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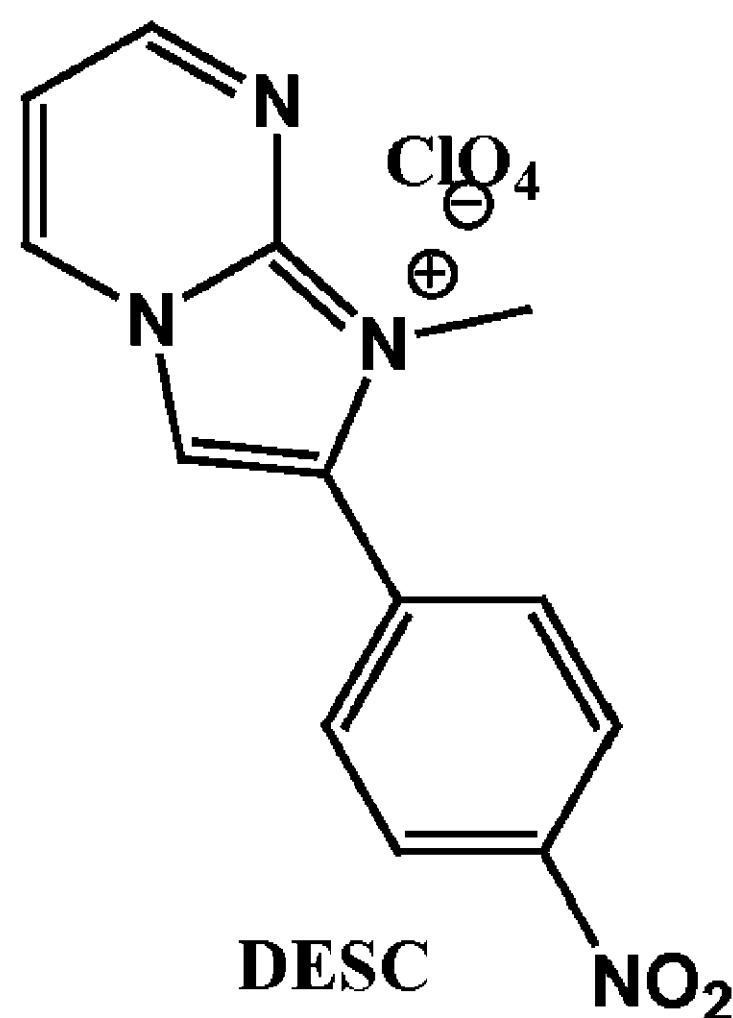


Fig. 2

(57) Abstract: The present invention concerns a novel method and kit system for the detection of solid-phase bound primary amines, secondary amines, or thiol groups comprising adding a fluid to said substrate and further comprising adding a novel reagents to said substrate and recording a colour reaction on said substrate that comprise said amine or said thiol groups. The method and kit of present invention can be used for the quantitative determination of organic substituents with primary or secondary amines or with thiol groups immobilized on or in insoluble materials.

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

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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, WPI Data, BIOSIS, COMPENDEX, EMBASE, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>SHAH A ET AL.: "Development of colorimetric method for the detection of amines bound to support" ANALYTICAL COMMUNICATIONS, vol. 34, no. 11, November 1997 (1997-11), pages 325-328, XP009109221 ISSN: 1359-7337 abstract; figures 1-9</p>	1-41
A	<p>GB 2 200 989 A (MILES INC MILES INC [US]) 17 August 1988 (1988-08-17) abstract; claims 1-14</p>	1-41

Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents:

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- 'E' earlier document but published on or after the international filing date
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International application No

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>CROWLEY K ET AL.: "A gas-phase colorimetric sensor for the detection of amine spoilage products in packaged fish" PROCEEDINGS OF IEEE SENSORS - PROCEEDINGS OF THE FOURTH IEEE CONFERENCE ON SENSORS,; 31 October 2005 (2005-10-31), pages 754-757, XP010899764 INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS INC. US, abstract; table I</p> <p>-----</p>	1-41
P,X	<p>CLAERHOUT STUN ET AL.: "A new colorimetric test for solid-phase amines and thiols." JOURNAL OF COMBINATORIAL CHEMISTRY, vol. 10, no. 4, 11 June 2008 (2008-06-11), pages 580-585, XP009109192 A.C.S. (July-August 2008) ISSN: 1520-4774 the whole document</p> <p>-----</p>	1-41

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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			DE 3703081 A1 11-08-1988
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