

Title (en)

System for stopping water flow in water use installations

Title (de)

System zum Stoppen des Wasserflusses in wassernutzenden Installationen

Title (fr)

Système pour arrêter l'écoulement d'eau dans des installations d'utilisation d'eau

Publication

EP 2687788 A1 20140122 (EN)

Application

EP 13382280 A 20130708

Priority

ES 201231127 A 20120718

Abstract (en)

The system is based on fitting a thermostatic bypass (1) at the point of use of the water, such as a faucet (6), between the hot water pipe (4) and the cold water pipe (5), connected to a heating boiler (8) of a water consumption installation, so that opening and closing the faucet (6) will turn on the boiler (8) and the circulation pump (9) fitted in the hot water pipe (4), making the water run through said hot water pipe (4), the bypass (1), the cold water pipe (5) and the return pipe to the boiler (8), heating the water until a preset temperature is reached, at which time the bypass (1) is closed and the hot water is available at the faucet (6) when it is opened in the hot water position. The circulation pump is governed by a relay (10) that is activated by a flow switch (11) fitted in the hot water pipe (4).

IPC 8 full level

F24D 17/00 (2006.01); **F24D 19/10** (2006.01)

CPC (source: EP ES US)

E03B 7/045 (2013.01 - EP); **F24D 17/0078** (2013.01 - EP ES); **F24D 19/1051** (2013.01 - EP ES US)

Citation (search report)

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

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