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(54) Title: SYSTEM FOR AND METHOD OF REMOTE SECURE BACKUP

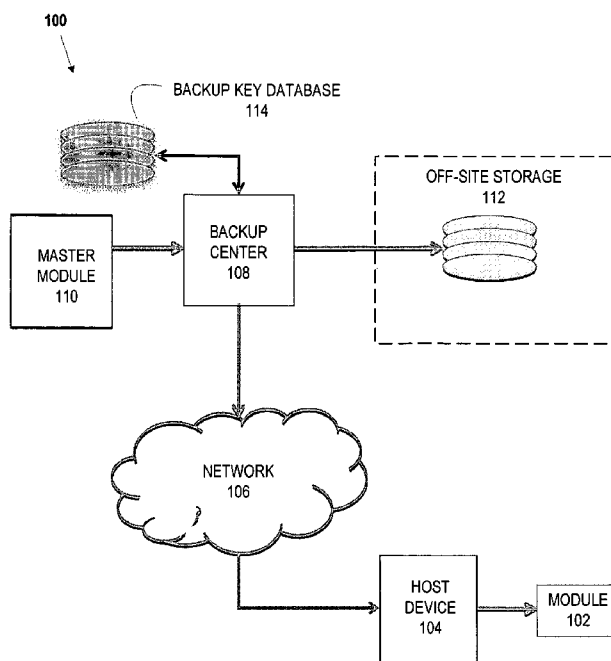


FIG. 1

(57) 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.



FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK,
MT, NL, NO, PL, PT, RO, SE, SI, SK, SM, TR), OAPI
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A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - G06F 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

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 7,240,219 B2 (Teicher et al.) 03 July 2007 (03.07.2007); entire document, especially: figs 1-16; col 1, ln 54-56; col 2, ln 13, 30-31, 35-36, 51, 57-59; col 3, ln 1, 9-10, 24-26, 38-40, 50-51; col 4, ln 5-14, 18-20, 31-37, 40-44, 51-55, 57, 60-67; col 5, ln 4, 28-35, 39, 43-46, 52-54, 61-67; col 7, ln 14, 16-17, 22, 26, 28-34, 51-67; col 8, ln 4-7, 31-43, 50-53, 60-67; col 9, ln 1-4, 45, 47, 59, 62; col 11, ln 63-67; col 14, ln 4-5, 12, 17, 23-28, 37-54	1-20
A	US 5,892,900 A (Ginter et al.) 06 April 1999 (06.04.1999); entire document	1-20
A	US 2006/0288232 A1 (Ho et al.) 21 December 2006 (21.12.2006); entire document	1-20
A	US 2008/0016307 A1 (Takano et al.) 17 January 2008 (17.01.2008); entire document	1-20
A	US 2008/0027868 A1 (Ljung et al.) 31 January 2008 (31.01.2008); entire document	1-20
A	US 2008/0076355 A1 (Waltermann et al.) 27 March 2008 (27.03.2008); entire document	1-20

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"&" document member of the same patent family

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