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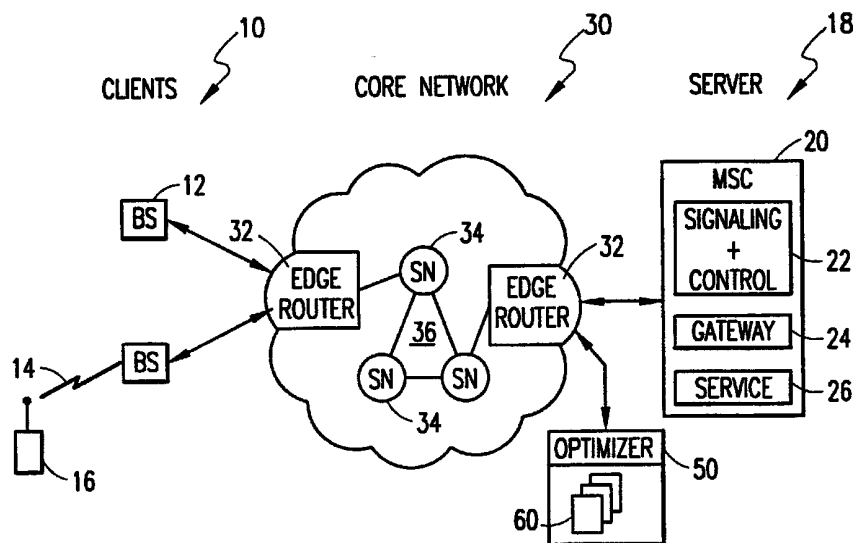
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(54) Title: OPTIMIZATION OF TOPOLOGY AND SWITCHING TECHNOLOGY IN A CORE NETWORK



(57) Abstract: Routing nodes (34) that are interconnected (36) within a communications network (30) are not configured to utilize a single type of switching technology in the context of a single type of networking topology. Responsive to data input and the operation of an expert system (50), the routing nodes are configured to implement a certain switching technology type (74) and networking technology type (72), and thus optimize portions of the communications network to handle different types of traffic (70). Traffic of the various different types may then be efficiently handled through the network by its correspondingly optimized portion.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER		
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B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by classification symbols)		
IPC7: H04Q, 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 practicable, search terms used)		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
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Y	--	5-8
X	US 5175800 A (ALEXANDRU GALIS ET AL), 29 December 1992 (29.12.92), column 9, line 23 - column 12, line 43; column 14, line 60 - line 68; column 17, line 56 - column 18, line 50, figures 10,13B,23, column 51, line 1-column 52, line 17; column 56, line 42-column 58, line 52;	1-4,13-14, 16-17
Y	--	5-8,9-12, 15-16
<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C. <input checked="" type="checkbox"/> 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 "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "I" 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 "X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family		
Date of the actual completion of the international search		Date of mailing of the international search report
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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
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SA 286791

Information on patent family members

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