



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 21 89 57 66

Classification of the application (IPC):

A61K 51/08, A61K 47/64, C07K 14/47, A61K 39/395, A61K 39/00, A61K 45/06, C07K, A61K
A61K 51/10, A61P 35/00, C07K 16/28, C07K 16/32

Technical fields searched (IPC):

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	WO 2011022727 A2 (MERRIMACK PHARMACEUTICALS INC [US]; SCHOEBERL BIRGIT [US] ET AL.) 24 February 2011 (2011-02-24) * whole document, in particular section II(iii), page 52 *	1-21
X	US 2010183631 A1 (ROTHER MIKE [DE] ET AL) 22 July 2010 (2010-07-22) * whole document, in particular [0086] *	1-21
X	US 2012156130 A1 (HETTMANN THORE [DE] ET AL) 21 June 2012 (2012-06-21) * whole document, in particular [0122] *	1-21
Y	ORLOVA ANNA ET AL: "Evaluation of the Therapeutic Potential of a HER3-Binding Affibody Construct TAM-HER3 in Comparison with a Monoclonal Antibody, Seribantumab" <i>MOLECULAR PHARMACEUTICS</i> US 11 July 2018 (2018-07-11), vol. 15, no. 8, DOI: 10.1021/acs.molpharmaceut.8b00393, ISSN: 1543-8384, pages 3394-3403, XP093066490 * 125I-seribantumab *	1-21
Y	HIDEKAZU KAWASHIMA: "Radioimmunotherapy: A Specific Treatment Protocol for Cancer by Cytotoxic Radioisotopes Conjugated to Antibodies" <i>THE SCIENTIFIC WORLD JOURNAL</i> , 01 January 2014 (2014-01-01), vol. 2014, DOI: 10.1155/2014/492061, ISSN: 2356-6140, pages 1-10, XP055522090 * the whole document *	1-21
Y	WO 0222000 A2 (SLOAN KETTERING INST CANCER [US]) 21 March 2002 (2002-03-21) * figure 8A *	1-21

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 The Hague	Date of completion of the search 18 October 2024	Examiner Schleifenbaum, A
------------------------------	---	------------------------------

CATEGORY OF CITED DOCUMENTS

- | | |
|---|--|
| X: particularly relevant if taken alone | P: intermediate document |
| Y: particularly relevant if combined with another document of the same category | T: theory or principle underlying the invention |
| A: technological background | E: earlier patent document, but published on, or after the filing date |
| O: non-written disclosure | D: document cited in the application |
| &: member of the same patent family, corresponding document | L: document cited for other reasons |

Disclaimer: this document has been automatically generated using data structured in accordance with WIPO standard ST.36 from the database of search reports of the European Patent Office. For technical reasons, its content and layout may differ from that of the original publication. Only the original published information is legally binding.

**SUPPLEMENTARY EUROPEAN SEARCH
REPORT**Application number:
EP 21 89 57 66

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
Y	BORCHARDT PAUL E ET AL: "Targeted actinium-225 in vivo generators for therapy of ovarian cancer" <i>CANCER RESEARCH, AMERICAN ASSOCIATION FOR CANCER RESEARCH, SAN DIEGO, CA . PHILADELPHIA</i> (PA, 15 August 2003 (2003-08-15), vol. 63, no. 16, ISSN: 0008-5472, pages 5084-5090, XP002458367 * figure 7 *	1-21
Y	YOSHII YUKIE ET AL: "Integrated treatment using intraperitoneal radioimmunotherapy and positron emission tomography-guided surgery with 64 Culabeled cetuximab to treat early-and late-phase peritoneal dissemination in human gastrointestinal cancer xenografts" <i>ONCOTARGET</i> United States 22 June 2018 (2018-06-22), vol. 9, no. 48, pages 28935-28950 URL: https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6034757/pdf/oncotarget-09-28935.pdf , ISSN: 1949-2553, XP093148547 * figure 2A *	1-21

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 The Hague	Date of completion of the search 18 October 2024	Examiner Schleifenbaum, A
------------------------------	---	------------------------------

CATEGORY OF CITED DOCUMENTS

- | | |
|--|--|
| X: particularly relevant if taken alone | P: intermediate document |
| Y : particularly relevant if combined with another document of the same category | T: theory or principle underlying the invention |
| A: technological background | E: earlier patent document, but published on, or after the filing date |
| O: non-written disclosure | D: document cited in the application |
| & : member of the same patent family, corresponding document | L: document cited for other reasons |

Disclaimer: this document has been automatically generated using data structured in accordance with WIPO standard ST.36 from the database of search reports of the European Patent Office. For technical reasons, its content and layout may differ from that of the original publication. Only the original published information is legally binding.



ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 21 89 57 66

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 18-10-2024
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
WO 2011022727	A2	24-02-2011	AU	2010284018 A1	22-03-2012
			BR	112012003809 A2	24-09-2019
			CA	2771744 A1	24-02-2011
			CN	103002912 A	27-03-2013
			CR	20120108 A	05-06-2012
			DO	P2012000044 A	30-06-2012
			EA	201200195 A1	28-12-2012
			EC	SP12011740 A	28-02-2013
			EP	2467164 A2	27-06-2012
			JP	5752687 B2	22-07-2015
			JP	2013506622 A	28-02-2013
			KR	20120059568 A	08-06-2012
			MA	33582 B1	01-09-2012
			MX	336091 B	08-01-2016
			NI	201200027 A	29-01-2013
			PE	20121585 A1	29-11-2012
			SG	178509 A1	27-04-2012
			TN	2012000057 A1	19-09-2013
			WO	2011022727 A2	24-02-2011
			ZA	201201195 B	29-07-2015
US 2010183631	A1	22-07-2010	AR	056857 A1	24-10-2007
			AU	2006332065 A1	12-07-2007
			BR	PI0620803 A2	22-11-2011
			CA	2633222 A1	12-07-2007
			CL	2014001334 A1	19-12-2014
			CN	101365723 A	11-02-2009
			CN	102174105 A	07-09-2011
			CN	102633881 A	15-08-2012
			CR	10082 A	18-11-2008
			CY	1118979 T1	12-12-2018
			CY	1122250 T1	25-11-2020
			DK	1984402 T3	15-05-2017
			DK	2993187 T3	26-08-2019
			EA	200801621 A1	30-12-2008
			EP	1984402 A2	29-10-2008
			EP	2993187 A2	09-03-2016
			EP	3196213 A2	26-07-2017
			EP	3950715 A1	09-02-2022
			ES	2621546 T3	04-07-2017
			ES	2743229 T3	18-02-2020
			ES	2881886 T3	30-11-2021
			HK	1133266 A1	19-03-2010
			HK	1160151 A1	10-08-2012
			HK	1173158 A1	10-05-2013



ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 21 89 57 66

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 18-10-2024.
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
	HR	P20170558 T1	16-06-2017
	HR	P20191462 T1	15-11-2019
	HU	E032209 T2	28-09-2017
	HU	E044756 T2	28-11-2019
	IL	191852 A	30-09-2013
	IL	225372 A	31-07-2016
	JP	5207979 B2	12-06-2013
	JP	5551222 B2	16-07-2014
	JP	5806263 B2	10-11-2015
	JP	2009521913 A	11-06-2009
	JP	2013056884 A	28-03-2013
	JP	2014012006 A	23-01-2014
	KR	20080099235 A	12-11-2008
	LT	1984402 T	10-04-2017
	LT	2993187 T	10-09-2019
	MY	153751 A	13-03-2015
	MY	162624 A	30-06-2017
	NO	346160 B1	28-03-2022
	NZ	569005 A	24-02-2012
	NZ	596317 A	26-04-2013
	NZ	607711 A	26-09-2014
	PL	1984402 T3	31-08-2017
	PL	2993187 T3	29-11-2019
	PT	1984402 T	27-04-2017
	PT	2993187 T	27-06-2019
	SG	174017 A1	29-09-2011
	SG	10201500533Q A	30-03-2015
	SI	2993187 T1	30-09-2019
	TW	200804420 A	16-01-2008
	TW	201431881 A	16-08-2014
	UA	97473 C2	27-02-2012
	US	2008124345 A1	29-05-2008
	US	2010183631 A1	22-07-2010
	US	2012058122 A1	08-03-2012
	US	2016168264 A1	16-06-2016
	US	2019263930 A1	29-08-2019
	US	2023059353 A1	23-02-2023
	WO	2007077028 A2	12-07-2007
	ZA	200805474 B	27-05-2009



ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 21 89 57 66

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 18-10-2024
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2012156130 A1	21-06-2012	AU 2011286407 A1	21-02-2013
		CA 2815154 A1	09-02-2012
		EP 2601220 A2	12-06-2013
		JP 2013540694 A	07-11-2013
		US 2012156130 A1	21-06-2012
		WO 2012018404 A2	09-02-2012
WO 0222000 A2	21-03-2002	AU 1123202 A	26-03-2002
		AU 2002211232 B2	19-10-2006
		CA 2422291 A1	21-03-2002
		EP 1317268 A2	11-06-2003
		US 2002058007 A1	16-05-2002
		WO 0222000 A2	21-03-2002