

Title (en)

PIPETTING DEVICE AND METHOD FOR OPERATING A PIPETTING DEVICE

Title (de)

PIPETIEREINRICHTUNG UND VERFAHREN ZUM BETREIBEN EINER PIPETIEREINRICHTUNG

Title (fr)

SYSTEME DE PIPETAGE ET PROCEDE POUR EXPLOITER UN SYSTEME DE PIPETAGE

Publication

EP 1531937 A1 20050525 (DE)

Application

EP 03792160 A 20030617

Priority

- DE 10238564 A 20020822
- EP 0306389 W 20030617

Abstract (en)

[origin: WO2004018103A1] Disclosed is a pipetting device comprising a micropump (200) which is provided with a pump chamber (216) having a first port (222) and a second port (224). Said micropump is also provided with a device (246, 250) for modifying the volume of the pump chamber (216). A first active valve (226) is provided for opening and closing the first port (222) while a second active valve (236) is used for opening and closing the second port (224). The inventive pipetting device further comprises a pipette tip (258) which is connected to the first (222) or second (224) port via a pipette duct.

IPC 1-7

B01L 3/02; **F04B 43/04**

IPC 8 full level

B01L 3/02 (2006.01); **F04B 17/00** (2006.01); **F04B 35/04** (2006.01); **F04B 43/04** (2006.01)

CPC (source: EP US)

B01L 3/02 (2013.01 - EP US); **F04B 43/046** (2013.01 - EP US); **B01L 2300/0681** (2013.01 - EP US); **B01L 2400/0439** (2013.01 - EP US); **B01L 2400/0622** (2013.01 - EP US); **B01L 2400/0638** (2013.01 - EP US)

Citation (search report)

See references of WO 2004018103A1

Designated contracting state (EPC)

CH DE FI FR LI

DOCDB simple family (publication)

WO 2004018103 A1 20040304; AU 2003242720 A1 20040311; AU 2003242720 A8 20040311; DE 10238564 A1 20040311; DE 10238564 B4 20050504; EP 1531937 A1 20050525; US 2005196304 A1 20050908

DOCDB simple family (application)

EP 0306389 W 20030617; AU 2003242720 A 20030617; DE 10238564 A 20020822; EP 03792160 A 20030617; US 6126205 A 20050217