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(54) Title: SURFACE ACOUSTIC WAVE SENSORS AND METHODS FOR DETECTING TARGET ANALYTES

(57) Abstract: The present invention relates generally to methods and compositions for analyzing binding molecules including proteins and nucleic acid molecules. In addition the invention relates to the use of surface acoustic wave sensors that rely on non-fluorescent detection system consisting of a sensor using propagation of surface acoustic waves for detection of a wide variety of biological-based assays.



WO 2003/100413 A3

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

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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 practical, search terms used)

EPO-Internal, BIOSIS, WPI Data, PAJ, MEDLINE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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Y	--- ZHAI JUNHUI CUI HING ET AL: "DNA based biosensors." BIOTECHNOLOGY ADVANCES, vol. 15, no. 1, 1997, pages 43-58, XP002253751 ISSN: 0734-9750 page 52, paragraph 3 -page 53, paragraph 2 abstract	1-10
Y	--- US 5 846 708 A (KOSICKI BERNARD B ET AL) 8 December 1998 (1998-12-08) column 8, line 29 - line 56; figures 21,23 --- -/--	1-10

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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INTERNATIONAL SEARCH REPORT

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