



EUROPEAN SEARCH REPORT

Application Number
EP 11 17 1153

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 2004/006952 A (STATENS SERUMINSTITUT [DK]; ANDERSEN PETER [DK]; ROSENKRANDS IDA [DK];) 22 January 2004 (2004-01-22) * page 5, lines 11-15 * * page 30, lines 5-9 * * page 44, lines 1-5 * * claims 6,9-11,13 * * sequence 33 *	1-14	INV. A61K39/04 C07K14/35 A61P31/06
A	BETTS J C ET AL: "Evaluation of a nutrient starvation model of Mycobacterium tuberculosis persistence by gene and protein expression profiling", MOLECULAR MICROBIOLOGY, vol. 43, no. 3, 1 February 2002 (2002-02-01), pages 717-731, XP002223692, WILEY-BLACKWELL PUBLISHING LTD, GB ISSN: 0950-382X, DOI: 10.1046/J.1365-2958.2002.02779.X * abstract; table 3 * * page 727, column 1, paragraph 3 *	1-14	TECHNICAL FIELDS SEARCHED (IPC)
A	WEINRICH OLSEN A ET AL: "Protection of mice with a tuberculosis subunit vaccine based on a fusion protein of antigen 85B and ESAT-6", INFECTION AND IMMUNITY, vol. 69, no. 5, 1 May 2001 (2001-05-01), pages 2773-2778, XP002285350, AMERICAN SOCIETY FOR MICROBIOLOGY, WASHINGTON, US ISSN: 0019-9567, DOI: 10.1128/IAI.69.5.2773-2778.2001 * abstract *	1-14	A61K A61P C07K
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The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 28 June 2012	Examiner Noë, Veerle
<p>CATEGORY OF CITED DOCUMENTS</p> <ul style="list-style-type: none"> X : particularly relevant if taken alone Y : particularly relevant if combined with a other document of the same category A : international patent document C : non-written disclosure - : non-written document E : priority principle underlying the invention E : earlier patent document, not published on, or one of the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document 			

Doc. No. EP 11 17 1153 A1

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	DIETRICH JES ET AL: "Exchanging ESAT6 with TB10.4 in an Ag85B fusion molecule-based tuberculosis subunit vaccine: Efficient protection and ESAT6-based sensitive monitoring of vaccine efficacy", JOURNAL OF IMMUNOLOGY, vol. 174, no. 10, 1 May 2005 (2005-05-01), pages 6332-6339, XPO02440682, AMERICAN ASSOCIATION OF IMMUNOLOGISTS, US ISSN: 0022-1767 * the whole document *	1-14	TECHNICAL FIELDS SEARCHED (IPC)
A	DATABASE UniProt [Online] 1 October 2003 (2003-10-01), "TR:Q7TY61_MYCB0 (Mycobacterium bovis)", XP002678793, Database accession no. Q7TY61 * abstract *	1-14	
A	DATABASE UniProt [Online] 1 February 1997 (1997-02-01), "TR:P71959_MYCTU (Mycobacterium tuberculosis complex)", XP002678794, Database accession no. P71959 * abstract *	1-14	
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
The Hague		28 June 2012	Noë, Veerle
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with a other document of the same category A : background art/known art C : non-written disclosure - : non-written document</p> <p>- : priority principle underlying the invention E : earlier patent document, but published on, or after, the filing date O : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing claims for which payment was due.

- Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due and for those claims for which claims fees have been paid, namely claim(s):
- No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due.

LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet B

- All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.
- As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.
- Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:
- None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:
- The present supplementary European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims (Rule 164 (1) EPC).



**LACK OF UNITY OF INVENTION
SHEET B**

Application Number

EP 11 17 1153

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 1-14(partially)

an immunogenic composition comprising a fusion polypeptide comprising one or more fragments from the starvation induced antigen with SEQ ID No:14

2. claims: 1-14(partially)

an immunogenic composition comprising a fusion polypeptide comprising one or more fragments from the starvation induced antigen with SEQ ID No:16

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

EP 11 17 1153

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.

28-06-2012

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 2004006952 A	22-01-2004	AU 2003242504 A1	02-02-2004
		EP 1523331 A2	20-04-2005
		WO 2004006952 A2	22-01-2004
