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[Continued on next page]

(54) Title: CANCER DIAGNOSIS AND IMAGING

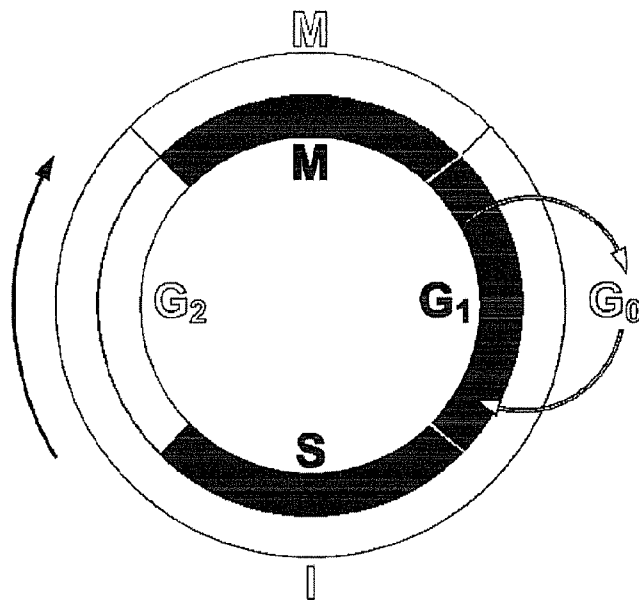


Figure 1

(57) Abstract: The present invention provides a method for imaging a disease or condition in a mammal which includes the steps of; administering a therapeutically effective amount of a cell cycle inhibitor to effectively stop proliferation of eukaryotic cells at a cell cycle checkpoint between the G1 and S phase, stopping administration of the cell cycle inhibitor for a period of time, administering a marker to the mammal and imaging the mammal.

**Declarations under Rule 4.17:**

- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*
- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*
- *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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INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2011/026416**A. CLASSIFICATION OF SUBJECT MATTER****A61B 5/055(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)

A61B 5/055; A61K 49/14; A61K 31/513; A61K 31/7068; A61K 51/00; A61K 31/65; A61P 25/28

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: inhibit cell proliferation, image

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2006-0057063 A1 (TERENCE LAPPIN et al.) 16 March 2006 See abstract, paragraph [0047]-[0048],[0073] and claims 1,6,10,12	1-18
A	US 2002-0165199 A1 (RAYMOND W. KLECKER et al.) 07 November 2002 See abstract, paragraph [0019],[0022],[0072] and claims 5-7,30	1-18
A	US 2008-0139517 A1 (REISBERG BARRY) 12 June 2008 See abstract, paragraph [0007],[0010],[0086] and claims 1-3	1-18

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

* Special categories of cited documents:

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"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

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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