(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(54) Title: SYSTEM AND METHOD FOR SERVING A WEB SITE FROM MULTIPLE SERVERS

(57) Abstract: A system for serving web pages to a client in response to a client request specifying a resource. An originating
web server having a first address upon which the requested resource resides is coupled to obtain content from content source. The
originating web server has a request interface for receiving requests from a network and a response interface for sending responses
to the requests. A communication network is coupled to the originating web server. A front-end server is provided having a second
address and at least one interface for communicating with a client application and th eoriginating web server. The front-end server
is couped to both obtain the request-specified resources and augment the request specified resources using unspecified resources to
generate a response to the client request from the originating web server.

INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7   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   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

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	CAO P ET AL: "Cost-aware WWW proxy caching algorithms" PROCEEDINGS OF THE USENIX SYMPOSIUM ON INTERNET TECHNOLOGIES AND SYSTEMS, XX, XX, 8 December 1997 (1997-12-08), pages 193-206, XP002162125 abstract paragraph '02.2! ——— -/--	1-38

[X] 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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"P" document published prior to the international filing date but later than the priority date claimed

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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	Date of mailing of the international search report
23 September 2002	02/12/2002

Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016	Authorized officer Triest, J

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication,where appropriate, of the relevant passages	Relevant to claim No.
X	YEUNG K H ET AL: "Probability based replacement algorithm for WWW server arrays" PARALLEL AND DISTRIBUTED SYSTEMS, 1998. PROCEEDINGS. 1998 INTERNATIONAL CONFERENCE ON TAINAN, TAIWAN 14-16 DEC. 1998, LOS ALAMITOS, CA, USA,IEEE COMPUT. SOC, US, 14 December 1998 (1998-12-14), pages 670-677, XP010318674 ISBN: 0-8186-8603-0 abstract page 671, left-hand column	1-38
A	PEI CAO ET AL: "Active cache: caching dynamic contents on the Web" MIDDLEWARE. IFIP INTERNATIONAL CONFERENCE ON DISTRIBUTED SYSTEMS PLATFORMS AND OPEN DISTRIBUTED PROCESSING, XX, XX, 1998, pages 373-378, XP002200148 abstract	1-38

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