



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 21 78 43 08

Classification of the application (IPC):
C12N 15/113, A61P 35/00

Technical fields searched (IPC):
C12N

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X Y A	WO 2009108217 A2 (INTRADIGM CORP [US]; XIE FRANK Y [US] ET AL.) 03 September 2009 (2009-09-03) * page 1; figures 7, 8, 10-12, 14-20, 22, 24, 25; tables 1-4, 8 *	1, 3-5, 8, 9 10-14 6
Y	C. V. PECOT ET AL: "Therapeutic Silencing of KRAS Using Systemically Delivered siRNAs" <i>MOLECULAR CANCER THERAPEUTICS</i> US 01 December 2014 (2014-12-01), vol. 13, no. 12, DOI: 10.1158/1535-7163.MCT-14-0074, ISSN: 1535-7163, pages 2876-2885, XP055303664 * figure 2 *	10-14
A	WO 2017173304 A1 (AVIDITY BIOSCIENCES LLC [US]) 05 October 2017 (2017-10-05) * the whole document *	1, 3-6, 8-14
A	WO 2019204624 A1 (UNIV TEXAS [US]) 24 October 2019 (2019-10-24) * the whole document *	1, 3-6, 8-14
A	WO 2016201323 A1 (UNIV TEXAS [US]) 15 December 2016 (2016-12-15) * the whole document *	1, 3-6, 8-14

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 22 January 2024	Examiner Romano, Alper
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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
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& : member of the same patent family, corresponding document	L: document cited for other reasons

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LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 1, 6, 13, 14(completely); 3-5, 8-12(all partially)
siRNA molecules targeting human KRAS comprising a sense strand and an antisense strand from sequences SEQ ID NOs: 128-159, 78-109 and 162-185.
2. claims: 2, 7(completely); 3-5, 8-12(all partially)
siRNA molecules targeting human KRAS comprising a sense strand and an antisense strand from sequences SEQ ID NOs: 50/51, 110/111 and 112/113.

None of the further search fees have been paid within the fixed time limit. The present (supplementary) European search report has been drawn up for those parts of the European patent application which relate to the first mentioned in the claims, namely claims: 1, 6, 13, 14(completely); 3-5, 8-12(partially)

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 22 January 2024	Examiner Romano, Alper
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CATEGORY OF CITED DOCUMENTS

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ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 21 78 43 08

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 22-01-2024.
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

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