

Title (en)

MICROPATTERNED PLATE WITH MICRO-PALLETS FOR ADDRESSABLE BIOCHEMICAL ANALYSIS

Title (de)

MIKROGEMUSTERTE PLATTE MIT MIKROPALETTEN ZUR ADRESSIERBAREN BIOCHEMISCHEN ANALYSE

Title (fr)

PLAQUE A MICROMOTIFS AVEC DES MICROPALETTES POUR ANALYSE BIOCHIMIQUE ADRESSABLE

Publication

**EP 1799864 A4 20090603 (EN)**

Application

**EP 05802866 A 20051004**

Priority

- US 2005035860 W 20051004
- US 61588204 P 20041004

Abstract (en)

[origin: WO2006041938A2] A plate manufactured to enable samples of cells, micro-organisms, proteins, DNA, biomolecules and other biological media to be positioned at specific locations or sites on the plate for the purpose of performing addressable analyses on the samples. Preferably, some or all of the sites are built from a removable material or as pallets so that a subset of the samples of interest can be readily isolated from the plate for further processing or analysis. The plate can contain structures or chemical treatments that enhance or promote the attachment and/or function of the samples, and that promote or assist in their analyses.

IPC 8 full level

**C12Q 1/68** (2006.01); **C12M 1/14** (2006.01)

CPC (source: EP KR)

**B01J 19/0046** (2013.01 - EP KR); **B01L 3/508** (2013.01 - EP KR); **B01L 3/5085** (2013.01 - EP KR); **C12Q 1/6813** (2013.01 - KR); **B01J 2219/00315** (2013.01 - EP KR); **B01J 2219/00441** (2013.01 - EP); **B01J 2219/00527** (2013.01 - EP); **B01J 2219/00547** (2013.01 - EP KR); **B01J 2219/00585** (2013.01 - EP KR); **B01J 2219/00596** (2013.01 - EP KR); **B01J 2219/00605** (2013.01 - EP); **B01J 2219/00619** (2013.01 - EP); **B01J 2219/00621** (2013.01 - EP KR); **B01J 2219/00653** (2013.01 - EP); **B01J 2219/00659** (2013.01 - EP KR); **B01J 2219/00662** (2013.01 - EP); **B01J 2219/00677** (2013.01 - EP); **B01J 2219/00689** (2013.01 - EP); **B01J 2219/00722** (2013.01 - EP); **B01J 2219/00725** (2013.01 - EP); **B01J 2219/00743** (2013.01 - EP); **B01L 2300/0636** (2013.01 - EP); **B01L 2300/0819** (2013.01 - EP KR); **B01L 2300/0829** (2013.01 - EP)

Citation (search report)

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- [X] WO 03039750 A1 20030515 - GENVAULT CORP [US], et al
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- [A] WO 2004024328 A1 20040325 - CIDRA CORP [US]
- See references of WO 2006041938A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2006041938 A2 20060420**; **WO 2006041938 A3 20070412**; AU 2005294377 A1 20060420; AU 2005294377 B2 20111201; CA 2580853 A1 20060420; CA 2580853 C 20140429; CN 101035910 A 20070912; EP 1799864 A2 20070627; EP 1799864 A4 20090603; IL 182039 A0 20070724; JP 2008516199 A 20080515; JP 4887298 B2 20120229; KR 20070062578 A 20070615; MX 2007004068 A 20070604; RU 2007116801 A 20081110

DOCDB simple family (application)

**US 2005035860 W 20051004**; AU 2005294377 A 20051004; CA 2580853 A 20051004; CN 200580033695 A 20051004; EP 05802866 A 20051004; IL 18203907 A 20070320; JP 2007534910 A 20051004; KR 20077009234 A 20070423; MX 2007004068 A 20051004; RU 2007116801 A 20051004