Title (en)
ACTUATING REGULATOR

Publication
EP 0109361 B1 19860827 (FR)

Application
EP 83810512 A 19831108

Priority
CH 653482 A 19821110

Abstract (en)
[origin: WO8401930A1] In order to maintain constant the flow rate of a medium (18) ejected from a container by means of compressed gas, despite the pressure drop in the container, a device comprising a differential piston (2) having different diameter bearings (12, 13, 14) and bearing against a spring (3) slides in a discharge channel (8a) having different diameter bearings (8, 9, 10, 11), enlarges proportionally to the pressure drop of the container the passage cross-sections between the piston (2) and the inner wall of the discharged channel (8a) and causes by a direction change of the medium flow (18) turbulences of a force such that they provide a high flow braking when the container pressure is high and a weakening flow braking as said pressure decreases.

IPC 1-7
B65D 83/14

IPC 8 full level
B05B 1/30 (2006.01); **B05B 1/34** (2006.01); **B65D 83/14** (2006.01); **B65D 83/16** (2006.01); **B65D 83/36** (2006.01); **B65D 83/44** (2006.01)

IPC 8 main group level
B65D (2006.01)

CPC (source: EP US)
B05B 1/3436 (2013.01 - EP US); **B05B 1/3473** (2013.01 - EP US); **B65D 83/14** (2013.01 - EP US); **B65D 83/20** (2013.01 - EP US); **B65D 83/44** (2013.01 - EP US); **B65D 83/7535** (2013.01 - EP US); Y10T 137/7792 (2015.04 - EP US)

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FR3037048A1; FR2705323A1; FR2711973A1; US5042697A; US10246251B2; WO2016198257A1; EP3536634A1; US10661291B2

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

DOCDB simple family (publication)
EP 0109361 A1 19840523; **EP 0109361 B1 19860827**; AR 231955 A1 19850430; AT E21675 T1 19860915; AU 2128083 A 19840604; AU 568611 B2 19880107; BR 8307603 A 19841002; CA 1260889 A 19890926; CH 650469 A5 19850731; DD 212019 A1 19840801; DE 3365713 D1 19861002; DK 154414 B 19881114; DK 154414 C 19890508; DK 336684 A 19840709; DK 336684 D0 19840709; EP 0124542 A1 19841114; ES 527136 A0 19850301; ES 8503301 A1 19850301; FI 74442 B 19871030; FI 74442 C 19880208; FI 842557 A0 19840626; FI 842557 A 19840626; IE 54777 B1 19900131; IE 832612 L 19840510; IL 70156 A0 19840229; IL 70156 A 19900429; IN 159687 B 19870530; JP H0749309 B1 19950531; JP S59502061 A 19841213; NO 160989 B 19890313; NO 160989 C 19890621; NO 842798 L 19840709; PT 77632 A 19831201; PT 77632 B 19860312; SU 1443794 A3 19881207; US 4650094 A 19870317; WO 8401930 A1 19840524; ZA 838356 B 19840627

DOCDB simple family (application)
EP 83810512 A 19831108; AR 29473283 A 19831107; AT 83810512 T 19831108; AU 2128083 A 19831108; BR 8307603 A 19831108; CA 440968 A 19831110; CH 653482 A 19821110; CH 8300122 W 19831108; DD 25650883 A 19831109; DE 3365713 T 19831108; DK 336684 A 19840709; EP 83903291 A 19831108; ES 527136 A 19831108; FI 842557 A 19840626; IE 261283 A 19831109; IL 7015683 A 19831107; IN 1366CA1983 A 19831108; JP 50345183 A 19831108; NO 842798 A 19840709; PT 7763283 A 19831109; SU 3773890 A 19840709; US 62954584 A 19840706; ZA 838356 A 19831109