

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.

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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
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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

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