

Title (en)
Repeater pipette

Title (de)
Repetierpipette

Title (fr)
Pipette de distribution à répétition

Publication
EP 0679439 B1 19980304 (DE)

Application
EP 95104248 A 19950323

Priority
DE 4414760 A 19940427

Abstract (en)
[origin: US5591408A] The invention relates to a repetition pipette including a syringe receiving section for a mounting portion of a syringe, said pipette comprising a receiving member having a piston receiving portion for the mounting portion of a syringe piston, piston returning means for moving said receiving member away from said syringe receiving portion, piston advancing means for advancing said receiving member towards said piston receiving portion in steps corresponding to the liquid volumes to be ejected by the syringe, and step width adjusting means for adjusting the width of the steps of said receiving member by means of an adjustment element, characterized by constant step means for setting the width of the first step to a constant value independent of adjustments of said adjustment element for the widths of following steps.

IPC 1-7
B01L 3/02

IPC 8 full level
G01F 11/06 (2006.01); **B01L 3/02** (2006.01)

CPC (source: EP US)
B01L 3/0234 (2013.01 - EP US)

Cited by
US9579644B2; EP2656915A1; EP2656916A1; US9289762B2; US10906034B2; DE102014109345A1; WO2016001010A1; US10507463B2; EP2783753A1; EP2425896A1; DE102010035891A1; EP2676730A1; DE102012011938A1; US8839685B2; EP3335795A1; US11154854B2; US11697113B2

Designated contracting state (EPC)
AT BE CH DE ES FR GB IT LI LU NL SE

DOCDB simple family (publication)
US 5591408 A 19970107; AT E163572 T1 19980315; CA 2147345 A1 19951028; CA 2147345 C 20011225; DE 4414760 C1 19950824; DE 59501518 D1 19980409; EP 0679439 A1 19951102; EP 0679439 B1 19980304; ES 2115284 T3 19980616; FI 116203 B 20051014; FI 951978 A0 19950426; FI 951978 A 19951028; JP 3673927 B2 20050720; JP H07294305 A 19951110

DOCDB simple family (application)
US 41933495 A 19950410; AT 95104248 T 19950323; CA 2147345 A 19950419; DE 4414760 A 19940427; DE 59501518 T 19950323; EP 95104248 A 19950323; ES 95104248 T 19950323; FI 951978 A 19950426; JP 12581095 A 19950425