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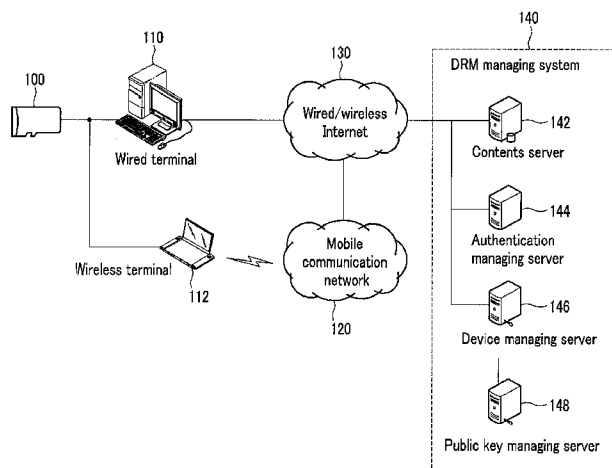
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(54) Title: METHOD AND SYSTEM FOR SHARING CONTENTS WITH REMOVABLE STORAGE

[FIG. 1]



(57) Abstract: The present invention relates to contents sharing method and system using an external memory. A method for transmitting encrypted contents to an external memory device list includes receiving a device list and public keys for devices, encrypting a domain key by using a public key to generate at least one device domain key, and transmitting the device domain key to the external memory. The method for performing encrypted contents further includes checking a public key of a device, extracting a device domain key corresponding to a public key checked by at least one device domain key stored in an external memory, decoding the extracted device domain key, decoding the encrypted contents by using the decoded device domain key, and performing the decoded encrypted contents. According to the present invention, since a single piece of contents stored in an external memory is reproducible by a plurality of devices, the existing problem of repeatedly settling the single piece of contents is solved and external memory resources are efficiently used.



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INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR2008/003555**A. CLASSIFICATION OF SUBJECT MATTER****G06F 17/00(2006.01)i**

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)

IPC8 G06F19/00, G06F17/00, G06Q10/00-99/00

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

Korean Utility models and applications for Utility models since 1975
Japanese Utility models and applications for Utility models since 1975

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

PAJ, FPD, USPAT, eKIPASS "Keyword: content, encryption, decryption, external memory, key"

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 2002-092188 A (PENMAN CO.) 29 MARCH 2002. See the abstract; page 2, paragraph [0001] - page 5, paragraph [0030]; figures 2-4.	1-12
Y	KR 10-2005-0025201 A (AISMANIANSI INC.) 14 MARCH 2005. See the abstract; page 3, line 55 - page 7, line 26; figure 3.	1-12
A	US 5,944,794 A (OKAMOTO, TOSHIO et al.) 31 AUGUST 1999. See the abstract; column 3, line 2 - column 31, line 3; figures 4-11.	1-12
A	US 2007/0115344 A1 (PARK, YEON WOO, et al.) 24 MAY 2007. See the abstract; column 4, line 25 - column 10, line 13; figures 4, 9-11.	1-12

 Further documents are listed in the continuation of Box C. See patent family annex.

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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