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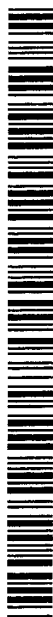


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- (71) Applicant (for all designated States except US): NAVLET.COM, INC. [US/US]; 13314 I Street, Omaha, NE 68137 (US).
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(54) Title: CONTEXT-SENSITIVE SWITCHING IN A COMPUTER NETWORK ENVIRONMENT

(57) Abstract: A conventional router can be used as a context-sensitive switch by encoding a header (e.g., a source and/or destination field of an address header) of a data packet with information descriptive of the data contained in a payload of the data packet and programming a router to route data packets based on an addressing scheme that corresponds to the encoded information in the packet header. The encoded packets are routed based on the encoded information. The descriptive information can include dynamic pricing information (e.g., bid/ask pricing), for example, for goods/services available in commerce. The addressing scheme can correspond to a classification hierarchy having multiple levels such as a category level, a topic level, and/or a sub-topic level.

INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 00/06646

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 H04L12/56 G06F17/60 G06F17/30

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 G06F

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, WPI Data, PAJ, INSPEC, IBM-TDB, COMPENDEX

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 97 19415 A (CADIS INC) 29 May 1997 (1997-05-29) abstract page 9, line 2 - line 25 page 11, line 9 - line 33 page 27, line 15 -page 35, line 30 page 40, line 7 -page 41, line 27 page 46, line 6 -page 47, line 6; figures 5,9-11,15,32-35,43	1-55, 62-85
Y	--- -/--	56-61

Further documents are listed in the continuation of box C.

Patent family members are listed in 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
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- *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
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- * & * document member of the same patent family

Date of the actual completion of the international search

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INTERNATIONAL SEARCH REPORT

Inte. onal Application No

PCT/US 00/06646

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	VOELKER G M ET AL: "MOBISAIC: AN INFORMATION SYSTEM FOR A MOBILE WIRELESS COMPUTING ENVIRONMENT" INSPEC, XP002035063 abstract page 187, left-hand column, paragraph 2 - paragraph 6	1,28,62
A	--- US 5 594 732 A (BELL ROBERT T ET AL) 14 January 1997 (1997-01-14) abstract column 8, line 34 -column 9, line 13 column 17, line 33 -column 18, line 37; figures 3-6	2-27, 29-61, 63-85
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A	--- US 5 896 379 A (HABER WILLIAM J) 20 April 1999 (1999-04-20) column 4, line 31 -column 6, line 9; figure 3	1-85
A	--- US 5 878 423 A (ANDERSON DEWEY CHARLES ET AL) 2 March 1999 (1999-03-02) abstract column 2, line 35 -column 5, line 63; figures 2,3	1-85
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International Application No
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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	BIRENBAUM E: "ADD-ON ENCAPSULATION FOR ROUTER-BASED NETWORKS CRAY'S SNA TRANSPORT PROCESSOR ENCAPSULATES SDLC AND LLC2, GIVING NET MANAGERS A WAY TO CONSOLIDATE PARALLEL BACKBONES" DATA COMMUNICATIONS,US,MCGRAW HILL. NEW YORK, vol. 23, no. 8, 21 May 1994 (1994-05-21), pages 41-42, XP000442502 ISSN: 0363-6399 the whole document -----	56-61

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