

Title (en)

Device and method for handling liquids

Title (de)

Vorrichtung und Verfahren zur Manipulation einer Flüssigkeit

Title (fr)

dispositif et procédé pour la manipulation d'un liquide

Publication

EP 1714698 A3 20080716 (DE)

Application

EP 06007697 A 20060412

Priority

DE 102005017653 A 20050415

Abstract (en)

[origin: EP1714698A2] Device (1) with two channel section in which liquid (2) flows from the first (3) section of channel to a second (4) section and by means of a capillary stop (9) the liquid can be temporarily held before joining the second section. The device is designed in such a way that both channel sections can be moved relative to one another to bypass or lift up the capillary stop. Both channel sections can be brought into contact with each other. They have a flat and/or rectangular cross-section. The main stretches of channel sections lie on the same plane.

IPC 8 full level

B01L 3/00 (2006.01)

CPC (source: EP US)

B01L 3/502715 (2013.01 - EP US); **B01L 3/502738** (2013.01 - EP US); **B01L 3/502761** (2013.01 - EP US); **B01L 2200/0668** (2013.01 - EP US); **B01L 2300/0654** (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 2300/089** (2013.01 - EP US); **B01L 2400/0406** (2013.01 - EP US); **B01L 2400/0421** (2013.01 - EP US); **B01L 2400/0424** (2013.01 - EP US); **B01L 2400/0622** (2013.01 - EP US); **B01L 2400/0633** (2013.01 - EP US); **B01L 2400/0644** (2013.01 - EP US); **B01L 2400/065** (2013.01 - EP US); **B01L 2400/0688** (2013.01 - EP US)

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 NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1714698 A2 20061025; **EP 1714698 A3 20080716**; **EP 1714698 B1 20121219**; CN 1865714 A 20061122; CN 1865714 B 20101208; DE 102005017653 A1 20061019; JP 2006300944 A 20061102; JP 4813954 B2 20111109; US 2006249387 A1 20061109; US 7655189 B2 20100202

DOCDB simple family (application)

EP 06007697 A 20060412; CN 200610088646 A 20060413; DE 102005017653 A 20050415; JP 2006113802 A 20060417; US 27991706 A 20060417