



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 16 82 81 63

Classification of the application (IPC):

A61K 39/00, A61K 38/00, A61K 38/16, C07K 2/00, C07K 16/28, G01N 33/574, A61K
G01N 33/569, A61P 35/00

Technical fields searched (IPC):

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X,P	WO 2016011343 A1 (UNIV PENNSYLVANIA [US]; UNIV KENT STATE OHIO [US]) 21 January 2016 (2016-01-21) * page 4, last paragraph - page 5, paragraph 1 * * page 17, paragraph 2-3 * * page 31, paragraph 3 - page 32, paragraph 3 * * page 35, paragraph 2-3 * * page 36, last paragraph - page 37, paragraph 1 * * page 38, paragraph 4 * * page 43, paragraph 3 - page 44, line 1 * * page 45, paragraph 4-I *	1, 2
X,P	JASHODEEP DATTA ET AL: "Association of Depressed Anti-HER2 T-Helper Type 1 Response With Recurrence in Patients With Completely Treated HER2-Positive Breast Cancer : Role for Immune Monitoring" <i>JAMA ONCOLOGY</i> US 01 February 2016 (2016-02-01), vol. 2, no. 2, DOI: 10.1001/jamaoncol.2015.5482, ISSN: 2374-2437, page 242, XP055556159 * page 243, column 1, last paragraph - column 2, paragraph 1 *	3, 4
X	DATTA JASHODEEP ET AL: "Progressive loss of anti-HER2 CD4(+) T-helper type 1 response in breast tumorigenesis and the potential for immune restoration" <i>ONCOIMMUNOLOGY, LANDES BIOSCIENCE, US</i> , 01 April 2015 (2015-04-01), vol. 4, no. 10, DOI: 10.1080/2162402X.2015.1022301, ISSN: 2162-402X, XP002782236 * abstract * * page 12, column 1, paragraph 2 *	3, 4

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 14 February 2019	Examiner Noë, Veerle
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CATEGORY OF CITED DOCUMENTS

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Application number:
EP 16 82 81 63

DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
T	FRACOL MEGAN ET AL: "Loss of Anti-HER-3 CD4+ T-Helper Type 1 Immunity Occurs in Breast Tumorigenesis and is Negatively Associated with Outcomes" <i>ANNALS OF SURGICAL ONCOLOGY, RAVEN PRESS, NEW YORK, NY, US</i>, 23 September 2016 (2016-09-23), vol. 24, no. 2, DOI: 10.1245/S10434-016-5584-6, ISSN: 1068-9265, pages 407-417, XP036125796 * the whole document *	

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 14 February 2019	Examiner Noë, Veerle
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| O: non-written disclosure | D: document cited in the application |
| &: member of the same patent family, corresponding document | L: document cited for other reasons |

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ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

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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 14-02-2019
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 2016011343	A1	21-01-2016	CA 2955456 A1	21-01-2016
			CN 107106666 A	29-08-2017
			EP 3169354 A2	24-05-2017
			JP 2017528430 A	28-09-2017
			WO 2016011343 A1	21-01-2016
			WO 2016011432 A2	21-01-2016