

Title (en)

SAMPLING SYSTEM FOR ANALYTES WHICH ARE FLUID OR IN FLUIDS AND PROCESS FOR ITS PRODUCTION

Title (de)

PROBENAHMESYSTEM FÜR FLUIDISCHE UND IN FLUIDEN ENTHALTENE ANALYTE SOWIE VERFAHREN ZU SEINER HERSTELLUNG

Title (fr)

SYSTEME D'ECHANTILLONNAGE POUR ANALYTES FLUIDES ET CONTENUS DANS DES FLUIDES, AINSI QUE SON PROCEDE DE FABRICATION

Publication

EP 0876605 A1 19981111 (DE)

Application

EP 97914106 A 19970128

Priority

- DE 9700192 W 19970128
- DE 19602861 A 19960128

Abstract (en)

[origin: DE19602861A1] The invention concerns a sampling system and a process for its production. Such systems can easily be employed throughout in chemical and biochemical analysis. The sampling system should be simply constructed and universally usable alone and in combination and fabricable with little effort. The sampling system constructed as per the invention for analytes which are fluid or are contained in fluids consists of a planar support with various holes in it through which the particular fluid can pass into a channel which it subsequently exits. The channel is at least partly covered by a cover over the side opposite the support. In addition, a membrane pervious to the analyte is inserted which at least partly covers the channel on its open upper side. The areas not covered by the cover can be used to extract the analyte or to make direct measurements.

IPC 1-7

G01N 27/403; B01L 3/00; G01N 27/28

IPC 8 full level

B01L 3/00 (2006.01); **G01N 1/10** (2006.01); **G01N 21/05** (2006.01); **G01N 27/28** (2006.01); **G01N 27/327** (2006.01)

CPC (source: EP US)

B01L 3/5027 (2013.01 - EP US); **G01N 27/3272** (2013.01 - EP US); **B01L 3/502707** (2013.01 - EP US); **B01L 3/502715** (2013.01 - EP US); **B01L 2200/027** (2013.01 - EP US); **B01L 2300/0645** (2013.01 - EP US); **B01L 2300/0654** (2013.01 - EP US); **B01L 2300/0681** (2013.01 - EP US); **B01L 2300/0816** (2013.01 - EP US); **B01L 2300/0825** (2013.01 - EP US); **B01L 2300/0887** (2013.01 - EP US); **B01L 2400/0406** (2013.01 - EP US); **Y10T 29/49155** (2015.01 - EP US)

Citation (search report)

See references of WO 9727475A1

Cited by

CN111604098A; CN114728286A

Designated contracting state (EPC)

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

DOCDB simple family (publication)

DE 19602861 A1 19970731; **DE 19602861 C2 19971211**; EP 0876605 A1 19981111; JP 2000505194 A 20000425; US 6287438 B1 20010911; WO 9727475 A1 19970731

DOCDB simple family (application)

DE 19602861 A 19960128; DE 9700192 W 19970128; EP 97914106 A 19970128; JP 52644597 A 19970128; US 11707798 A 19980923