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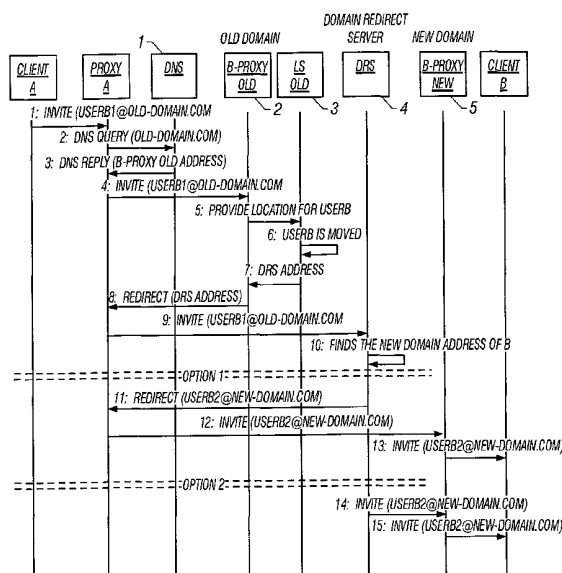
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[Continued on next page]

(54) Title: DOMAIN NAME PORTABILITY



(57) Abstract: A method and system direct, in an IP space network, a request message from a first user station to a second user station that has been ported from an old URL address to a new URL address. A domain redirect server stores data correlating the old address to the new address. The request message including the old address is sent from the first user station in the IP space network. Then, move of the second user station from the old address is detected, the URL address of the domain redirect server is provided in response to detection of this move, and the request message comprising the old address is directed to the domain redirect server. The new address of the second user station is found in the domain redirect server from his old address, and the request message is redirected to this new address.

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— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

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INTERNATIONAL SEARCH REPORT

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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

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, INSPEC, WPI Data, 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 5 751 961 A (SMYK DAREK ANDREW) 12 May 1998 (1998-05-12) column 1, line 25 -column 6, line 25; claims 1-9; figures 1-3 ---	1-30
A	BONETTI P ET AL: "Distribution of RFC 1327 mapping rules via the Internet DNS: the INFNet distributed gateway system", COMPUTER NETWORKS AND ISDN SYSTEMS, NORTH HOLLAND PUBLISHING. AMSTERDAM, NL, VOL. 27, NR. 3, PAGE(S) 461-469 XP004037979 ISSN: 0169-7552 the whole document ---	1-30
X	US 5 987 508 A (CROAK MARIAN ROGERS ET AL) 16 November 1999 (1999-11-16) column 1, line 10 -column 7, line 57; figures 1-4 -----	1-30



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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Z document member of the same patent family

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5751961	A	12-05-1998	CA 2242895 A1	07-08-1997
			EP 0878018 A1	18-11-1998
			JP 11503894 T	30-03-1999
			WO 9728553 A1	07-08-1997

US 5987508	A	16-11-1999	NONE	
