

Title (en)

METHOD FOR FEEDING A CLOSED LIQUID SYSTEM

Title (de)

VERFAHREN ZUR EINSPEISUNG IN EINE GESCHLOSSENE FLÜSSIGKEITSANLAGE

Title (fr)

PROCEDE D'ALIMENTATION D'UN SYSTEME DE LIQUIDE FERME

Publication

**EP 1373803 B1 20051214 (EN)**

Application

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Priority

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Abstract (en)

[origin: WO02079696A1] A method for automatically feeding a closed liquid system from a liquid source according to need by creating between the liquid source and the closed liquid system a feed buffer formed from liquid, in which between the liquid source and the feed buffer only liquid flow in the direction of the feed buffers is allowed and from the feed buffer to the closed liquid system only dropwise liquid transport is admitted. The feed buffer can be realized with a cylindrical drip feeder with inlet, outlet and freely movable plunger, which can close the outlet in an abutting position while leaving clear a minuscule leakage channel and is provided with a passage with a non-return valve in the direction of the inlet. Such a drip feeder can, with or without insertion of a storage container for liquid, be connected with, for instance, a liquid system, such as a central heating system with pipe system, boiler and expansion tank.

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