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**Declaration under Rule 4.17:**

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(54) Title: HELICASE DEPENDENT AMPLIFICATION OF NUCLEIC ACIDS

(57) Abstract: Methods and a kit are provided for selectively and exponentially amplifying nucleic acids and include the use of a helicase preparation and a DNA polymerase such that the amplification can be performed isothermally.



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US CL : 435/6, 91.1, 183; 536/23.1, 24.33

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)

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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)

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**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X --- Y	WO 99/37820 A1 (SAIGENE CORPORATION) 29 July 1999 (29.07.1999), see whole document, especially pages 2 and 10-13.	1-16, 20-25, 28-30, 35, 40-46 and 48 ----- 17-19, 26-27, 31-34, 36-39, 47 and 49-50
X --- Y	WO 00/41524 A2 (PRESIDENT AND FELLOWS OF HARVARD COLLEGE) 20 July 2000 (20.07.2000), see whole document, especially pages 3-4, 7 and 14.	1-16, 31-32, 40-46 and 48 ----- 17-30, 33-39, 47 and 49-50
A	US 6,306,588B1 (SOLUS et al.) 23 October 2001 (23.10.2001), see whole document, especially column 3.	1-50

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