

Title (en)

EJECTION MECHANISM FOR A POSITIVE DISPLACEMENT PIPETTE

Title (de)

ABWURFMECHANISMUS FÜR EINE "DIREKTVERDRÄNGER"-PIPETTE

Title (fr)

FONCTION D'EJECTION POUR UN SYSTEME DE PIPETAGE A DEPLACEMENT POSITIF

Publication

EP 2978533 B1 20170419 (FR)

Application

EP 14711539 A 20140321

Priority

- FR 1352660 A 20130325
- EP 2014055769 W 20140321

Abstract (en)

[origin: WO2014154594A1] The invention relates to a bottom part (4) of a positive displacement pipetting system, comprising a body (19) slideably housing a device (20) for taking hold of a piston belonging to a capillary-piston assembly of which the capillary is intended to be push-fitted onto an end fitting of the body. According to the invention it also comprises means (46) of ejecting the capillary-piston assembly, which means are positioned externally with respect to the body (19). Also, it is designed in such a way that a relative rotation of the ejection means (46) and the device (20) for grasping, one with respect to the other, causes said bottom part to pass from an open configuration that allows the piston to be released to a closed configuration that allows this piston to be retained, and/or vice versa.

IPC 8 full level

B01L 3/02 (2006.01)

CPC (source: EP US)

B01L 3/022 (2013.01 - EP US); **B01L 3/0279** (2013.01 - EP US); **B01L 2200/04** (2013.01 - US); **B01L 2300/0609** (2013.01 - US); **B01L 2300/0838** (2013.01 - EP US); **B01L 2400/0478** (2013.01 - US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

FR 3003643 A1 20140926; FR 3003643 B1 20150417; BR 112015023828 A2 20170718; CA 2907534 A1 20141002; CA 2907534 C 20201215; CN 105073263 A 20151118; CN 105073263 B 20170208; EP 2978533 A1 20160203; EP 2978533 B1 20170419; ES 2633995 T3 20170926; JP 2016520416 A 20160714; JP 6305512 B2 20180404; KR 102277808 B1 20210715; KR 20150136516 A 20151207; PL 2978533 T3 20171031; US 2016051978 A1 20160225; US 9931625 B2 20180403; WO 2014154594 A1 20141002

DOCDB simple family (application)

FR 1352660 A 20130325; BR 112015023828 A 20140321; CA 2907534 A 20140321; CN 201480018619 A 20140321; EP 14711539 A 20140321; EP 2014055769 W 20140321; ES 14711539 T 20140321; JP 2016504596 A 20140321; KR 20157030672 A 20140321; PL 14711539 T 20140321; US 201414779518 A 20140321