

Title (en)

Device for automatically topping-up a container with liquid

Title (de)

Vorrichtung zur automatischen Nachfüllung eines Flüssigkeitsbehälters

Title (fr)

Dispositif de remplissage automatique d'un réservoir avec un liquide

Publication

EP 0779414 B1 20010516 (EN)

Application

EP 96119798 A 19961210

Priority

IT TO950993 A 19951212

Abstract (en)

[origin: EP0779414A1] A device (1) for automatically topping-up a container (2) with liquid, provided with a pneumatically actuated pump (4) and having an intake orifice (51) connected to a liquid collecting reservoir (5) and a delivery orifice (53) for the liquid itself, with a cylindrical sensor means (15, 33) disposed substantially in alignment with a desired level (L3) of the liquid in the container (2) and comprising a chamber (34) having at least one opening (30) communicating with the interior of the container (2) itself and a piston (33) adapted to slide in a sealed manner in the chamber (34) when the level of liquid in the container is below said desired level (L3), with a duct (40) provided in the body of piston (33) and adapted to be actuated pneumatically to displace the piston (33) itself between a closed position between the duct (40) and the opening (30) and an opening position of the connection itself, and with means (8 10) for actuating pneumatically and simultaneously the pump (4) and the actuator means (35). <IMAGE>

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IPC 8 full level

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CPC (source: EP)

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