

Title (en)

Drinking water system and method for operating such a system

Title (de)

Trinkwassersystem sowie Verfahren zum Betrieb eines solchen Systems

Title (fr)

Système d'eau potable tout comme son procédé de fonctionnement

Publication

EP 1845207 B1 20160511 (DE)

Application

EP 07007597 A 20070413

Priority

DE 102006017807 A 20060413

Abstract (en)

[origin: EP1845207A1] The system has a transfer point of a public drinking water supply net, and a floor line and/or a riser line (2) and a set of closed circular pipes (10), where the pipes are guided to a tapping point (12) and arranged in series in an extension direction of the line. The circular pipes exit in the riser line and discharge in the line in the flow direction of the line. A controllable valve produces a rinsing current in the line in an opened condition, such that water in the line is exchanged and discharged into a sewage disposal network. An independent claim is also included for a method for operating a drinking or an industrial water system.

IPC 8 full level

E03B 7/04 (2006.01); **E03B 7/09** (2006.01); **F24D 17/00** (2006.01)

CPC (source: EP)

E03B 7/045 (2013.01); **E03B 7/09** (2013.01); **F24D 17/00** (2013.01); **F24D 17/0073** (2013.01); **F24D 17/0078** (2013.01)

Citation (examination)

- DE 19631403 A1 19980205 - KAMP OTTO [DE]
- US 2005103693 A1 20050519 - PALM JOSEPH M [US], et al
- BOGER G A ET AL: "Beuth-Kommentare", 1 January 1989, 19890101, XP003023649

Cited by

DE102011010840B4; EP4137645A1; WO2009060285A1; DE202016106313U1; DE202008002822U1; EP4056768A1; DE102008047938A1; DE202018003798U1; EP2466019A3; RU2493331C2; EP2233648A1; EP3375939A1; DE202015006366U1; EP3138965A1; DE202017006045U1; EP2096214A2; US9702124B2; EP3957860A1; LU102008B1; EP3495745A1; DE102018118910A1; DE102011010840A1; EP3037591A1; DE202021104440U1; EP3670765A1; DE202015007277U1; EP3159457A1; WO2019072807A1; EP3321594A1; US10890338B2; US11085174B2; US11499299B2; US11680392B2; EP2487301B1; EP2166159B1; EP3695058B1; EP3375939B1

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1845207 A1 20071017; EP 1845207 B1 20160511; DE 102006017807 A1 20071018; DE 102006017807 B4 20131024; DK 1887150 T3 20161219; DK 2264251 T3 20161107; EP 1887150 A2 20080213; EP 1887150 A3 20130306; EP 1887150 B1 20160914; EP 2264251 A2 20101222; EP 2264251 A3 20130306; EP 2264251 B1 20160824; PL 1845207 T3 20161130; PL 1887150 T3 20170531; PL 2264251 T3 20170831; SI 1845207 T1 20160729; SI 2264251 T1 20161130

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