

Title (en)
Pipetting device

Title (de)
Pipettiervorrichtung

Title (fr)
Pipettage

Publication
EP 1707269 B1 20101124 (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)

Cited by
CN113164962A; GB2444672B; US7943718B2; US8802031B2; EP1928605A1

Designated contracting state (EPC)
DE FR GB IT

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

DOCDB simple family (application)
EP 06000702 A 20060113; DE 102005014572 A 20050331; DE 502006008367 T 20060113; JP 2006039551 A 20060216;
US 36525706 A 20060301