

Title (en)

DEVICE FOR WITHDRAWING AND DISTRIBUTING REGULATED QUANTITIES OF LIQUID, PROVIDED WITH A NUMERICAL DISPLAY

Publication

EP 0032098 B1 19830427 (FR)

Application

EP 80401875 A 19801229

Priority

FR 8000130 A 19800104

Abstract (en)

[origin: US4362063A] A device for sampling and dispensing adjustable volumes of liquid samples, with numerical display, is provided with a compact adjusting and display mechanism which comprises: an externally threaded sleeve which screw threadedly engages with the device housing; a prismatic control rod whose profile ensures that it rotates with the sleeve; a bush equipped, removably, with a means of causing it to rotate with the control rod; and a plurality of volume-indicator drums mounted around said bush. The sleeve serves as an adjustable end stop for a reciprocable piston actuated by the control rod.

IPC 1-7

B01L 3/02

IPC 8 full level

G01N 1/00 (2006.01); **B01L 3/02** (2006.01); **G01F 11/06** (2006.01)

CPC (source: EP US)

B01L 3/022 (2013.01 - EP US); **B01L 2300/026** (2013.01 - EP US)

Citation (examination)

- FR 2427134 A1 19791228 - SUOVANIEMI FINNPIPETTE [FI]
- FR 2203680 A1 19740517 - GILSON WARREN [US]

Cited by

CN106459865A; EP3159395A4; US9891143B2; US9925535B2

Designated contracting state (EPC)

AT BE CH DE GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0032098 A1 19810715; **EP 0032098 B1 19830427**; AT E3138 T1 19830515; DE 3062907 D1 19830601; FR 2473124 A1 19810710; FR 2473124 B1 19820625; JP S5716332 A 19820127; JP S6366576 B2 19881221; US 4362063 A 19821207

DOCDB simple family (application)

EP 80401875 A 19801229; AT 80401875 T 19801229; DE 3062907 T 19801229; FR 8000130 A 19800104; JP 18935380 A 19801229; US 22139780 A 19801230