



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	WO 99/66324 A (JOLY, ERIK; JOHNSON, CARL, H; PISTON, DAVID, W) 23 December 1999 (1999-12-23)	1-3, 11-16, 20-23, 26-36, 38-45, 47-72	G06F19/00 G01N33/535 C07K19/00 C12N15/62 A61K49/00 C12Q1/37
Y	* abstract; claims 7,11; figure 2; example XII *	17-19	
X	----- WO 00/62067 A (WASHINGTON UNIVERSITY) 19 October 2000 (2000-10-19)	1,11, 17-21, 26-35,38	
Y	* abstract; page 50, last paragraph; claims 53-55 *	17-19	

			TECHNICAL FIELDS SEARCHED (IPC)
			G06F G01N C07K
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 17 February 2006	Examiner Fausti, S
CATEGORY OF CITED DOCUMENTS		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	
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			

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

EP 01 99 4233

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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17-02-2006

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WO 9966324 A	23-12-1999	AU 4254299 A	05-01-2000
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专利名称(译)	用于检测蛋白水解活性的组合物和方法		
公开(公告)号	EP1351990A4	公开(公告)日	2006-04-12
申请号	EP2001994233	申请日	2001-12-13
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申请(专利权)人(译)	密歇根大学董事会		
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IPC分类号	G06F19/00 A61K49/00 C07K19/00 C12N15/62 C12Q1/37 G01N33/50 G01N33/535 G01N33/574 G01N33/68 C07K17/00		
CPC分类号	C12Q1/37 A01K2217/05 G01N2333/96466 G01N2500/10		
优先权	09/737255 2000-12-13 US		
其他公开文献	EP1351990A2		
外部链接	Espacenet		

摘要(译)

本发明提供了用于在体外，体内和体内非侵入性成像细胞，组织和器官和整个身体中的酶（例如蛋白酶）活性的组合物和方法，原位。本发明提供了具有生物发光或化学发光多肽或异源激酶以及至少一个沉默部分和位于第一和第二结构域之间的蛋白酶切割基序的嵌合多肽。成像可以通过计算机辅助断层扫描（CAT），磁共振波谱（MRS），磁共振成像（MRI），正电子发射断层扫描（PET），单光子发射计算机断层扫描（SPECT）或生物发光成像（BLI）。

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Y	* abstract: claims 7.11; figure 2: example X11 *		
X	WO 00/62067 A (WASHINGTON UNIVERSITY) 19 October 2000 (2000-10-19)	1,11, 17-21, 26-35, 38 17-19	
Y	* abstract: page 50, last paragraph: claims 53-55 *		
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 17 February 2006	Searcher Fausti, S
CATEGORY OF CITED DOCUMENTS		I. Priority or principle underlying the invention	
X: particularly relevant to the claims		D: document cited in the application	
Y: document cited in the application		L: document cited for other reasons	
A: document cited in the application		* / ** / *** of the same patent family, corresponding document	
Q: non-written disclosure			
R: intermediate document			

4
DOCUMENT SEARCH REPORT