



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	EP 0 279 994 A (THE UNITED STATES OF AMERICA REPRESENTED BY THE SECRETARY THE UNITED S) 31 August 1988 (1988-08-31) * the whole document *	1-25	G01N33/53 G01N33/567 C12N5/06
Y	STICKLER M M ET AL: "CD4+ T-CELL EPITOPE DETERMINATION USING UNEXPOSED HUMAN DONOR PERIPHERAL BLOOD MONONUCLEAR CELLS" JOURNAL OF IMMUNOTHERAPY, RAVEN PRESS, NEW YORK, US, vol. 23, no. 6, November 2000 (2000-11), pages 654-660, XP008040520 ISSN: 1524-9557 * abstract; figures 1-3 *	1-25	TECHNICAL FIELDS SEARCHED (Int.Cl.7) C12N G01N
Y	MUCHA J M ET AL: "Enhanced immunogenicity of a functional enzyme by T cell epitope modification" BMC IMMUNOLOGY 25 JAN 2002 UNITED KINGDOM, vol. 3, 25 January 2002 (2002-01-25), XP001206375 ISSN: 1471-2172 * abstract *	1-25	
T	STICKLER MARCIA ET AL: "An in vitro human cell-based assay to rank the relative immunogenicity of proteins." TOXICOLOGICAL SCIENCES, vol. 77, no. 2, February 2004 (2004-02), pages 280-289, XP001206736 ISSN: 1096-6080 * the whole document *	1-25	
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 16 June 2005	Examiner Stachowiak, O
CATEGORY OF CITED DOCUMENTS 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		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	

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 03 71 9326

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
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16-06-2005

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		JP 1500598 T	01-03-1989
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专利名称(译)	基于群体的评估和对蛋白质的相对免疫原性进行排序的方法		
公开(公告)号	EP1483581A4	公开(公告)日	2005-08-10
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优先权	60/360057 2002-02-26 US		
其他公开文献	EP1483581A2 EP1483581B1		
外部链接	Espacenet		

摘要(译)

本发明提供了评估群体免疫应答谱的方法。特别地，本发明提供了定性评估人群免疫应答的方法，其中分析了针对任何目的蛋白质的免疫应答。本发明进一步提供了基于蛋白质的相对免疫原性对蛋白质进行分级的方法。此外，本发明提供了产生具有降低的免疫原性的蛋白质的方法，用于各种应用。