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(54) Title: INTEGRATED CRYPTOGRAPHIC SECURITY MODULE FOR A NETWORK NODE

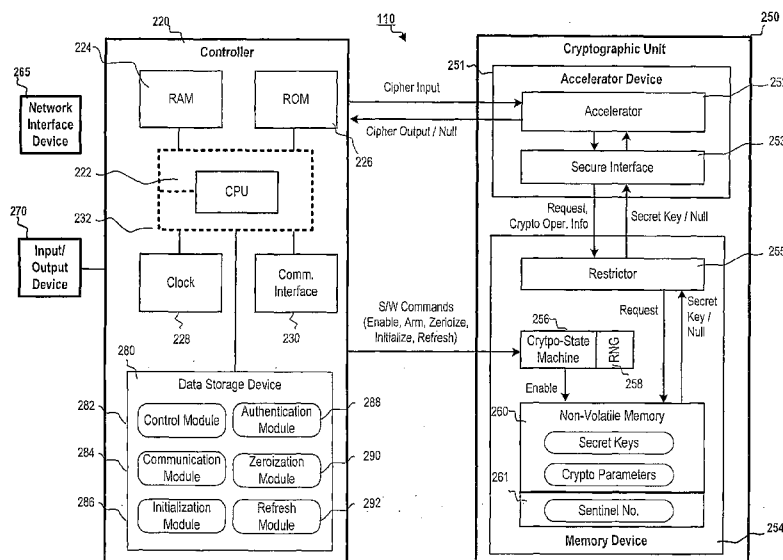


FIG. 2

(57) Abstract: A system that provides a cryptographic unit that generates secret keys that are not directly accessible to software executed by a controller. The cryptographic unit can include a restrictor device, a finite state machine, a random number generator communicatively and a memory. The memory stores values generated by the random number generator. The restrictor device and the finite state machine include hardware logic that restricts access or changes to the contents of the memory.

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B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by classification symbols) 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		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01/29652 A2 (ACCELERATED ENCRYPTION PROC LT [IE]; FAIRCLOUGH CHRISTOPHER [IE]; FLAN) 26 April 2001 (2001-04-26) abstract page 3 - page 5 claims 1-23	1-24
A	----- US 4 924 515 A (MATYAS STEPHEN M [US] ET AL) 8 May 1990 (1990-05-08) abstract column 6	1-24
A	----- US 2005/278549 A1 (TORLA MICHAEL J [US] ET AL) 15 December 2005 (2005-12-15) abstract page 1 -----	1-24
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input checked="" type="checkbox"/> See patent family annex.		
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"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family	
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INTERNATIONAL SEARCH REPORT

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