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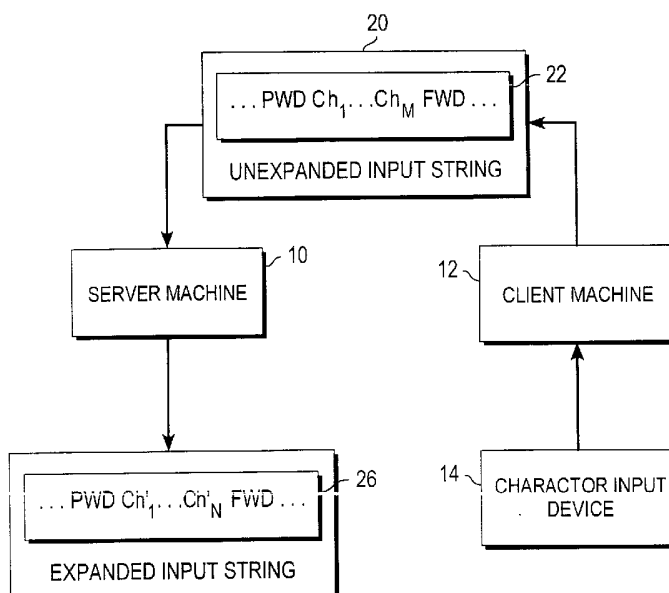
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- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

(54) Title: AUTOMATICALLY EXPANDING ABBREVIATED CHARACTER SUBSTRINGS



(57) Abstract: A server machine receives an input string of characters from a client machine, and the string includes at least one abbreviated substring preceded and followed by word delimiters. Each abbreviated substring represents an expanded substring. The server machine automatically finds one of the abbreviated substrings based on the preceding and following word delimiters, determines that it is one of a set of abbreviated substrings, and produces an expanded version of the string of characters with the abbreviated substring replaced by its expanded substring. The case of the beginning character of the expanded substring can be the same as that of abbreviated substring. The expanded substring can depend on time, such as the current time.

INTERNATIONAL SEARCH REPORT

International ation No
PCT/US 00/25883

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G06F17/30 H04L29/12

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 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, WPI Data, PAJ, IBM-TDB, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 896 321 A (MILLER JOHN W ET AL) 20 April 1999 (1999-04-20) abstract	1,2,4
Y	column 1, paragraph 1 - paragraph 5	5-8, 12-15
A	column 9, line 61 -column 10, line 11 column 11, paragraph 3 column 14, paragraph 4	3,9-11, 16-18
Y	US 5 623 406 A (ICHBIAH JEAN D) 22 April 1997 (1997-04-22) column 6, line 40 -column 7, line 17 column 16, line 45 - line 65	5-8, 12-15

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5896321	A	20-04-1999	NONE
US 5623406	A	22-04-1997	NONE