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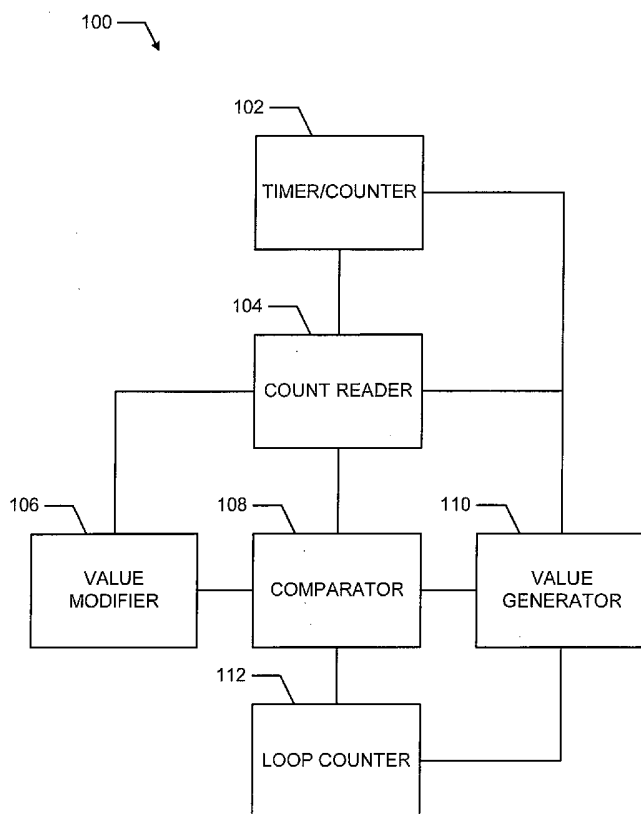
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[Continued on next page]

(54) **Title:** METHODS AND APPARATUS FOR GENERATING A DELAY USING A COUNTER



(57) **Abstract:** Methods, apparatus, and articles of manufacture for generating a delay time using a counter are disclosed. In particular, the methods, apparatus, and articles of manufacture determine a number of loops value associated with the delay time and at least one characteristic value associated with a counter. A remaining count value is then determined based on the number of loops value. The delay time is generated with the counter based on the number of loops value and the remaining count value.

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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)  
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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, IBM-TDB, 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 6 064 646 A (SHAL ET AL) 16 May 2000 (2000-05-16) the whole document	1-40
A	JP 06 060201 A (NEC CORP) 4 March 1994 (1994-03-04) abstract	1-40

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

☒ Patent family members are listed in annex.

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6064646	A	16-05-2000	NONE	
JP 6060201	A	04-03-1994	JP 3225613 B2	05-11-2001