

Title (en)  
SYSTEM AND METHOD FOR RETRIEVING AND ANALYZING PARTICLES

Title (de)  
SYSTEM UND VERFAHREN ZUM RÜCKGEWINNEN UND ANALYSIEREN VON TEILCHEN

Title (fr)  
SYSTÈME ET PROCÉDÉ DE RÉCUPÉRATION ET D'ANALYSE DE PARTICULES

Publication  
**EP 3541506 A1 20190925 (EN)**

Application  
**EP 17870734 A 20171116**

Priority

- US 201662423322 P 20161117
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- US 201715431977 A 20170214
- US 201715657553 A 20170724
- US 201762545251 P 20170814
- US 201715720194 A 20170929
- US 2017062099 W 20171116

Abstract (en)  
[origin: WO2018094109A1] A system and method for isolating and analyzing single cells, including: a substrate having a broad surface; a set of wells defined at the broad surface of the substrate, and a set of channels, defined by the wall, that fluidly couple each well to at least one adjacent well in the set of wells; and fluid delivery module defining an inlet and comprising a plate, removably coupled to the substrate, the plate defining a recessed region fluidly connected to the inlet and facing the broad surface of the substrate, the fluid delivery module comprising a cell capture mode.

IPC 8 full level  
**B01J 19/00** (2006.01); **B01L 3/00** (2006.01); **G01N 1/28** (2006.01); **G01N 15/02** (2006.01); **G01N 35/10** (2006.01); **G06T 7/00** (2017.01); **G06T 7/70** (2017.01)

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**US 2017062099 W 20171116**; CN 201780071466 A 20171116; CN 202111105125 A 20171116; EP 17870734 A 20171116; EP 23156657 A 20171116