

Title (en)

FLUID EXCHANGE IN A CHAMBER ON A MICROSCOPE SLIDE

Title (de)

FLÜSSIGKEITSWECHSEL IN EINER KAMMER AUF EINEM MIKROSKOPOBJEKTTRÄGER

Title (fr)

ECHANGE DE FLUIDES DANS UNE CHAMBRE SUR UNE LAMELLE DE MICROSCOPE

Publication

**EP 1171761 B8 20090225 (EN)**

Application

**EP 00922201 A 20000414**

Priority

- US 0010077 W 20000414
- US 13017199 P 19990420

Abstract (en)

[origin: WO0063670A1] A sample chamber is formed by a housing sealed against a microscope slide. The housing has fluid ports, including a well formed over at least one port. In a rinse station, rinse solution is drawn from a reservoir through the chamber to a waste reservoir. At a fill station, an aliquot of reagent already placed in the well is driven into the chamber. The reagent may be driven into the chamber by first drawing a vacuum on the chamber through the aliquot of reagent and then releasing the reagent to be drawn into the chamber by the vacuum.

IPC 8 full level

**G01N 1/31** (2006.01); **B01L 3/00** (2006.01); **G02B 21/34** (2006.01)

CPC (source: EP)

**B01L 3/502** (2013.01); **G01N 1/312** (2013.01); **G02B 21/34** (2013.01); **B01L 2200/027** (2013.01); **B01L 2200/0642** (2013.01); **B01L 2300/0822** (2013.01); **B01L 2300/0877** (2013.01); **B01L 2400/049** (2013.01)

Cited by

EP2988156A3; DE102012108158A1; DE102012108158B4; EP3385771A1; US9816916B2; US11311886B2; EP2397224A1; US9799992B2; US10256572B2

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 0063670 A1 20001026**; AT E416369 T1 20081215; AU 4242600 A 20001102; DE 60040977 D1 20090115; EP 1171761 A1 20020116; EP 1171761 B1 20081203; EP 1171761 B8 20090225; ES 2316362 T3 20090416

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