

Title (en)  
SPRAY PISTOL

Publication  
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Application  
**EP 82103703 A 19820430**

Priority  
DE 3118207 A 19810508

Abstract (en)  
[origin: US4403738A] This invention relates to an improved sprayer means wherein the improvement comprises (a) a pressurized water feed, having a minimum pressure valve unit and leading to the mixing chamber of the nozzle spray head, which water feed is fed first to a water motor provided with a drive piston driven by the pressure of the inflowing water and then to a double-action metering pump having a metering piston coupled with said drive piston of the water motor, the cross-sectional area of the metering piston and the cross-sectional area of the drive piston being in a predetermined ratio; (b) a flexible container for chemicals residing in a detachable rigid vessel connected to a metering outlet line of the metering pump, said flexible container being connected by the mixing chamber of the nozzle spray head by a container outlet valve and a container line, the chemicals being displaced from the flexible container by water metered through the metering outlet line into the vessel; and (c) a feedback line leading from the cylinder of the metering pump to a pressure water connection valve that is capable of closing in the event of overpressure in the metering pump to shut off inflowing pressurized water.

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IPC 8 full level  
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Cited by  
RU2608490C2; RU2608490C9; EP4000744A1; EP3630370A4; DE102016125462A1; US11318488B2; WO2013134182A1; WO2007088720A1; DE202016107283U1

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