

Title (en)

METHOD AND DEVICE FOR MOVING AND PLACING LIQUID DROPS IN A CONTROLLED MANNER

Title (de)

VERFAHREN UND VORRICHTUNG ZUM KONTROLLIERTEN BEWEGEN UND PLAZIEREN VON FLÜSSIGKEITSTROPFEN

Title (fr)

PROCEDE ET DISPOSITIF DE DEPLACEMENT CONTROLE ET DE DEPOT DE GOUTTELETTES DE LIQUIDE

Publication

**EP 1222031 A1 20020717 (DE)**

Application

**EP 00966067 A 20000922**

Priority

- DE 19947788 A 19991005
- EP 0009272 W 20000922

Abstract (en)

[origin: US7214302B1] The invention relates to a method and a device which serves for moving and dosing amounts of liquid on a microscopic scale with a volume of especially 10<SUP>-12 </SUP>to 10<SUP>-6 </SUP>liters by means of an inhomogeneous electric field using a support having an ultraphobic surface.

IPC 1-7

**B01L 3/02**

IPC 8 full level

**B25J 7/00** (2006.01); **B01J 19/00** (2006.01); **B01L 3/00** (2006.01); **B01L 3/02** (2006.01); **B81B 7/00** (2006.01); **B81C 99/00** (2010.01); **C12M 1/00** (2006.01); **C12M 1/34** (2006.01)

CPC (source: EP US)

**B01L 3/0241** (2013.01 - EP US); **B01L 3/502792** (2013.01 - EP US); **B01L 2300/089** (2013.01 - EP US); **B01L 2400/0415** (2013.01 - EP US)

Citation (search report)

See references of WO 0124934A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**US 7214302 B1 20070508**; AT E249886 T1 20031015; AU 7658900 A 20010510; AU 779566 B2 20050127; CA 2387581 A1 20010412; CA 2387581 C 20090616; DE 19947788 A1 20010412; DE 50003758 D1 20031023; EP 1222031 A1 20020717; EP 1222031 B1 20030917; JP 2003511247 A 20030325; WO 0124934 A1 20010412

DOCDB simple family (application)

**US 8993300 A 20000922**; AT 00966067 T 20000922; AU 7658900 A 20000922; CA 2387581 A 20000922; DE 19947788 A 19991005; DE 50003758 T 20000922; EP 0009272 W 20000922; EP 00966067 A 20000922; JP 2001527923 A 20000922