

Title (en)

Drinking water supply system for conservation of drinking water quality and method for operating such supply system

Title (de)

Trinkwasserleitungssystem zur Erhaltung der Trinkwassergüte und Verfahren zum Betrieb eines solchen Trinkwasserleitungssystems

Title (fr)

Réseau de canalisations d'eau potable pour la préservation de la qualité de l'eau potable et procédé d'opération d'un tel réseau

Publication

EP 2166159 B1 20151223 (DE)

Application

EP 09170586 A 20090917

Priority

DE 102008047938 A 20080918

Abstract (en)

[origin: EP2166159A2] The system has a cistern (14) attached to an outlet of a cold water strand (7.1), and a valve opened to toilet or urinal flush. The cistern or the valve is arranged in a center of an area, when the strand is designed as a ring line. An electronic control unit (15) has a time measuring device, and a sensor detects withdrawal of drinking water from the strand. The sensor activates the measuring device during the water withdrawal. The control unit controls the valve or actuating device for activating the flush, when a preset time interval exceeds after the last water withdrawal. An independent claim is also included for a method for operating a drinking water supply system.

IPC 8 full level

E03B 7/04 (2006.01)

CPC (source: EP)

E03B 7/08 (2013.01)

Citation (opposition)

Opponent : Schell GmbH & Co. KG

- EP 1887150 A2 20080213 - KEMPER GEBR GMBH & CO KG [DE]
- EP 1845207 A1 20071017 - KEMPER GEBR GMBH & CO KG [DE]
- DE 19631403 A1 19980205 - KAMP OTTO [DE]
- EP 1820910 A2 20070822 - MARKMAN HENDRICUS [NL], et al
- DE 202007010982 U1 20071108 - ORTH DETLEF [DE]
- DE 3916195 A1 19900802 - MILLER BERNHARD [DE]
- DE 9302446 U1 19930401
- DE 8915477 U1 19901122
- DE 19631403 A1 19980205 - KAMP OTTO [DE]

Cited by

DE102019105614A1; EP3992378A1; EP3214230A1; EP3604698A1; DE102018118651A1; DE102018118651A8; EP2466019A3; EP3321594A1; EP3315673A3; US10890338B2; US10934690B2; EP3147577A1; EP3705635A1; WO2020178062A1; EP4079980A1; US11732452B2; EP3214230B1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 2166159 A2 20100324; EP 2166159 A3 20121219; EP 2166159 B1 20151223; DE 102008047938 A1 20100401; DK 2166159 T3 20160321; PL 2166159 T3 20160630

DOCDB simple family (application)

EP 09170586 A 20090917; DE 102008047938 A 20080918; DK 09170586 T 20090917; PL 09170586 T 20090917