



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	BARR J R ET AL: "Isotope dilution-mass spectrometric quantification of specific proteins: model application with apolipoprotein A-I" CLINICAL CHEMISTRY, AMERICAN ASSOCIATION FOR CLINICAL CHEMISTRY, WASHINGTON, DC, US, vol. 42, no. 10, 1996, pages 1676-1682, XP002964160 ISSN: 0009-9147 * abstract * * page 1677, column 1, paragraph 2 * * page 1677, column 2, paragraph 6 - page 1678, column 1, paragraph 1 * * page 1678, column 2, paragraph 3 - page 1679, column 1, paragraph 1 * * page 1681, column 2, paragraph 2 *	1-3	G01N33/53
Y	-----	4-33	
X	SANNOLO NICOLA ET AL: "Biomonitoring of human exposure to methyl bromide by isotope dilution mass spectrometry of peptide adducts" JOURNAL OF MASS SPECTROMETRY, vol. 34, no. 10, October 1999 (1999-10), pages 1028-1032, XP009060641 ISSN: 1076-5174 * abstract * * page 1029, column 1, paragraph 3 - page 1030, column 2, paragraph 1 *	1-10,13, 15-17, 29,30	TECHNICAL FIELDS SEARCHED (IPC) G01N C07K
Y	----- -/--	11,12, 14, 18-28, 31-33	
The supplementary search report has been based on the last set of claims valid and available at the start of the search.			
Place of search Munich		Date of completion of the search 30 January 2006	Examiner Thumb, W
<div>CATEGORY OF CITED DOCUMENTS</div> <div>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</div> <div>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</div>			



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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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The supplementary search report has been based on the last set of claims valid and available at the start of the search.			
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E	WO 02/084250 A (FEMTOLINK BIOTECHNOLOGIES LLC; EVERETT, NICHOLAS, P; PETELL, JAMES, K;) 24 October 2002 (2002-10-24) * the whole document * in particular pages 14-16.	1-33	
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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 02 75 7101

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

30-01-2006

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专利名称(译)	通过多级质谱法对蛋白质及其修饰形式进行绝对定量		
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申请号	EP2002757101	申请日	2002-08-14
[标]申请(专利权)人(译)	哈佛大学校长及研究员协会		
申请(专利权)人(译)	主席和哈佛学院院士		
当前申请(专利权)人(译)	主席和哈佛学院院士		
[标]发明人	GYGI STEVEN P GERBER SCOTT ANTHONY		
发明人	GYGI, STEVEN. P. GERBER, SCOTT, ANTHONY		
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优先权	60/312279 2001-08-14 US		
其他公开文献	EP1472539B1 EP1472539A2		
外部链接	Espacenet		

摘要(译)

本发明提供了用于检测和/或定量复杂混合物（例如细胞裂解物）中的蛋白质的试剂，试剂盒和方法。该方法可用于高通量测定以分析细胞蛋白质组。在一个方面，本发明提供了用稳定同位素标记的肽内标，其在氨基酸序列中对应于靶多肽的亚序列的氨基酸序列。另一方面，肽内标在修饰的氨基酸残基处标记，并用于确定特定修饰形式的蛋白质的存在和/或定量。

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Y	----- SANNOLLO NICOLA ET AL: "Biomonitoring of human exposure to methyl bromide by isotope dilution mass spectrometry of peptide adducts" JOURNAL OF MASS SPECTROMETRY, vol. 34, no. 10, October 1999 (1999-10), pages 1028-1032, XP009060641 ISSN: 1076-5174 * abstract * * page 1029, column 1, paragraph 3 - page 1030, column 2, paragraph 1 *	4-33	TECHNICAL FIELDS SEARCHED (IPC) G01N C07K
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Inventor Munich		Attorney Thumb, W	
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