



## SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:  
EP 18 79 08 04

### Classification of the application (IPC):

G01N 21/64, G01N 33/483, G01N 35/00, G01N 21/17, B01L 3/00, C12M 3/06,  
C12M 1/00, C12M 1/34, G01N 21/25, G01N 21/80, G01N 29/024, G01N 33/487,  
G01N 27/02, G01N 21/78

### Technical fields searched (IPC):

B01L, C12M, G01N

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	EP 3128309 A1 (PALO ALTO RES CT INC [US]) 08 February 2017 (2017-02-08) * paragraphs [0013] - [0014], [0018] - [0019], [0024] - [0032], [0055]; figures 2A-H, 4D *	1-4, 6, 8, 11-15
X	JP H09281066 A (HORIBA LTD) 31 October 1997 (1997-10-31) * paragraphs [0031], [0040] - [0054]; claims 1-2; figures 1-3, 6-9 *	1-5, 8, 11-15
X	US 2013341734 A1 (MERZ MATTHIAS [BE]) 26 December 2013 (2013-12-26) * paragraphs [0048] - [0060]; claims 1-3; figures 1-5 *	7-10
A	US 2008207465 A1 (RAVKIN ILYA [US] ET AL) 28 August 2008 (2008-08-28) * paragraphs [0040], [0056], [0068], [0083], [0110] - [0119]; figures 9-18 *	1, 7-11
A	US 2016077045 A1 (FIFE KEITH G [US] ET AL) 17 March 2016 (2016-03-17) * paragraphs [0024] - [0027], [0035] - [0036]; figures 3, 9-10 *	7-10

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 09 March 2021	Examiner Ruiz-Echarri Rueda
------------------------------	---	--------------------------------

### 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

Disclaimer: this document has been automatically generated using data structured in accordance with WIPO standard ST.36 from the database of search reports of the European Patent Office. For technical reasons, its content and layout may differ from that of the original publication. Only the original published information is legally binding.



## SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:  
EP 18 79 08 04

### 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, 8, 11-15

A device configured to contain a substance to be analyzed comprising a test plate with at least one well configured to contain a substance to be analyzed, where each well comprises a side wall structure and a bottom wall; a plurality of sensors, wherein at least one well comprises more than one sensor; and an electronic circuitry coupled to the plurality of sensors, wherein the electronic circuitry is configured to selectively access one or more sensors and output the sensed signals from the selectively accessed one or more sensors.

2. claims: 7, 9, 10

A device configured to contain a substance to be analyzed comprising: a test plate with at least one well configured to contain a substance to be analyzed; and an insert with a substrate having conductive interconnects, wherein the flexible substrate includes one or more flaps, bent at an angle relative to an adjoining portion of the flexible substrate, and including at least one conductive interconnect. Further wherein the insert is coupled to the test plate with one or more flaps extending into each well and wherein at least one sensor is attached to one flap.

All further search fees have been paid within the fixed time limit. The present (supplementary) European search report has been drawn up for all claims.

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 09 March 2021	Examiner Ruiz-Echarri Rueda
------------------------------	---	--------------------------------

### 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

Disclaimer: this document has been automatically generated using data structured in accordance with WIPO standard ST.36 from the database of search reports of the European Patent Office. For technical reasons, its content and layout may differ from that of the original publication. Only the original published information is legally binding.



## ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:  
EP 18 79 08 04

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 09-03-2021  
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
EP 3128309 A1	08-02-2017	EP 3128309 A1	08-02-2017
		JP 6803164 B2	23-12-2020
		JP 2017029137 A	09-02-2017
		KR 20170016282 A	13-02-2017
		US 2017038282 A1	09-02-2017
JP H09281066 A	31-10-1997	NONE	
US 2013341734 A1	26-12-2013	CN 103512940 A	15-01-2014
		EP 2677307 A1	25-12-2013
		US 2013341734 A1	26-12-2013
US 2008207465 A1	28-08-2008	NONE	
US 2016077045 A1	17-03-2016	CN 105264366 A	20-01-2016
		EP 2972280 A1	20-01-2016
		JP 2016510895 A	11-04-2016
		JP 2020042034 A	19-03-2020
		US 2014264472 A1	18-09-2014
		US 2016077045 A1	17-03-2016
		US 2018128773 A1	10-05-2018
		WO 2014149780 A1	25-09-2014