

Title (en)
Pipette with pipette tip ejector

Title (de)
Pipettiervorrichtung mit einer Abwurfeinrichtung für Pipettenspitzen

Title (fr)
Pipette avec éjecteur d'embouts de pipette

Publication
EP 1557222 A3 20070509 (DE)

Application
EP 05000212 A 20050107

Priority
DE 102004003433 A 20040121

Abstract (en)
[origin: EP1557222A2] A pipetting device comprises a base body; attachment(s) (34) protruding from the base body mounted axially movably on the base body to mount a pipette tip, a spring (24) where the attachment is supported on the base; a stop associated with the attachment; and an ejection device to release the pipette tip from the attachment that has throw-off device associated with the attachment. A pipetting device comprises a base body, attachment(s) protruding from the base body mounted axially movably on the base body to mount a pipette tip, a spring where the attachment is supported on the base, a stop associated with the attachment beyond where the attachment protrudes axially when it is not loaded toward the spring, and an ejection device to release the pipette tip from the attachment that has throw-off device associated with the attachment. The attachment and throw-off device are movable relative to one another and comprise a drive device cooperating with the throw-off device and/or the attachment for the relative movement of the throw-off device and attachment.

IPC 8 full level
B01L 3/02 (2006.01)

CPC (source: EP US)
B01L 3/0279 (2013.01 - EP US); **B01L 2200/0689** (2013.01 - EP US); **B01L 2200/087** (2013.01 - EP US); **B01L 2300/026** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR LV MK YU

DOCDB simple family (publication)
EP 1557222 A2 20050727; EP 1557222 A3 20070509; EP 1557222 B1 20141112; DE 102004003433 A1 20050825;
DE 102004003433 B4 20060323; EP 2263800 A2 20101222; EP 2263800 A3 20140521; US 2005155439 A1 20050721;
US 7434484 B2 20081014

DOCDB simple family (application)
EP 05000212 A 20050107; DE 102004003433 A 20040121; EP 10011574 A 20050107; US 3883705 A 20050120