



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 21 85 07 10

Classification of the application (IPC):

C12N 15/86, C12N 15/113, C12N 9/22, C12N 15/10, C12N 15/88, A61K 48/00, C12N A61K 31/7088, C12N 7/00

Technical fields searched (IPC):

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
A,D	MULLANEY J M ET AL: "CAPSID TARGETING SEQUENCE TARGETS FOREIGN PROTEINS INTO BACTERIOPHAGE T4 AND PERMITS PROTEOLYTIC PROCESSING" <i>JOURNAL OF MOLECULAR BIOLOGY, ACADEMIC PRESS, UNITED KINGDOM</i>, 01 January 1996 (1996-01-01), vol. 261, no. 3, DOI: 10.1006/JMBI.1996.0470, ISSN: 0022-2836, pages 372-385, XP008048465 * see p. 381, first column, last par. *	1-8
X	LIU JINNY L. ET AL: "Viral nanoparticle-encapsidated enzyme and restructured DNA for cell delivery and gene expression" <i>PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES</i>, 26 August 2014 (2014-08-26), vol. 111, no. 37, pages 13319-13324 URL: https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4169922/pdf/pnas.201321940.pdf , ISSN: 0027-8424, XP093184315 * see abstract; fig. 1; section "Significance" p. 13319; p. 13323, second column, third par. * & LIU JINNY L. ET AL: "Supporting information Viral nanoparticle-encapsidated enzyme and restructured DNA for cell delivery and gene expression" <i>PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES</i>, 26 August 2014 (2014-08-26), vol. 111, no. 37, DOI: 10.1073/pnas.1321940111, ISSN: 0027-8424, pages 13319-13324, XP093184312 * see p. 1, first column, first par. *	1-8
A	Mullaney Julianne M. ET AL: "Bacteriophage T4 Capsid Packaging and Unpackaging of DNA and Proteins : Methods and Protocols" In: "Protocols for In Vitro Cultures and Secondary Metabolite Analysis of Aromatic and Medicinal Plants, Second Edition", Springer New York, 30 October 2013 (2013-10-30) vol. 1108, pages 69-85, ISSN: 1064-3745, XP093184314 * the whole document * * see p. 74, "2.1. Phages and Bacterial Strains"; fig. 3 *	1-8

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 11 July 2024	Examiner Fischer, V
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CATEGORY OF CITED DOCUMENTS

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
A,D	TAO PAN ET AL: "Engineering of Bacteriophage T4 Genome Using CRISPR-Cas9" <i>ACS SYNTHETIC BIOLOGY</i> Washington DC ,USA 20 October 2017 (2017-10-20), vol. 6, no. 10, pages 1952-1961 URL: https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5771229/pdf/nihms928175.pdf , ISSN: 2161-5063, XP055943284 * see abstract; fig. 4; section "Creation of Specific Mutants by Editing of T4 Genome Using CRISPR-Cas9" from p. 5 *	1-8
A	US 2019330643 A1 (RAO VENIGALLA B [US] ET AL) 31 October 2019 (2019-10-31) * see fig. 4; example 3, par. 165-171 *	1-8
T	ZHU JINGEN ET AL: "Design of bacteriophage T4-based artificial viral vectors for human genome remodeling" <i>NATURE COMMUNICATIONS</i> UK 30 May 2023 (2023-05-30), vol. 14, no. 1 URL: https://www.nature.com/articles/s41467-023-38364-1.pdf , ISSN: 2041-1723, XP093183195 * 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 11 July 2024	Examiner Fischer, V
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ANNEX TO SUPPLEMENTARY EUROPEAN
SEARCH REPORT

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2019330643	A1	31-10-2019	NONE	