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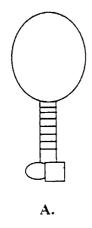
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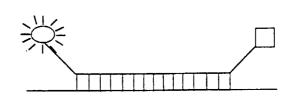
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: UNIVERSAL MULTI-VARIANT DETECTION SYSTEM





В.

Molecular Beacon

(57) Abstract: The present invention provides a method to diagnostically detect the variants of a given pathogen, such as HIV, hepatitis C, hepatitis B (HBV), Parvovirus B19, etc., with the use of a single detection probe.



INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : C12Q 1/68; C12P 19/34; C07H 21/02 US CL : 435/6, 91.1, 91.2; 536/23.1		
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) U.S.: 435/6, 91.1, 91.2; 536/23.1		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Please See Continuation Sheet		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category * Citation of document, with indication, where	appropriate, of the relevant passages Relevant to claim No.	
Y US 6,150,097 A (TYAGI et al) 21 November 200	0 (21.11.2000), see entire document. 1-36	
Y US 6,117,635 A (NAZARENKO et al) 12 Septem document.	1-50	
Further documents are listed in the continuation of Box C.	See patent family annex.	
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Date of the actual completion of the international search	Date of mailing of the international search report	
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Name and mailing address of the ISA/US Commissioner of Patents and Trademarks Box PCT Washington, D.C. 20231	Authorized officer Young J. Kim	
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NTERNATIONAL SEARCH REPORT	PCT/US02/12035
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Continuation of B. FIELDS SEARCHED Item 3: EAST Patent Database (USPT, USPGP, EPO, JPO, DERWENT, IBM-TDB) Search terms: PCR, polymerase chain reaction, amplification, molecular beacons	, becon probes, HIV, HCV, HBV.
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