

Title (en)

ANALYZING STRIP HAVING A FLUID CELL AND A METHOD OF ANALYZING A SAMPLE

Title (de)

ANALYSESTICK MIT EINER FLÜSSIGKEITZELLE UND EIN PROBENANALYSEVERFAHREN

Title (fr)

BANDELETTE D'ANALYSE DOTÉE D'UNE CELLULE POUR FLUIDE ET PROCÉDE D'ANALYSE D'UN ÉCHANTILLON

Publication

**EP 1163513 A1 20011219 (EN)**

Application

**EP 00913639 A 20000225**

Priority

- US 0005038 W 20000225
- US 12214099 P 19990226

Abstract (en)

[origin: WO0050891A1] A device according to the present invention has a fluid cell (13) with a driving fluid therein, and a breakable barrier (22) for selectively containing the driving fluid in the fluid cell. The device also includes a sample cell (25) having a collection chamber (28) capable of receiving a sample to be analyzed, capable of receiving the driving fluid from the first cell, and capable of allowing the sample to mix with the driving fluid to provide a mixed sample. In addition, the device has a filter (36) capable of capturing particulate matter contained within the sample, and a fluid collection reservoir (45). The device contains one or more types of antibodies capable of attaching to an analyte of interest. The invention also includes a method of using the device to detect an analyte.

IPC 1-7

**G01N 31/22**; **G01N 21/29**; **G01N 21/41**; **G01N 15/06**; **G01N 33/48**

IPC 8 full level

**B01L 3/00** (2006.01); **G01N 21/01** (2006.01); **G01N 21/27** (2006.01); **G01N 33/49** (2006.01); **G01N 33/543** (2006.01); **G01N 33/558** (2006.01)

CPC (source: EP KR US)

**B01L 3/502** (2013.01 - EP); **G01N 21/01** (2013.01 - EP); **G01N 21/27** (2013.01 - EP); **G01N 31/22** (2013.01 - KR); **G01N 33/4905** (2013.01 - EP); **G01N 33/54366** (2013.01 - EP); **G01N 33/54388** (2021.08 - US); **G01N 33/558** (2013.01 - EP); **B01L 3/5027** (2013.01 - EP); **B01L 2300/0681** (2013.01 - EP); **B01L 2300/0825** (2013.01 - EP); **B01L 2300/087** (2013.01 - EP); **B01L 2400/0481** (2013.01 - EP); **B01L 2400/0683** (2013.01 - EP)

Citation (search report)

See references of WO 0050891A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**WO 0050891 A1 20000831**; AR 022779 A1 20020904; AU 3504700 A 20000914; CO 5280182 A1 20030530; EP 1163513 A1 20011219; GT 200000033 A 20010908; KR 20010108273 A 20011207; RU 2001126123 A 20040220; SV 2002000032 A 20020826

DOCDB simple family (application)

**US 0005038 W 20000225**; AR P000100860 A 20000228; AU 3504700 A 20000225; CO 00013865 A 20000228; EP 00913639 A 20000225; GT 200000033 A 20000317; KR 20017010957 A 20010827; RU 2001126123 A 20000225; SV 2000000032 A 20000228