Title: SYSTEM FOR AND METHOD OF REMOTE SECURE BACKUP

Abstract: Systems and methods for registering a module for backup, backing up a module, and restoring a backed up module are provided. In one embodiment, a method of securely registering a module for backup comprises provisioning a module, generating a backup key for the module, encrypting the backup key using an export key, transmitting the encrypted backup key and other information to a backup center, and storing the encrypted backup key and the other information with the backup center. The module comprises at least one nonvolatile memory and a processor.
Published: with international search report (Art. 21(3))

(88) Date of publication of the international search report:
21 April 2016
INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - G 06 F 12/14 (2009.01)

USPC - 713/193

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)

USPC - 713/193

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

USPC - 713/160, 168, 193, 726/26

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

Dialog Classic (Chinese Pat Abstr Derwent Index, EPFT, French Pat, Jap Abstr, USPFT, WIPO/PCT/PFT); Google Scholar; Terms searched: AUXILIARY, BACKUP, BLOCK, CENTER, CIPHER, COMPUT, CPU, CYPHER, DESTROY, ENCIPHER, ENCOD, ENCRYPT, EXPORT, FLASH, FLOPPY DISK, HARD DRIVE, KEY, LACK, MASTER, MEMOR, MODULE, NONVOLATILE, POWER...

C. DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
<thead>
<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>US 5,892,900 A (Ginter et al.) 06 April 1999 (06.04.1999); entire document</td>
<td>1-20</td>
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<tr>
<td>A</td>
<td>US 2008/0016307 A1 (Takano et al.) 17 January 2008 (17.01.2008); entire document</td>
<td>1-20</td>
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<tr>
<td>A</td>
<td>US 2008/0076355 A1 (Waltermann et al.) 27 March 2008 (27.03.2008); entire document</td>
<td>1-20</td>
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</tbody>
</table>

Further documents are listed in the continuation of Box C.

"A" special categories of cited documents:

"L" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

Date of the actual completion of the international search

03 September 2009 (03.09.2009)

Date of mailing of the international search report

15 SEP 2009

Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US, Commissioner for Patents
P.O. Box 1450, Alexandria, Virginia 22313-1450
Facsimile No. 571-273-3201

Authorized officer:

Lee W. Young
PCT Helpdesk: 571-272-4100
PCT OSP: 571-272-7774

Form PCT/ISA/2 10 (second sheet) (July 2009)