

Title (en)
SYSTEM FOR WATER DISPENSER DISINFECTION BY INTEGRAL HEATING, CORRESPONDING METHOD, DEVICE AND FOUNTAINS

Title (de)
DESINFEKTION VON WASSERSPENDERN DURCH INTEGRALE BEHEIZUNG, SYSTEM, VERFAHREN UNDEVORRICHTUNG SOWIE ZUGEHÖRIGER WASSERSPENDER

Title (fr)
SYSTEME DE DESINFECTION DE FONTAINE A EAU PAR CHAUFFAGE INTEGRAL, PROCEDE, DISPOSITIF ET FONTAINES CORRESPONDANTS

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Application
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• FR 0112624 A 20010927

Abstract (en)
[origin: WO03027023A1] The invention concerns a water dispenser (1), for example but not exclusively of the type comprising a removable carboy (2), set on the striking device (and receptacle) (3); said carboy supplies with water the reservoir (4) which opens onto a dispensing tap (6). An evaporator (5) enables optional cooling of the water upstream of the tap (6). The invention consists in enclosing part (sufficient to obtain the desired effect) of the lateral surface of the reservoir (4) with a heating device (7), in particular a hot plate which matches the lateral surface of the reservoir (4). At regular intervals, the plate (7) heats the water of the reservoir (4) to a certain temperature and for sufficient time to destroy the pathogenic bacteria. The method is useful for disinfecting by integral periodic heating the system circulating and dispensing water to any type of fountain, carboy, with direct expansion, or with ice. The disinfection is complete, including at the microcracks, joints and the like and provides total destruction or prevention of biological film.

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Citation (search report)
See references of WO 03027023A1

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