

Title (en)

SAMPLE PRESENTATION DEVICE WITH DIFFERING WETTABILITY

Title (de)

PROBENPRÄSENTIERVORRICHTUNG MIT UNTERSCHIEDLICHER BENETZBARKEIT

Title (fr)

DISPOSITIF DE PRÉSENTATION D'ÉCHANTILLON A MOUILLABILITÉ DIFFÉRENTE

Publication

EP 1656202 A1 20060517 (EN)

Application

EP 03818143 A 20030714

Priority

US 0321786 W 20030714

Abstract (en)

[origin: WO2005016530A1] The present invention relates to sample presentation devices useful in performing analytical measurements. These devices have been configured to enable various aspects of liquid handling such as: retention, storage, transport, concentration, positioning, and transfer. Additionally, these devices can enhance the detection and characterization of analytes. The sample presentation devices of the present invention are comprised of one or more substrates having a plurality of zones of differing wettability. Methods of analyzing samples using the sample presentation device of the invention, as well as methods of making the sample presentation devices are disclosed.

IPC 1-7

B01L 3/00

IPC 8 full level

B01L 3/00 (2006.01); **H01J 49/16** (2006.01); **H01J 49/40** (2006.01)

CPC (source: EP)

B01L 3/5085 (2013.01); **B01L 3/5088** (2013.01); **H01J 49/0418** (2013.01); **H01J 49/0431** (2013.01); **B01L 2200/12** (2013.01);
B01L 2300/0819 (2013.01); **B01L 2300/165** (2013.01)

Citation (search report)

See references of WO 2005016530A1

Citation (examination)

US 6127129 A 20001003 - CORN ROBERT M [US], et al

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2005016530 A1 20050224; AU 2003304421 A1 20050307; AU 2003304421 B2 20091203; CA 2531972 A1 20050224;
CA 2531972 C 20111129; CN 100431707 C 20081112; CN 1863599 A 20061115; EP 1656202 A1 20060517; JP 2007521458 A 20070802;
JP 4668064 B2 20110413

DOCDB simple family (application)

US 0321786 W 20030714; AU 2003304421 A 20030714; CA 2531972 A 20030714; CN 03826920 A 20030714; EP 03818143 A 20030714;
JP 2005507802 A 20030714