



## SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:  
EP 19 87 53 62

Classification of the application (IPC):  
B03C 1/30, B03C 1/02, G01N 33/48, G01N 33/00

Technical fields searched (IPC):  
G01N, B03C

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	<p><b>Z. ZHAO, J. SIBBITT; M. HE:</b> "On-Chip Harvesting and Photo-Release of Immunogenic Extracellular Vesicles for Cancer Immunotherapy" <i>MICROTAS 2017; 21ST INTERNATIONAL CONFERENCE ON MINIATURIZED SYSTEMS FOR CHEMISTRY AND LIFE SCIENCES (MICROTAS 2017), SAVANNAH, GEORGIA, USA, 22-26 OCTOBER 2017, 22 October 2017 (2017-10-22), 26 October 2017 (2017-10-26), vol. 2, pages 898-899</i> URL: <a href="https://www.proceedings.com/52575.html">https://www.proceedings.com/52575.html</a> , XP009537868 * the whole document *</p>	1-18
X	<p><b>QINGFU ZHU ET AL:</b> "Microfluidic engineering of exosomes: editing cellular messages for precision therapeutics" <i>LAB ON A CHIP UK</i> 01 January 2018 (2018-01-01), vol. 18, no. 12, DOI: 10.1039/C8LC00246K, ISSN: 1473-0197, pages 1690-1703, XP055709479 * the whole document * * In particular: Page 1697, section entitled "Microfluidic surface engineering of living-cell-derived exosomes" and figure 6. *</p>	1-18
X	<p><b>GISS D ET AL:</b> "MICROFLUIDICS TO ISOLATE UNTAGGED PROTEINS FROM CELL EXTRACTS FOF VISUAL ANALYSIS BY ELECTRON MICROSCOPY" <i>17TH MICROAFFINITY PURIFICATION OF PROTEINS BASED ON PHOTOLYTIC ELUTION: TOWARD AN EFFICIENT MICROBEAD AFFINITY CHROMATOGRAPHY ON A CHIP ELECTROPHORESIS 27-31 OCTOBER 2013, FREIBURG, GERMANY, 31 October 2013 (2013-10-31), pages 1785-1787</i> URL: <a href="https://www.rsc.org/images/loc/2013/PDFs/Papers/597_0776.pdf">https://www.rsc.org/images/loc/2013/PDFs/Papers/597_0776.pdf</a> , XP055947895 * the whole document * * In particular: Title; Abstract; Experimental section; Figures 1-4; Conclusion. *</p>	1, 4-14

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 02 August 2022	Examiner C.F. Angioni
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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
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& : member of the same patent family, corresponding document	L: document cited for other reasons

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	<p><b>MIN-SOO KIM ET AL:</b> "Study on bead-based micro biochip and analytical system for protein detection" <i>TRANSDUCERS, SOLID-STATE SENSORS, ACTUATORS AND MICROSYSTEMS, 12TH INTERNATIONAL CONFERENCE ON, 2003, PISCATAWAY, NJ, USA, IEEE</i>, 08 June 2003 (2003-06-08), DOI: 10.1109/SENSOR.2003.1217003, ISBN: 978-0-7803-7731-8, page 1267, XP032377732</p> <p>* the whole document *</p> <p>* In particular: Title; Abstract; Introduction, lines 7-9 "The beads can be trapped into microstructure using weir or electromagnetic field and directly immobilized on surfaces of micro channels"; Figure 3. *</p>	1, 4-14
X,P	<p><b>ZHENG ZHAO ET AL:</b> "Microfluidic on-demand engineering of exosomes towards cancer immunotherapy" <i>LAB ON A CHIP</i> UK 01 January 2019 (2019-01-01), vol. 19, no. 10, DOI: 10.1039/C8LC01279B, ISSN: 1473-0197, pages 1877-1886, XP055754271</p> <p>* the whole document *</p>	1-18

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Place of search The Hague	Date of completion of the search 02 August 2022	Examiner C.F. Angioni
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