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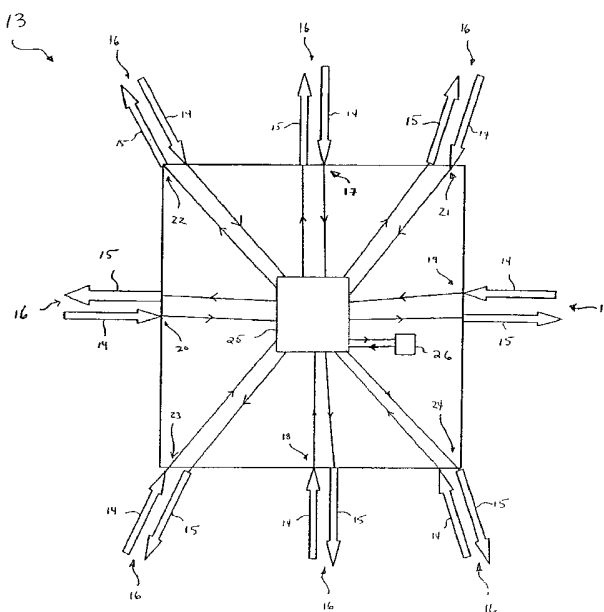
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ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: METHODS AND SYSTEMS FOR INTACT DATAGRAM ROUTING



(57) Abstract: A router (13) for routing a datagram comprising at least one input (14) operative to accept a single stream of data; a plurality of outputs (15), each output operative to transmit a single stream of data; and a processor (25). The processor (25) operative to read destination information from a datagram provided via a communicated input, determine which communicated output will advance the read datagram toward the destination indicated in the datagram, and direct the read datagram to a communicated output determined to advance the read datagram toward the read datagram's destination. The router operates without deconstructing the data portion of the datagram.

INTERNATIONAL SEARCH REPORT

International application No.

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : H04L 12/08, 12/56.
US CL : 370/389, 392, 393, 394.

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. : 370/389, 392, 393, 394.

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)
East, Router and datagram.

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X, P	US 6,330,236 B (OFEK et al) 11 December 2001 (11.12.2001), column 8, lines 30-55, column 10 lines 1-40.	1-9
A,E	US 6,456,632 B (BAUN et al) 24 September 2002 (24.09.2002), column 5 lines 25-50, column 6 lines 10-45.	1-9

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Further documents are listed in the continuation of Box C.

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See patent family annex.

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

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