Title: STABILIZING PEROXIDES WITH STANNOUS HALIDES

Abstract: The invention relates to stannous halide stabilized and/or enhanced alkaline solutions to be used in combination with colorimetric, luminescent and fluorescent assays. The buffered solutions stabilize hydrogen peroxide at a pH greater than 7.0 and preferably greater than 9.0. By stabilizing and/or enhancing hydrogen peroxide in the buffer system, the compositions used in such assays may have a higher shelf-life and provide enhanced detection of the subject analyte.
**INTERNATIONAL SEARCH REPORT**

**A. CLASSIFICATION OF SUBJECT MATTER**

IPC(7) : C12N 0/96; C12Q 1/28

US CL: 435/7.92, 26, 188, 810, 968, 975

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. : 435/7.92, 26, 188, 810, 968, 975

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)

WEST, DERWENT, BIOSIS, HCAPLUS

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

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<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
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* Further documents are listed in the continuation of Box C.  
** See patent family annex.

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<th>Date of the actual completion of the international search</th>
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<td>1 DEC 2002</td>
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**International application No.**

PCT/US02/14468

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