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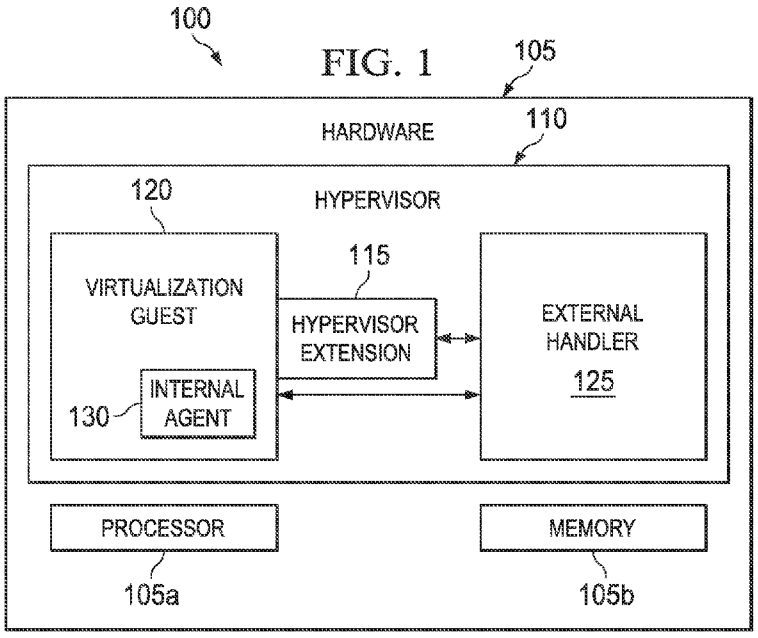
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[Continued on next page]

(54) **Title**: SYSTEM AND METHOD FOR VIRTUAL PARTITION MONITORING



(57) **Abstract**: A method is provided in one example embodiment that includes rebasing a module in a virtual partition to load at a fixed address and storing a hash of a page of memory associated with the fixed address. An external handler may receive a notification associated with an event affecting the page. An internal agent within the virtual partition can execute a task and return results based on the task to the external handler, and a policy action may be taken based on the results returned by the internal agent. In some embodiments, a code portion and a data portion of the page can be identified and only a hash of the code portion is stored.

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Declarations under Rule 4.17:

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— *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

Published:

— *with international search report (Art. 21(3))*

— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))*

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A. CLASSIFICATION OF SUBJECT MATTER

G06F 9/06(2006.01)i, G06F 9/30(2006.01)i, G06F 9/44(2006.01)i, G06F 12/08(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)
G06F 9/06; G06F 15/16; G06F 9/455; G06F 13/28; G06F 11/00; G06F 21/00; G06F 12/08

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
Japanese utility models and applications for utility models

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
eKOMPASS(KIPO internal) & Keywords: virtualization, hypervisor, hash, external, code

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2010-0251238 A1 (SCHUBA CHRISTOPH L. et al.) 30 September 2010 See paragraphs [0005]-[0015] and claims 1-10	1-20
Y	US 2011-0167472 A1 (EVANS JAMES B. et al.) 07 July 2011 See paragraphs [0197]-[0200], [0477]-[0507], [0561] and claims 1-4	1-20
A	US 2010-0306769 A1 (SCHNEIDER JAMES P.) 02 December 2010 See paragraphs [0015]-[0020] and claims 1-10	1-20
A	US 2009-0327576 A1 (OSHINS JACOB) 31 December 2009 See paragraphs [0049]-[0050] and claims 1-4	1-20

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

☒ See patent family annex.

* Special categories of cited documents:
"A" document defining the general state of the art which is not considered to be of particular relevance
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"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
"T" 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
"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents,such combination being obvious to a person skilled in the art
"&" document member of the same patent family

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

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