



## SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:  
EP 21 90 11 59

### Classification of the application (IPC):

**G03H 1/04, G03H 1/08, G01N 15/14, G03H 1/00, G01N 15/10, G01N 15/1434, G01N 21/17**

### Technical fields searched (IPC):

G03H, G01N

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X A	<b>MOR HABAZA ET AL:</b> "Rapid 3D Refractive-Index Imaging of Live Cells in Suspension without Labeling Using Dielectrophoretic Cell Rotation" <i>ADVANCED SCIENCE</i> , 21 October 2016 (2016-10-21), vol. 4, no. 2, DOI: 10.1002/advs.201600205, ISSN: 2198-3844, page 1600205, XP055563982 * the whole document *	1, 2, 4-12 3
X Y	US 2005036181 A1 (MARQUET PIERRE [CH] ET AL) 17 February 2005 (2005-02-17) * paragraphs [0027], [0031] - [0050], [0061] - [0066]; figures 1, 3, 4 *	1, 2, 4-12 3
Y A	<b>TENG YAO ET AL:</b> "Electrodeformation-Based Biomechanical Chip for Quantifying Global Viscoelasticity of Cancer Cells Regulated by Cell Cycle" <i>ANALYTICAL CHEMISTRY</i> US 13 June 2018 (2018-06-13), vol. 90, no. 14, DOI: 10.1021/acs.analchem.8b00584, ISSN: 0003-2700, pages 8370-8378, XP093145288 * the whole document *	3 2
Y A	<b>QIANG YUHAO ET AL:</b> "Mechanical fatigue of human red blood cells" <i>PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES</i> , 16 September 2019 (2019-09-16), vol. 116, no. 40, DOI: 10.1073/pnas.1910336116, ISSN: 0027-8424, pages 19828-19834, XP093145439 * the whole document *	3 2

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 30 April 2024	Examiner Lutz, Christoph
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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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## 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 30-04-2024  
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
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			EP	1451646 A1	01-09-2004
			EP	3252538 A1	06-12-2017
			JP	4358631 B2	04-11-2009
			JP	2005512127 A	28-04-2005
			US	2005036181 A1	17-02-2005
			WO	03048868 A1	12-06-2003