



European Patent
Office

**SUPPLEMENTARY
PARTIAL EUROPEAN SEARCH REPORT**

Application Number

which under Rule 45 of the European Patent Convention EP 02 79 9873 shall be considered, for the purposes of subsequent proceedings, as the European search report

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
A	WO 02/20822 A (UNIVERSITY OF TEXAS) 14 March 2002 (2002-03-14) * the whole document * -----	1-14	INV. G01N33/53 C12N15/85 C12N15/86 A61K48/00
A	WO 02/20724 A (UNIVERSITY OF TEXAS) 14 March 2002 (2002-03-14) * the whole document * -----	1-14	
A	WO 02/20723 A (UNIVERSITY OF TEXAS) 14 March 2002 (2002-03-14) * the whole document * -----	1-14	
A	WO 02/20722 A (UNIVERSITY OF TEXAS) 14 March 2002 (2002-03-14) * the whole document * -----	1-14	
X	WO 02/20769 A (UNIVERSITY OF TEXAS) 14 March 2002 (2002-03-14) * the whole document * -----	1-14	
			TECHNICAL FIELDS SEARCHED (IPC)
			C07K C12N A61K G01N
The supplementary search report has been based on the last set of claims valid and available at the start of the search.			
INCOMPLETE SEARCH			
The Search Division considers that the present application, or some or all of its claims, does/do not comply with the EPC to such an extent that a meaningful search into the state of the art cannot be carried out, or can only be carried out partially, for the following claims:			
Claims searched completely :			
Claims searched incompletely :			
Claims not searched :			
Reason for the limitation of the search: see sheet C			
Place of search		Date of completion of the search	Examiner
The Hague		15 October 2007	Masturzo, Pietro
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	



Claim(s) searched incompletely:
1-12, 14

Claim(s) not searched:
13, 15

Reason for the limitation of the search:

The initial phase of the search revealed a very large number of documents relevant to the issue of novelty. So many documents were retrieved that it is impossible to determine which parts of the claims 1-12 and 14 may be said to define subject-matter for which protection might legitimately be sought (Article 84 EPC). In order to provide an individual example, a search for peptides containing up to 100 residues and containing the sequence AGG (from Seq. no. 5) resulted in 33560 hits. For these reasons, a meaningful search of the whole claimed subject matter of claims 1-14 could not be carried out (Rule 45 EPC). The extent of the search was consequently limited.

The search of claims 1-14 was restricted to: the sequences nos. 5-35, 37, 39-67, 83-129 and 132 as defined in claim 1, vectors comprising adeno-associated phages in conjunction with the above sequences, conjugates of the above sequences with different agents and methods based on them. No search could be carried out on claims 13 and 15, which are described only by functional parameters which the Search Division is not able to ascertain, with no hint to any chemical features which might render them searchable.

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

EP 02 79 9873

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.

15-10-2007

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		EP 1315830 A2	04-06-2003
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EPO FORM P0458

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82

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WO 0220723	A		JP 2004515751 T	27-05-2004
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专利名称(译)	用于诊断和治疗人类癌症的靶向肽的组合物和使用方法		
公开(公告)号	EP1546714A4	公开(公告)日	2007-12-05
申请号	EP2002799873	申请日	2002-10-30
申请(专利权)人(译)	BOARD校董，得克萨斯州大学系统		
当前申请(专利权)人(译)	BOARD校董，得克萨斯州大学系统		
[标]发明人	ARAP WADIH KOLONIN MIKHAIL G MINTZ PAUL J PASQUALINI RENATA ZURITA AMADO J		
发明人	ARAP, WADIH KOLONIN, MIKHAIL, G. MINTZ, PAUL, J. PASQUALINI, RENATA ZURITA, AMADO, J.		
IPC分类号	A61K48/00 C07K7/06 C07K7/08 C12N15/86 C12N15/864 G01N33/574 G01N33/53 C12N15/85		
CPC分类号	C07K7/06 A61K48/00 C07K7/08 C12N15/86 C12N2750/14143 C12N2750/14145 C12N2810/40 C12N2810/405 G01N33/57434 G01N33/57449		
优先权	PCT/US2002/027836 2002-08-30 WO		
其他公开文献	EP1546714A1		
外部链接	Espacenet		

摘要(译)

本发明涉及组合物，其包含鉴定和使用对癌组织，特别是前列腺癌或卵巢癌组织具有选择性的靶向肽的组合物。该方法可以包括鉴定此类肽的内源性mimotope，例如GRP78，IL-11R α 和hsp90。针对此类靶向肽或其模拟表位的抗体可用于检测，诊断和/或分期前列腺癌或卵巢癌。在其他实施方案中，所述组合物和方法涉及新型基因治疗载体，称为腺相关噬菌体(AAP)。AAP用于将治疗剂靶向递送至特定组织，器官或细胞类型，例如前列腺癌或卵巢癌。在其他实施方案中，对低级脂肪瘤具有选择性的靶向肽可用于治疗剂的检测，诊断和靶向递送。

DOCUMENTS CONSIDERED TO BE RELEVANT								
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A	WO 02/20723 A (UNIVERSITY OF TEXAS) 14 March 2002 (2002-03-14) * the whole document *	1-14						
A	WO 02/20722 A (UNIVERSITY OF TEXAS) 14 March 2002 (2002-03-14) * the whole document *	1-14						
X	WO 02/20769 A (UNIVERSITY OF TEXAS) 14 March 2002 (2002-03-14) * the whole document *	1-14						
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INCOMPLETE SEARCH								
The Search Division considers that the present application, or some or all of its claims, does/ do not comply with the EPC to such an extent that a meaningful search in the state of the art cannot be carried out, or can only be carried out partially, for the following claims: Claims searched completely: Claims not searched: Reason for the limitation of the search: see sheet C								
<table border="1"> <tr> <td>Field of search:</td> <td>Date of completion of the search:</td> <td>Searcher:</td> </tr> <tr> <td>The Hague</td> <td>15 October 2007</td> <td>Masturzo, Pietro</td> </tr> </table>			Field of search:	Date of completion of the search:	Searcher:	The Hague	15 October 2007	Masturzo, Pietro
Field of search:	Date of completion of the search:	Searcher:						
The Hague	15 October 2007	Masturzo, Pietro						
<table border="1"> <tr> <td> CATEGORY OF CITED DOCUMENTS > particularly relevant if taken alone < particularly relevant if considered with another A: technological background art Q: intermediate document P: intermediate document </td> <td> I: theory or principle underlying the invention E: earlier patent document, not 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 </td> </tr> </table>			CATEGORY OF CITED DOCUMENTS > particularly relevant if taken alone < particularly relevant if considered with another A: technological background art Q: intermediate document P: intermediate document	I: theory or principle underlying the invention E: earlier patent document, not 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				
CATEGORY OF CITED DOCUMENTS > particularly relevant if taken alone < particularly relevant if considered with another A: technological background art Q: intermediate document P: intermediate document	I: theory or principle underlying the invention E: earlier patent document, not 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							