

Title (en)

Drip-less pipetting device and the mode of operation

Title (de)

Abtropfsichere Pipettiervorrichtung und abtropfsicheres Pipettierverfahren

Title (fr)

Pipette évitant la formation de goutte et son mode de fonctionnement

Publication

**EP 1614468 B1 20061220 (DE)**

Application

**EP 04015682 A 20040702**

Priority

EP 04015682 A 20040702

Abstract (en)

[origin: EP1614468A1] Liquid dosing device comprises a control unit (30) for controlling a gas pressure changing device (14) during a control time section between a liquid feed and a liquid removal depending on acquired condition parameters so that the actual gas pressure in the gas pressure changing device during the control time section at a predetermined theoretical gas pressure. An independent claim is also included for a method for avoiding drop losses in a liquid dosing device.

IPC 8 full level

**B01L 3/02** (2006.01)

CPC (source: EP)

**B01L 3/0227** (2013.01); **B01L 2200/0615** (2013.01); **B01L 2200/146** (2013.01); **B01L 2200/148** (2013.01); **B01L 2300/024** (2013.01)

Cited by

EP2006022A1; DE102011081186A1; DE102018125196A1; DE102019126731A1; EP3832315A1; CN112924706A; EP2006020A1; WO2011107472A1; US11938474B2; WO2010060448A1; US8216527B2; US8231842B2; US8096197B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1614468 A1 20060111**; **EP 1614468 B1 20061220**; AT E348659 T1 20070115; DE 502004002377 D1 20070201; ES 2274349 T3 20070516

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**EP 04015682 A 20040702**; AT 04015682 T 20040702; DE 502004002377 T 20040702; ES 04015682 T 20040702