

Title (en)
DRINKING AND DOMESTIC WATER SYSTEM AND METHOD FOR FLUSHING THE SAME

Title (de)
TRINK- UND BRAUCHWASSERSYSTEM UND VERFAHREN ZUM SPÜLEN DESSELBEN

Title (fr)
SYSTÈME D'EAU POTABLE ET D'EAU SANITAIRE ET SON PROCÉDÉ DE RINÇAGE

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Application
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Abstract (en)
[origin: CA3069200A1] The present invention refers to a drinking and service water system with a connection (2) to the public water supply network, at least one supply line (4, 6) leading to at least one consumer (8), a flushing valve (10) downstream of the consumer (8) in the flow direction for draining water from the drinking and service water system, a control unit (12) connected to the flushing valve (10) in terms of control, and a first temperature sensor (18) upstream of the consumer (8) in the flow direction, the control unit (12) comprising a flushing module which determines flushing processes to the control unit (12) at specific times and/or at specific time intervals. This invention is intended to provide a drinking and service water system which, with an efficient flushing device, fulfills the hygienic requirements placed on a drinking water system. To solve the problem, a second temperature sensor (20) is arranged between the consumer (8) and the flushing valve (10) and the control unit (12) is arranged to decide whether the predetermined flushing operation is to be suspended or postponed on the basis of a temperature difference between a measured value of the first temperature sensor (18) and a measured value of the second temperature sensor (20). In a secondary aspect, the present invention provides a method for flushing such a system.

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