

Title (en)
Metering valve.

Title (de)
Dosierventil.

Title (fr)
Valve doseuse.

Publication
EP 0125970 A1 19841121 (FR)

Application
EP 84400879 A 19840502

Priority
FR 8307508 A 19830505

Abstract (en)
[origin: ES279142U] A metering valve adapted to be mounted on a container for delivering a liquid under pressure contained in the container, of the type comprising a metering head with an elastic membrane, an end-sleeve, a valve body and a piston sliding in the valve body and formed with a blind central bore and a radial throughgoing hole opening into the central bore. The valve body is made of two portions, a lower portion positioned to be located inside the container when the valve is mounted on the container and an upper portion applied on the lower portion positioned to be inside the container, but extending outside the container on a major portion thereof when the valve is so mounted. The upper portion of the valve body is formed with a bore in which slides a piston limited upwardly by a shoulder forming an abutment for the piston. The piston is formed with an outer annular groove in its central portion surrounded by two O-rings. The radial throughgoing hole of the piston opens into the annular groove.

Abstract (fr)
Dans une chambre axiale d'un corps de valve (1) est prévu un piston (31) présentant un alésage axial borgne (32) débouchant vers la tête de valve (24), une gorge annulaire (38) encadrée par deux joints toriques (35 et 36) et au moins un perçage (39) entre la gorge et l'alésage.

IPC 1-7
B65D 83/14

IPC 8 full level
B05B 9/04 (2006.01); **B05B 11/00** (2006.01); **B65D 83/14** (2006.01); **B65D 83/44** (2006.01)

CPC (source: EP US)
B65D 83/546 (2013.01 - EP US); **Y10T 137/86702** (2015.04 - EP US)

Citation (search report)
• [Y] FR 2046021 A5 19710305 - BRET PIERRE, et al
• [YD] FR 1568205 A 19690523
• [Y] FR 1400129 A 19650521
• [A] CH 435559 A 19670515 - BRET PIERRE [FR]
• [A] US 3173585 A 19650316 - SAMUEL KAHN
• [A] FR 1325336 A 19630426 - SEARY LTD [US]
• [A] GB 878409 A 19610927 - UNITED DRUG AND CHEMICAL COMPA

Cited by
FR2831841A1; EP0285472A1; FR2612889A1; EP3536634A1; US10661291B2; US6398133B1; WO03039996A1

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

DOCDB simple family (publication)
EP 0125970 A1 19841121; **EP 0125970 B1 19870805**; AT E28737 T1 19870815; AU 2759384 A 19841108; AU 569075 B2 19880121; BR 8402106 A 19841211; CA 1236055 A 19880503; DE 3465176 D1 19870910; ES 279142 U 19850101; ES 279142 Y 19850616; FR 2545573 A1 19841109; FR 2545573 B1 19860620; JP H0529510 B2 19930430; JP S6041567 A 19850305; MX 158997 A 19890405; US 4809888 A 19890307

DOCDB simple family (application)
EP 84400879 A 19840502; AT 84400879 T 19840502; AU 2759384 A 19840502; BR 8402106 A 19840504; CA 453609 A 19840504; DE 3465176 T 19840502; ES 279142 U 19840503; FR 8307508 A 19830505; JP 9084184 A 19840507; MX 20119284 A 19840430; US 60725584 A 19840504