

Title (en)
Potable water system

Title (de)
Trinkwassersystem

Title (fr)
Système d'eau potable

Publication
EP 2722449 B1 20210721 (EN)

Application
EP 12189268 A 20121019

Priority
EP 12189268 A 20121019

Abstract (en)
[origin: EP2722449A1] Potable water system for a building, comprising a hot water supply line (10), a cold water supply line (11) and a plurality of water consumers (12) branching off from the hot water supply line (10) and the cold water supply line (11), wherein each water consumer (12) has a mixing valve (13) having a first inlet (14) connected to the hot water supply line (10), a second inlet (15) connected to the cold water supply line (11) and an outlet (16) connected to a withdrawal line (17) conducting mixed water to a point of withdrawal (18) of the respective water consumer (12), and further comprising a controller (29) receiving an actual value of the hot water temperature and an actual value of the cold water temperature, wherein the controller (29) generates at least one control signal for preventing and/or counteracting microbiological growth within the potable water system. The controller (29) receives in addition to the hot water temperature and the cold water temperature an actual value of at least one mixed water temperature of each water consumer (12), wherein the controller (29) generates for each water consumer (12) at least one water consumer individual control signal for preventing and/or counteracting microbiological growth within the potable water system.

IPC 8 full level
E03B 7/04 (2006.01); **E03B 7/07** (2006.01)

CPC (source: EP)
E03B 7/04 (2013.01); **E03B 7/07** (2013.01)

Cited by
DE202017100660U1; EP3690151A1; CN111851649A; US10711439B2; US11225780B2

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

DOCDB simple family (publication)
EP 2722449 A1 20140423; EP 2722449 B1 20210721

DOCDB simple family (application)
EP 12189268 A 20121019