

Title (en)
Pipetting device

Title (de)
Pipettiervorrichtung

Title (fr)
Pipettage

Publication
EP 1707269 A3 20080514 (DE)

Application
EP 06000702 A 20060113

Priority
DE 102005014572 A 20050331

Abstract (en)
[origin: EP1707269A2] A pipette has a chamber from which fluid is displaced and whose size is limited by a flexible membrane whose perimeter is protected by a screen with a variable-diameter aperture, through which the membrane central area is deformed. The pipette further has a membrane deflection plunger. The pipette has a detachable fluid delivery tip and a passage between the chamber and the tip. The membrane is circular and is presented to a circular aperture from the displacement chamber. The range of plunger displacement is constant. The iris is coupled to a volume discharge indicator.

IPC 8 full level
B01L 3/02 (2006.01)

CPC (source: EP US)
B01L 3/021 (2013.01 - EP US); **B01L 2400/0481** (2013.01 - EP US); **Y10T 436/2575** (2015.01 - EP US)

Citation (search report)

- [A] US 2595493 A 19520506 - SLABY OLLIE F, et al
- [A] EP 0982073 A2 20000301 - BIOHIT OY [FI]
- [A] EP 0093355 A1 19831109 - BENNETT JOHN T JR [US], et al

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CN113164962A; GB2444672B; US7943718B2; US8802031B2; EP1928605A1

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 1707269 A2 20061004; EP 1707269 A3 20080514; EP 1707269 B1 20101124; DE 102005014572 A1 20061012;
DE 102005014572 B4 20070104; DE 502006008367 D1 20110105; JP 2006281195 A 20061019; JP 4973834 B2 20120711;
US 2006222570 A1 20061005; US 8021627 B2 20110920

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US 36525706 A 20060301