European Patent Office

SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application Number
EP 02 79 6411

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 01/02003 A (BULFONE PAUS SILVIA [DE]; RUECKERT RENE [DE]) 11 January 2001 (2001-01-11) * pages 4,14; example 5; sequence 8 * -----	1-16	INV. A61K39/395 C12N5/10 C12N5/12 C12N5/16 C12N5/18 C12N15/12 C12N15/63 C12N15/64 C07K14/47 C07K16/24
X	WO 00/02582 A (KENNEDY RHEUMATOLOGY INST [GB]; LONDEI MARCO [GB]; QUARATINO SONIA [GB]) 20 January 2000 (2000-01-20) pg. 16-18, examples * pages 3,4; sequence 2 * -----	1-41	
A	FEHNIGER T A ET AL: "Interleukin 15: biology and relevance to human disease" BLOOD, W.B.SAUNDERS COMPANY, ORLANDO, FL, US, vol. 97, no. 1, 1 January 2001 (2001-01-01), pages 14-32, XP002902996 ISSN: 0006-4971 * the whole document * especially pg. 23, 24, 27 -----	1-41	A61K39/44
A	MCINNES I B ET AL: "Interleukin - 15 mediates T cell-dependent regulation of tumor necrosis factor-alpha production in rheumatoid arthritis" NATURE MEDICINE, NATURE PUBLISHING GROUP, NEW YORK, NY, US, vol. 3, no. 2, February 1997 (1997-02), pages 189-195, XP002103447 ISSN: 1078-8956 * the whole document * -----	1-41	TECHNICAL FIELDS SEARCHED (IPC) C07K

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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.

Place of search	Date of completion of the search	Examiner
Munich	26 June 2007	Bernhardt, Wiebke

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
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L : document cited for other reasons

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
A	DAVIES J ET AL: "Affinity improvement of single antibody VH domains: residues in all three hypervariable regions affect antigen binding" IMMUNOTECHNOLOGY, ELSEVIER SCIENCE PUBLISHERS BV, NL, vol. 2, no. 3, September 1996 (1996-09), pages 169-179, XP004070292 ISSN: 1380-2933 * abstract * -----	7-9	

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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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ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO. EP 02 79 6411

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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26-06-2007

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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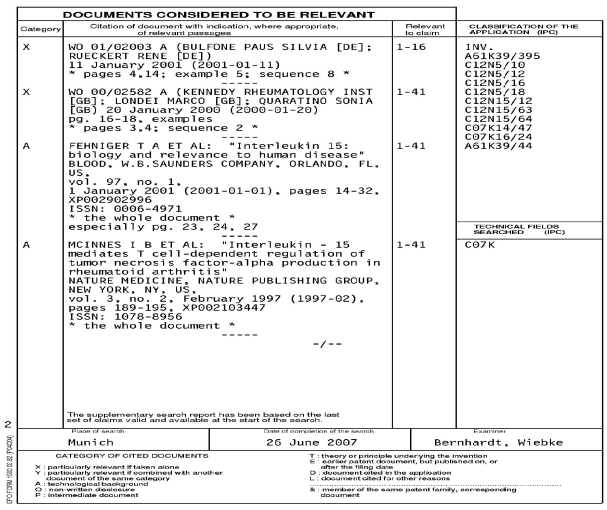
WO 0002582 A	20-01-2000	CA 2333923 A1	20-01-2000
		EP 1096949 A2	09-05-2001
		JP 2002520294 T	09-07-2002

专利名称(译)	特异于白细胞介素15的人抗体（il-15）		
公开(公告)号	EP1425389A4	公开(公告)日	2007-08-01
申请号	EP2002796411	申请日	2002-08-23
[标]申请(专利权)人(译)	根马布股份公司		
申请(专利权)人(译)	Genmab公司A / S		
当前申请(专利权)人(译)	Genmab公司A / S		
[标]发明人	VAN DE WINKEL JAN G J VAN DIJK MARCUS ANTONIUS SCHUURMAN JANINE GERRITSEN ARNOUT F BAADSGAARD OLE		
发明人	VAN DE WINKEL, JAN, G., J. VAN DIJK, MARCUS, ANTONIUS SCHUURMAN, JANINE GERRITSEN, ARNOUT, F. BAADSGAARD, OLE		
IPC分类号	A01K67/027 A61K39/395 A61K39/44 A61K45/00 A61P1/04 A61P17/06 A61P19/02 A61P29/00 A61P31/00 A61P35/00 A61P37/02 A61P37/06 C07K14/47 C07K16/24 C12N1/15 C12N1/19 C12N1/21 C12N5/10 C12N5/12 C12N5/16 C12N5/18 C12N15/09 C12N15/12 C12N15/63 C12N15/64 C12P21/08 G01N33/53 G01N33/543		
CPC分类号	A01K2217/05 A61K2039/505 A61P1/04 A61P17/06 A61P19/02 A61P29/00 A61P31/00 A61P31/18 A61P35/00 A61P35/02 C07K16/24 C07K16/244 C07K2317/21 C07K2317/32 C07K2317/56 C07K2317/565 C07K2317/73 C07K2317/76 C07K2317/92		
优先权	60/314731 2001-08-23 US		
其他公开文献	EP1425389A2 EP1425389B1		
外部链接	Espacenet		

摘要(译)

公开了与IL-15特异性结合的分离的人单克隆抗体（例如人IL-15）和相关的基于抗体的组合物和分子。人抗体可以在转染瘤或非人转基因动物（例如转基因小鼠）中产生，其能够通过进行V-D-J重组和同种型转换产生多种人单克隆抗体同种型。还公开了包含人抗体，非人转基因动物和产生人抗体的杂交瘤的药物组合物，以及使用人抗体的治疗和诊断方法。



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