

Title (en)

Pipette with even piston speed

Title (de)

Pipette mit vergleichmässiger Kolbengeschwindigkeit

Title (fr)

Pipette avec un piston mouvant à la vitesse uniforme

Publication

EP 1195200 A3 20031119 (DE)

Application

EP 01123092 A 20010926

Priority

DE 10049507 A 20001006

Abstract (en)

[origin: EP1195200A2] A pipette comprises a piston (4) guided in a cylinder (3); and a conveying piston (18) guided in a conveying cylinder (17). The cross-section surface of the conveying piston is larger than that of the piston (4) or a dosing piston (10) connected to the piston (4) and guided in a dosing cylinder (13). Preferred Features: The pipette further comprises a spring (7) pre-stressing the piston (4) and/or the dosing piston in the direction of a suction hood. An overflow channel (30) is provided in the line from the conveying cylinder to the cylinder (3) and/or dosing cylinder. A throttle valve (28) is arranged in the line from the conveying cylinder to the cylinder (3) and/or dosing cylinder.

IPC 1-7

B01L 3/02

IPC 8 full level

B01L 3/02 (2006.01)

CPC (source: EP)

B01L 3/0217 (2013.01)

Citation (search report)

- [X] US 3935734 A 19760203 - KEEGAN WILLIAM P
- [A] EP 0737515 A1 19961016 - LABSYSTEMS OY [FI]
- [A] DE 2651333 A1 19780511 - SARSTEDT KUNSTSTOFF

Cited by

CN111957362A

Designated contracting state (EPC)

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EP 1195200 A2 20020410; EP 1195200 A3 20031119; DE 10049507 A1 20020411; DE 10049507 B4 20090820

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