

Title (en)
DEVICE FOR DISCHARGING DOSES OF LIQUID

Title (de)
VORRICHTUNG ZUR ABGABE VON DOSIERTEN FLÜSSIGKEITSMENGEN

Title (fr)
DISPOSITIF DE DECHARGE DE DOSES DE LIQUIDE

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Application
EP 01999710 A 20011206

Priority
• GB 0105424 W 20011206
• GB 0030030 A 20001208

Abstract (en)
[origin: WO0246540A1] The device comprises a housing (10) having an inlet (12) for coupling to a supply (14) of pressurized liquid and an outlet (16). A spring-loaded plunger (23) defines a dosing chamber (24) within the housing (10). An inlet valve (41) closes the inlet (12). An outlet valve (27) closes the outlet (16). The inlet valve (41) is opened when operation of the device is required. The outlet valve (27) is closed when the inlet valve (41) is initially opened, thereby to allow pressurized liquid to enter the dosing chamber (24) against the tension of the plunger spring (25). The inlet valve (41) is closed and the outlet valve (27) is opened when a predetermined volume of liquid has entered the dosing chamber (24). Tension in the plunger spring (25) then drives the plunger (23) in a direction to dispel a dose of liquid of a predetermined volume through the outlet (16).

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