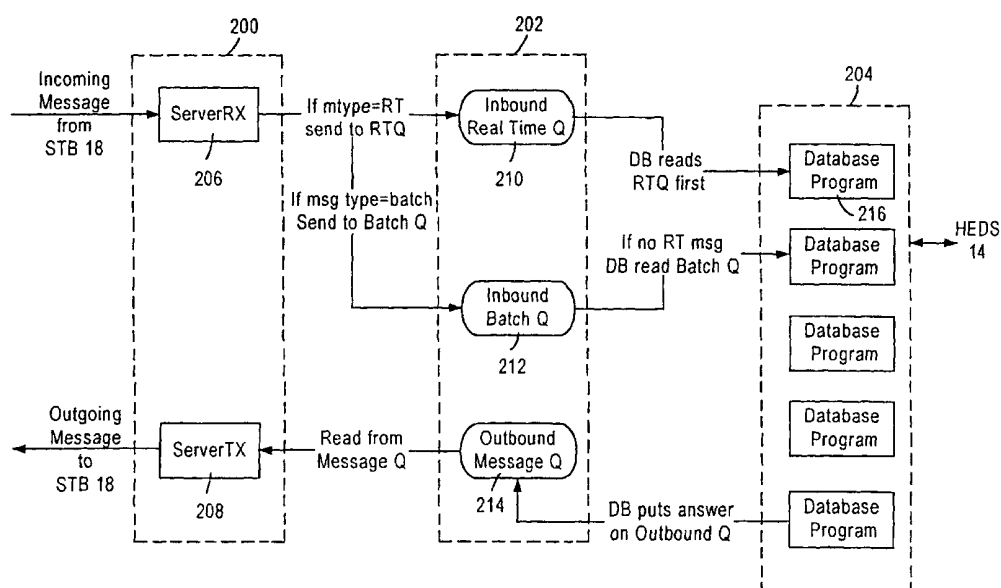
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5/00, H04L 29/06
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- (71) Applicant: COMMERCE TV CORPORATION (88) Date of publication of the international search report:  
[—/US]; 325 Wood Road, Braintree, MA 02184 (US). 17 January 2002
- (72) Inventors: LAUGHLIN, Matthew, J.; 228 River Street, Norwell, MA 02061 (US). CAMPBELL, Colin, P.; 60 Robinwood Road, Norwood, MA 02062 (US). For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: SERVICING REAL TIME REQUEST VIA A NETWORK



(57) Abstract: A system for servicing request (Incoming Request from STB18) for different types of information received in real time from multiple network devices includes a network server for transmitting data indicative of the availability of first type information and second type information simultaneously to multiple network devices. The server also receives a plurality of first requests for the first type information and a plurality of second requests for the second type information, responsive to the transmitted data. A first queue (219) queues the received plurality of first requests as high priority requests. A second queue (212) queues the received plurality of second requests as low priority requests. A processor (216) then services the requests queued in the first queue (210) prior to servicing the requests queued in the second queue (212).



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# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/US 00/23564

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 H04N7/173 H04N5/00 H04L29/06

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 H04N H04L

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, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 805 804 A (PORTER MARK A ET AL) 8 September 1998 (1998-09-08)	1,3,5,6, 9,10,12, 16
Y	column 1, line 11-15	2,7,8, 11,14,15
A	column 2, line 31-38 column 6, line 32 -column 7, line 60 column 8, line 26-58 column 9, line 65 -column 10, line 5 column 11, line 16-22 column 16, line 11-23 column 18, line 29-49 column 20, line 8-17 column 23, line 49 -column 24, line 28 --- -/--	4,13

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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\*&\* document member of the same patent family

Date of the actual completion of the international search

22 May 2001

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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.
Y A	US 5 572 442 A (JANKY JAMES M ET AL) 5 November 1996 (1996-11-05) column 7, line 27 -column 8, line 18  column 10, line 35-67 -----	2,7,8, 11,14,15 1,3,4,6, 10,12,13

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5805804 A	08-09-1998	WO 9617306 A	06-06-1996
US 5572442 A	05-11-1996	NONE	