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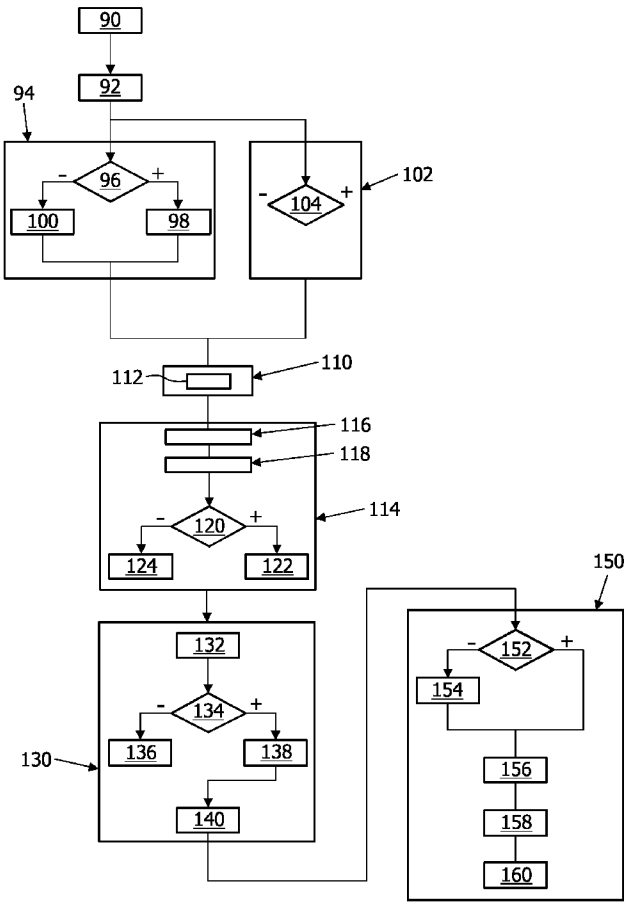
[Continued on next page]

(54) Title: A SECURE TERMINAL, A ROUTINE AND A METHOD OF PROTECTING A SECRET KEY



(57) Abstract: The method of protecting a secret key from being read by a non-secure software application, comprises a step (94) of recording the secret key as a routine stored in an executable-only memory. The routine having: load instructions to load the secret key into a memory readable by a secure and a non-secure software application, if the routine is called by the secure software application, and control instructions to leave only dummy data instead of the secret key in the readable memory if the software application calling the executable-only routine is the non-secure software application.

WO 2007/015204 A3

FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
INV. G06F21/02 G06F21/24

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)
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.
A	US 6 704 871 B1 (KAPLAN MICHAEL M [US] ET AL) 9 March 2004 (2004-03-09) column 9, line 33 - line 67 column 76, line 38 - line 48 column 82, line 36 - line 54	1-15
A	WO 03/027815 A (INFINEON TECHNOLOGIES AG [DE]; ROHM PETER [DE]) 3 April 2003 (2003-04-03) the whole document	1-15

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

☒ See patent family annex.

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Date of the actual completion of the international search	Date of mailing of the international search report
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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 6704871 B1	09-03-2004	NONE	
WO 03027815 A	03-04-2003	DE 10146516 A1	24-04-2003
		EP 1428105 A2	16-06-2004
		US 2005108488 A1	19-05-2005