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(71) Applicant: **APPLERA CORPORATION** [US/US]; 500
Old Connecticut Path, Framingham, MA 01701 (US).

(72) Inventors: **PAPPIN, Darryl, J.**; 391 Burroughs Road,
Boxborough, MA 01719 (US). **ROSS, Philip, L.**; 45 Pic-
cadilly Way, Westborough, MA 01581 (US). **GUERTIN,**
Steven, R.; 83 Graham Street, Lunenburg, MA 01462
(US).

(74) Agent: **GILDEA, Brian, D.**; Applied Biosystems, 35
DeAngelo Drive, Bedford, MA 01730 (US).

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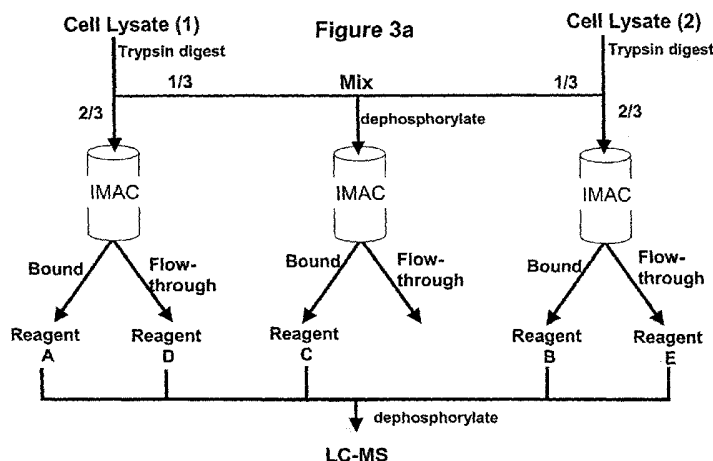
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(54) Title: DETERMINATION OF ANALYTE CHARACTERISTICS BASED UPON BINDING PROPERTIES



(57) Abstract: Embodiments of the present invention relate to the determination of analyte characteristics based upon binding prop-
erties using mass analysis and differential labeling reagents.

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US2005/006457

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G01N33/68

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 G01N

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, BIOSIS, EMBASE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	BONENFANT DEBORA ET AL: "Quantitation of changes in protein phosphorylation: A simple method based on stable isotope labeling and mass spectrometry." PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, vol. 100, no. 3, 4 February 2003 (2003-02-04), pages 880-885, XP002330269 ISSN: 0027-8424 the whole document figure 2	1-34
X	US 2003/153007 A1 (CHEN JIAN ET AL) 14 August 2003 (2003-08-14) the whole document paragraphs '0237! - '0248! paragraph '0094!	1-34

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Jenkins, G

INTERNATIONAL SEARCH REPORT

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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.
X	<p>GOSHE M B ET AL: "Phosphoprotein isotope-coded affinity tag approach for isolating and quantitating phosphopeptides in proteome-wide analyses"</p> <p>ANALYTICAL CHEMISTRY, AMERICAN CHEMICAL SOCIETY. COLUMBUS, US, vol. 73, no. 11, 1 June 2001 (2001-06-01), pages 2578-2586, XP002216845 ISSN: 0003-2700 the whole document figures 1,2</p>	1-34
A	<p>SECHI S ET AL: "QUANTITATIVE PROTEOMICS USING MASS SPECTROMETRY"</p> <p>CURRENT OPINION IN CHEMICAL BIOLOGY, CURRENT BIOLOGY LTD, LONDON, GB, vol. 7, no. 1, February 2003 (2003-02), pages 70-77, XP009020300 ISSN: 1367-5931 the whole document figure 1 table 1</p>	1-34
A	<p>AEBERSOLD R ET AL: "Mass spectrometry in proteomics"</p> <p>CHEMICAL REVIEWS, AMERICAN CHEMICAL SOCIETY. EASTON, US, vol. 101, no. 2, February 2001 (2001-02), pages 269-295, XP002306061 ISSN: 0009-2665 cited in the application the whole document</p>	1-34

INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2003153007 A1	14-08-2003	AU 2002364363 A1	24-07-2003
		CA 2471582 A1	17-07-2003
		EP 1468287 A2	20-10-2004
		WO 03057845 A2	17-07-2003