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- with international search report (Art. 21(3))

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(54) Title: A MICROSCOPY SYSTEM AND A METHOD FOR ANALYZING FLUIDS

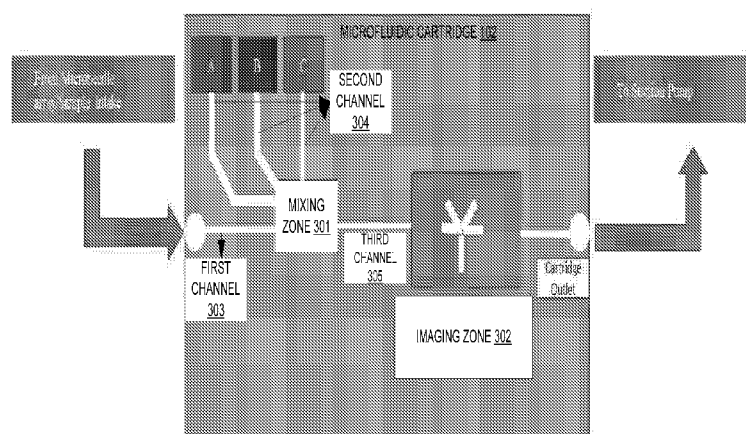


Figure 3

(57) Abstract: Embodiments of the present disclosure relate to a microscopy system and a method to analyze fluids in flow. The microscopy system comprises a microfluidic cartridge to receive input comprising at least one of fluids and reagents. The microfluidic cartridge further comprises a mixing zone to receive the at least one of fluids and reagents to form a mixture and an imaging zone to receive the mixture from the mixing zone. An illumination unit is configured in the microscopy system to illuminate the imaging zone and at least one imaging unit to capture plurality of images of one or more microscopic elements of the mixture flowing through the imaging zone. The plurality of images is processed by a computing unit associated with the microscopy system for analyzing fluids.





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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

INV. B01L3/00 G01N15/14 G01N21/05 G01N21/53 G01N21/75
ADD.

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EP0-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2012/032294 A1 (MULTI SENSE TECHNOLOGIES LTD [GB]; LOWE PHILLIP [GB]; KEATCH STEVEN AL) 15 March 2012 (2012-03-15) abstract; figures paragraphs [0003], [0008] - [0012], [0017], [0021], [0026] - [0031], [0084] - [0099], [0110] - [0112] -----	1-18
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☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents :

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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