

Title (en)

Device for automatically topping-up a container with liquid and method for controlling said device

Title (de)

Vorrichtung zur automatischen Nachfüllung eines Flüssigkeitsbehälters und Verfahren zur Regelung

Title (fr)

Dispositif de remplissage automatique d'un réservoir avec un liquide et procédé de réglage

Publication

**EP 0779413 B1 20030312 (EN)**

Application

**EP 96119797 A 19961210**

Priority

IT TO950994 A 19951212

Abstract (en)

[origin: EP0779413A1] A device (1) for automatically topping-up a container (2) with liquid, provided with a pump (4) having a piston (50) moving in a chamber (49) having an intake orifice (51) connected to a liquid collecting reservoir (5) and a delivery orifice (53) connected to the container (2), with means (8, 10) for actuating the pump (4), with a sensor assembly (15, 33, 60) adapted to enable a topping-up cycle to be carried out if the level of liquid in the container (2) is below a desired level (L3), and with an electronic control unit (58) which is connected to said actuating means (8, 10) and to the sensor assembly (15, 33, 60), and which energises for intervals of time T2 of preset duration the actuating means (8, 10) to carry out successive topping-up cycles in response to an enabling signal (S) generated by the sensor assembly (15, 33, 60). <IMAGE>

IPC 1-7

**F01M 11/04**; **F01M 11/06**

IPC 8 full level

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CPC (source: EP)

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**EP 0779413 A1 19970618**; **EP 0779413 B1 20030312**; DE 69626614 D1 20030417; DE 69626614 T2 20031113; ES 2191735 T3 20030916; IT 1281065 B1 19980211; IT TO950994 A0 19951212; IT TO950994 A1 19970612

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