

Title (en)
SAMPLE SUPPORT

Title (de)
PROBENTRÄGER

Title (fr)
PORTE-ECHANTILLON

Publication
EP 1062042 A1 20001227 (DE)

Application
EP 99911779 A 19990311

Priority
• DE 19810499 A 19980311
• DE 19902309 A 19990121
• EP 9901607 W 19990311

Abstract (en)
[origin: US7560073B1] The comprises at least one sample receiving chamber for a sample liquid, and a distributor channel for sample liquid connected to said at least one sample receiving chamber, with at least one such distributor channel extending from each sample receiving chamber. The sample support further comprises at least one reaction chamber entered by an inflow channel branched off said at least one distributor channel, and a venting opening for each reaction chamber. Each distributor channel and each inflow channel are dimensioned to have the liquid transport through the distributor and inflow channels effected by capillary forces. In each reaction chamber, the entrance region of the inflow channel is provided with a means for generating a capillary force causing the sample liquid to flow from the inflow channel into the reaction chamber.

IPC 1-7
B01L 3/00

IPC 8 full level
G01N 31/20 (2006.01); **B01L 3/00** (2006.01); **C12M 1/34** (2006.01); **G01N 37/00** (2006.01)

CPC (source: EP US)
B01L 3/502723 (2013.01 - EP US); **B01L 3/5025** (2013.01 - EP US); **B01L 3/502738** (2013.01 - EP US); **B01L 2200/0642** (2013.01 - EP US); **B01L 2300/0816** (2013.01 - EP US); **B01L 2300/0864** (2013.01 - EP US); **B01L 2400/0406** (2013.01 - EP US); **B01L 2400/0487** (2013.01 - EP US); **B01L 2400/0683** (2013.01 - EP US); **B01L 2400/0688** (2013.01 - EP US)

Cited by
US9216413B2; WO2005070546A1; WO2011003689A3

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB IT LI NL PT SE

DOCDB simple family (publication)
WO 9946045 A1 19990916; AT E241430 T1 20030615; AU 3034099 A 19990927; AU 739563 B2 20011018; BR 9909249 A 20001128; BR 9909249 B1 20091201; CA 2323424 A1 19990916; CA 2323424 C 20050308; DE 59905743 D1 20030703; EP 1062042 A1 20001227; EP 1062042 B1 20030528; ES 2203093 T3 20040401; HK 1035683 A1 20011207; IL 138286 A0 20011031; IL 138286 A 20040219; JP 2002505946 A 20020226; JP 4350897 B2 20091021; US 2007025875 A1 20070201; US 2009155128 A1 20090618; US 7560073 B1 20090714

DOCDB simple family (application)
EP 9901607 W 19990311; AT 99911779 T 19990311; AU 3034099 A 19990311; BR 9909249 A 19990311; CA 2323424 A 19990311; DE 59905743 T 19990311; EP 99911779 A 19990311; ES 99911779 T 19990311; HK 01104438 A 20010627; IL 13828699 A 19990311; JP 2000535452 A 19990311; US 37257809 A 20090217; US 54316106 A 20061005; US 62391099 A 19990311