

Title (en)
PIPETTE WITH POSITIVE DISPLACEMENT

Publication
EP 0032469 B1 19830511 (FR)

Application
EP 81400023 A 19810109

Priority
FR 8000605 A 19800111

Abstract (en)
[origin: US4362064A] High-precision positive-displacement pipette having a nozzle with calibrated capillary channel and capable of disengageably fitting together with the free lower end of the pipette body. A piston fits tightly in the capillary channel and is controlled by a manually operable control rod equipped with a gripping device with which it grips the piston. An opening at this end of the body permits at least a part of the gripping device to pass through and come into contact with a stop provided on the inner surface of the nozzle so as to ensure the simultaneous ejection of the nozzle and of the piston which remains captive in the capillary channel.

IPC 1-7
B01L 3/02

IPC 8 full level
B01L 3/02 (2006.01); **G01F 11/06** (2006.01); **G01N 1/00** (2006.01); **G01N 31/18** (2006.01)

CPC (source: EP US)
B01L 3/0217 (2013.01 - EP US); **B01L 3/0279** (2013.01 - EP US)

Citation (examination)
• US 4023716 A 19770517 - SHAPIRO JUSTIN JOEL
• FR 2324366 A1 19770415 - LABORA MANNHEIM GMBH [DE]

Cited by
EP0077180A3; FR2980123A1; KR20140083992A; EP0078724A1; FR2515339A1; CN102847569A; CN110433885A; US9931625B2; US9804064B2; US9931626B2; WO2013041505A1

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