

Title (en)

SYSTEM FOR EJECTING TIPS OF SAMPLING PIPETTES WITH IMPROVED ERGONOMICS

Title (de)

SYSTEM ZUM AUSWURF VON SPITZEN VON PROBENAHMEPIPETTEN MIT VERBESSERTER ERGONOMIE

Title (fr)

SYSTEME D'EJECTION DE CONE A ERGONOMIE AMELIOREE POUR PIPETTE DE PRELEVEMENT

Publication

EP 3749454 B1 20211110 (FR)

Application

EP 19728494 A 20190503

Priority

- FR 1853943 A 20180507
- FR 2019051023 W 20190503

Abstract (en)

[origin: CA3098923A1] The invention relates to a system (2) for ejecting tips of sampling pipettes, the system comprising: - a button (25) for ejecting a tip which is intended to be moved in translation by an operator's thumb (4); - a tip ejection device (24); and - elastic return means (32) for returning the tip ejection device (24) to a raised position. According to the invention, the system also comprises a lever (40) for controlling the ejection device (24), the control lever comprising: - a first end (40a) which is intended to be fitted onto a part (46) of the pipette; - a second end (40b) cooperating with the eject button (25) so as to be acted upon by the latter; and - an intermediate portion (40c) for actuating the ejection device (24).

IPC 8 full level

B01L 3/02 (2006.01)

CPC (source: EP KR US)

B01L 3/0217 (2013.01 - KR); **B01L 3/0279** (2013.01 - EP KR US); **B01L 3/0217** (2013.01 - EP US); **B01L 2200/087** (2013.01 - EP KR 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 3080783 A1 20191108; FR 3080783 B1 20200522; CA 3098923 A1 20191114; CN 111356531 A 20200630; CN 111356531 B 20220603; EP 3749454 A1 20201216; EP 3749454 B1 20211110; ES 2905730 T3 20220411; JP 2021522993 A 20210902; JP 7261819 B2 20230420; KR 20210006351 A 20210118; PL 3749454 T3 20220228; US 11845076 B2 20231219; US 2021106986 A1 20210415; WO 2019215405 A1 20191114

DOCDB simple family (application)

FR 1853943 A 20180507; CA 3098923 A 20190503; CN 201980005749 A 20190503; EP 19728494 A 20190503; ES 19728494 T 20190503; FR 2019051023 W 20190503; JP 2020560992 A 20190503; KR 20207031659 A 20190503; PL 19728494 T 20190503; US 201917052324 A 20190503