



## SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:  
EP 21 76 86 99

### Classification of the application (IPC):

A61K 35/761, C12N 15/86, A61K 39/215, C07K 14/005, A61P 31/14,  
C12N 15/81, A61K 39/12

### Technical fields searched (IPC):

A61K, C12N

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X Y	<p><b>ENJUANES ET AL:</b> "Vaccines to prevent severe acute respiratory syndrome coronavirus-induced disease" <i>VIRUS RESEARCH, AMSTERDAM, NL</i>, 11 March 2008 (2008-03-11), vol. 133, no. 1, DOI: 10.1016/J.VIRUSRES.2007.01.021, ISSN: 0168-1702, pages 45-62, XP022520312</p> <p>* abstract; figures 1-3 *</p> <p>* page 52, paragraph 8.2 *</p> <p><b>&amp; RAYMOND H SEE ET AL:</b> "Comparative evaluation of two severe acute respiratory syndrome (SARS) vaccine candidates in mice challenged with SARS coronavirus" <i>JOURNAL OF GENERAL VIROLOGY, SOCIETY FOR GENERAL MICROBIOLOGY</i>, 01 March 2006 (2006-03-01), vol. 87, no. 3, DOI: 10.1099/VIR.0.81579-0, ISSN: 0022-1317, pages 641-650, XP008138952</p>	1-3, 7-15 2, 4-6
Y	<p><b>SHI JIANDONG ET AL:</b> "Epitope-Based Vaccine Target Screening against Highly Pathogenic MERS-CoV: An In Silico Approach Applied to Emerging Infectious Diseases" <i>PLOS ONE</i> US</p> <p>07 December 2015 (2015-12-07), vol. 10, no. 12, DOI: 10.1371/journal.pone.0144475, ISSN: 1932-6203, page e0144475, XP093130066</p> <p>* abstract *</p> <p>* page 11, paragraph third full *</p>	2, 4-6
X	<p><b>ELIZABETH S GABITZSCH ET AL:</b> "Anti-tumor immunotherapy despite immunity to adenovirus using a novel adenoviral vector Ad5 [E1-, E2b-]-CEA" <i>CANCER IMMUNOLOGY, IMMUNOTHERAPY, SPRINGER, BERLIN, DE</i>, 02 April 2010 (2010-04-02), vol. 59, no. 7, ISSN: 1432-0851, pages 1131-1135, XP019800230</p> <p>* abstract *</p>	2, 4
A	<p>WO 03066820 A2 (UNIV CALIFORNIA [US]; MODLIN ROBERT L [US]) 14 August 2003 (2003-08-14)</p> <p>* abstract; sequences 2003:633886-581793-97-7 *</p>	1-15

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 04 March 2024	Examiner Schulz, Regine
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### 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

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### DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
A	US 2018244756 A1 (GRAHAM BARNEY [US] ET AL) 30 August 2018 (2018-08-30) * abstract *	1-15
T	<b>RICE ADRIAN ET AL:</b> "A Next Generation Bivalent Human Ad5 COVID-19 Vaccine Delivering Both Spike and Nucleocapsid Antigens Elicits Th1 Dominant CD4+, CD8+ T-cell and Neutralizing Antibody Responses" <i>BIORXIV</i> , 30 July 2020 (2020-07-30), DOI: 10.1101/2020.07.29.227595, pages 1-36, XP055929959 * abstract; examples 1, 2 *	
T	<b>Sieling Peter ET AL:</b> "Th1 Dominant Nucleocapsid and Spike Antigen-Specific CD4+ and CD8+ Memory T Cell Recall Induced by hAd5 S-Fusion + N-ETSD Infection of Autologous Dendritic Cells from Patients Previously Infected with SARS-CoV-2" <i>medRxiv</i> , 06 November 2020 (2020-11-06), pages 1-44 URL: <a href="https://www.medrxiv.org/content/10.1101/2020.11.04.20225417v1.full.pdf">https://www.medrxiv.org/content/10.1101/2020.11.04.20225417v1.full.pdf</a> , DOI: 10.1101/2020.11.04.20225417 [retrieved on 28 September 2021 (2021-09-28)] XP055845509	

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 04 March 2024	Examiner Schulz, Regine
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## ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:  
EP 21 76 86 99

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 04-03-2024.  
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Patent document cited in search report		Publication date	Patent family member(s)		Publication date
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US 2018244756	A1	30-08-2018	EP	3261665 A1	03-01-2018
			KR	20170140180 A	20-12-2017
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			US	2019256579 A1	22-08-2019
			WO	2016138160 A1	01-09-2016