

Title (en)
Sample carrier with channel for liquids

Title (de)
Probenträger mit Flüssigkeitskanal

Title (fr)
porte-échantillon avec canal pour fluides

Publication
EP 1508373 A3 20050803 (DE)

Application
EP 04019480 A 20040817

Priority
DE 10338540 A 20030819

Abstract (en)
[origin: EP1508373A2] Multi-purpose laboratory sample holder comprising an air bleed passage with one or more passages allowing for the flow of liquid, where the sample holder has several ring-shaped air bleed passages arranged in, e.g. a hexagonal array, is new. Multi-purpose laboratory sample holder comprising an air bleed passage with one or more passages allowing for the flow of liquid, where the sample holder has several ring-shaped air bleed passages arranged in, e.g. a hexagonal array. The sample feed is located centrally within the ring and crosses the ring-shaped air bleed passage. The liquid passage has an array of micro electronic components, e.g. PCR, sensors and pumps. The sample holder has several reaction chambers, each equally spaced from the air bleed passage.

IPC 1-7
B01L 3/00

IPC 8 full level
B01L 3/00 (2006.01)

CPC (source: EP)
B01L 3/502723 (2013.01); **B01L 2200/0684** (2013.01); **B01L 2300/0681** (2013.01); **B01L 2300/0816** (2013.01); **B01L 2400/0406** (2013.01); **B01L 2400/084** (2013.01)

Citation (search report)

- [X] US 6302134 B1 20011016 - KELLOGG GREGORY [US], et al
- [X] US 5518930 A 19960521 - BURD TAMMY L [US]
- [X] WO 9955827 A1 19991104 - AMERSHAM PHARM BIOTECH UK LTD [GB], et al
- [X] US 2003053934 A1 20030320 - ANDERSSON PER [SE], et al
- [A] US 4233029 A 19801111 - COLUMBUS RICHARD L

Cited by
DE102008008256A1; EP2096444A4; JPWO2008053743A1; EP2457090A4; US8512638B2; WO2006069757A1; JP4934052B2

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