

Title (en)

Fluid handling device for analysis of fluid samples

Title (de)

Flüssigkeitshandhabungsvorrichtung für die Analyse von Flüssigkeitsproben

Title (fr)

Dispositif de manipulation de fluides pour analyse d'échantillons de fluides

Publication

EP 2050498 A1 20090422 (EN)

Application

EP 07118889 A 20071019

Priority

EP 07118889 A 20071019

Abstract (en)

A fluid handling method and device for use in analysing a fluid are described. The device has a sample chamber (50, 150) for retaining a predetermined amount of the fluid for analysis in the sample chamber, and a pre-chamber (20, 130). An entry (30) to the pre-chamber requires pressure to inject the fluid into the pre-chamber. A connecting passage (40, 140) from the pre-chamber to the sample chamber allow flow to the sample chamber by capillary action. This flow can be less sensitive to any variability in the injection. This means the injection pressure or duration, need not be so closely controlled. In turn this can enable simpler or more cost effective apparatus.

IPC 8 full level

B01L 3/00 (2006.01)

CPC (source: EP)

B01L 3/502715 (2013.01); **B01L 3/5029** (2013.01); **B01L 2300/0627** (2013.01); **B01L 2300/0681** (2013.01); **B01L 2400/0406** (2013.01); **B01L 2400/0688** (2013.01); **B01L 2400/0694** (2013.01)

Citation (search report)

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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 MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

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DOCDB simple family (application)

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