

Title (en)
IMPROVEMENTS IN OR RELATING TO DISPENSERS

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Abstract (en)
[origin: WO9100229A1] Dispensing arrangements, comprising a gas-pressurized container for a material to be dispensed with a valve actuatable to open a discharge passage through the valve and through a valve and a valve actuator to an actuator discharge outlet, are well known in the art. The invention proposes a non-liquefied gas-pressurized dispensing arrangement capable of being used with relatively low initial gas pressures, and of discharging a relatively high percentage of the dispenser contents with an acceptable spray pattern. The proposed dispensing arrangement attains these advantages by arranging the cross-sectional area of the valve port (17c) to be many times greater than the cross-sectional area of the actuator outlet (22a). In one recited embodiment the actuator outlet has a cross-sectional area in the region of 0.049 mm² whilst the total cross-sectional area of the valve ports, the valve having four ports, is some sixteen times greater.

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