

Title (en)

DEVICE AND METHOD FOR MANIPULATING A LIQUID

Title (de)

VORRICHTUNG UND VERFAHREN ZUR MANIPULATION EINER FLÜSSIGKEIT

Title (fr)

DISPOSITIF ET PROCÉDÉ PERMETTANT D'AGIR SUR UN LIQUIDE

Publication

EP 2547449 A1 20130123 (DE)

Application

EP 11710687 A 20110314

Priority

- EP 10002685 A 20100315
- EP 2011001242 W 20110314
- EP 11710687 A 20110314

Abstract (en)

[origin: EP2369343A1] The device (1) comprises a channel (3) for receiving the liquid (2), and a body (4), which is moved in the channel. The body of the channel is filled more than 60 percentage in the cross-sectional surface, and an intermediate space (6) is formed between the body and the channel wall, such that the liquid is held in the intermediate space by capillary force. An independent claim is also included for a method for manipulating a liquid in a channel.

IPC 8 full level

B01L 3/00 (2006.01)

CPC (source: EP US)

B01L 3/5027 (2013.01 - EP US); **B01L 3/50273** (2013.01 - EP US); **B01L 3/502769** (2013.01 - EP US); **F16K 99/0017** (2013.01 - US); **G01N 33/5304** (2013.01 - US); **G01N 33/54326** (2013.01 - EP US); **G01N 33/54366** (2013.01 - EP US); **B01L 2200/0647** (2013.01 - EP US); **B01L 2300/0636** (2013.01 - EP US); **B01L 2400/043** (2013.01 - EP US); **B01L 2400/0475** (2013.01 - EP US); **B01L 2400/0688** (2013.01 - EP US); **Y10T 137/2202** (2015.04 - EP US); **Y10T 137/2218** (2015.04 - EP US); **Y10T 137/2224** (2015.04 - EP US)

Citation (search report)

See references of WO 2011113563A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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