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(54) Title: AMPEROMETRIC SENSOR

(57) Abstract: An amperometric sensor suitable for determining the concentration of hydrogen peroxide in a sample, said sensor comprising a ferricyanide compound which, in reduced form, functions as a mediator specific to hydrogen peroxide.

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB 00/02504

**A. CLASSIFICATION OF SUBJECT MATTER**

IPC 7 C12Q1/00

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)

IPC 7 C12Q

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, WPI Data, PAJ, CHEM ABS Data, EMBASE, MEDLINE, BIOSIS

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 400 918 A (NAKANO VINEGAR CO LTD) 5 December 1990 (1990-12-05)	1,2,4,5, 14,15,17
Y	the whole document	3,7-13, 16,18-21
X	--- DATABASE CHEMABS 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; SHIIKI, MIKIO ET AL: "Ethanol sensor using alcohol dehydrogenase" retrieved from STN Database accession no. 117:61987 CA XP002164342 abstract & JP 04 070558 A (YAMAGUCHI-KEN, JAPAN) 5 March 1992 (1992-03-05) --- -/--	1,2,4-6, 14,15,17

Further documents are listed in the continuation of box C.

Patent family members are listed in 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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International Application No

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
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Y	<p>DATABASE CHEMABS 'Online!            CHEMICAL ABSTRACTS SERVICE, COLUMBUS,            OHIO, US;            SVITEL, JURAJ ET AL: "Composite biosensor            for sulfite assay. Use of water-insoluble            hexacyanoferrate(III) salts as            electron-transfer mediators"            retrieved from STN            Database accession no. 129:257226 CA            XP002164341            cited in the application            abstract            &amp; ELECTROANALYSIS (1998), 10(9), 591-596 ,</p>	3,7-13, 16,18-21
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