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DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

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- 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))

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(54) Title: METHODS, COMPOSITIONS, AND KITS FOR DETERMINING HUMAN IMMUNODEFICIENCY VIRUS (HIV)

(57) Abstract: The present invention relates to compositions, methods, and kits for determining the presence or absence of HIV in a sample, in particular for determining HI V- 1 group M, HIV- 1 group O, and/or HIV-2, in particular for simultaneous determining of HIV- 1 group M, HIV- 1 group O, and H IV-2.



A. CLASSIFICATION OF SUBJECT MATTER*C12N 15/11(2006.01)i, C12Q 1/68(2006.01)i, C12Q 1/04(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)

C12N 15/11; C12P 19/34; C12N 15/10; C12N 15/09; C12Q 1/70; A61K 31/7088; C12Q 1/68; A61K 31/7084

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: determining the presence or absence of HIV, universal nucleotide, cytidine analog

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 2010-080582 A2 (ABBOTT LABORATORIES) 15 July 2010. See abstract, claims 1, 5, 6, 15.	1-10
A	WO 2008-051039 A1 (SEEGENE, INC.) 02 May 2008. See abstract, claims 1, 2, 18, 19.	1-10
A	US 2004-0121313 A1 (DAVID J. ECKER et al.) 24 June 2004. See abstract, claims 1, 5, 16, 17, 19, 20.	1-10
A	US 2011-0009471 A1 (MASAKATSU KANEKO et al.) 13 January 2011. See abstract, claims 1, 21, paragraph 0047.	1-10
A	ARIMONDO, PB. et al., 'Exploring the Cellular Activity of Camptothecine-Triple-Helix-Forming Oligonucleotide Conjugates' , Mol Cell Biol., vol. 6, issue.1, pp.324-333(January 2006). See abstract, figure 1.	1-10



Further documents are listed in the continuation of Box C.



See patent family annex.

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"&" document member of the same patent family

Date of the actual completion of the international search

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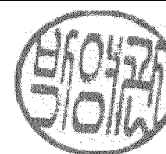
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