

Title (en)
Drinking and domestic water system and method for operating such a system

Title (de)
Trink- und Brauchwassersystem sowie Verfahren zum Betrieb eines solchen Systems

Title (fr)
Système d'eau potable et usée tout comme son procédé de fonctionnement

Publication
EP 1887150 B1 20160914 (DE)

Application
EP 07022601 A 20070413

Priority
• EP 07007597 A 20070413
• 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 (opposition)
Opponent : Georg Fischer JRG AG,
• DE 9302446 U1 19930401
• DE 8915477 U1 19901122
• DE 19631403 A1 19980205 - KAMP OTTO [DE]
• US 2005103693 A1 20050519 - PALM JOSEPH M [US], et al
• DE 102005024252 A1 20061130 - TRACEMAK GBR VERTRETUNGSBERECH [DE]
• DE 10031854 A1 20020117 - JESCHKE IMMANUEL [DE]
• US 5622203 A 19970422 - GIVLER JOHN D [US], et al
• US 5518022 A 19960521 - ZIEHM RAYMOND G [US]
• BOGER ET AL.: "Beuth-Kommentare - Kommentarr zu DIN 1988 Teile 1 bis 8", 1989, pages: 413 - 415, XP003023649
Opponent : Viega Technology GmbH & Co. KG
• DE 9302446 U1 19930401
• DE 8915477 U1 19901122
• EP 0809079 A1 19971126 - ZIEHM RAYMOND G [US]
• "Trinkwasserinstallationen und Heizkörperanbindungen: Einzelanschluss oder Ringleitung?", IKZ PRAXIS, April 2001 (2001-04-01), pages 4ff, XP055393550
• "ViegaCAD für die Haustechnik", BENUTZERHANDBUCH, 1998, pages 1-11,236-245, XP055393552
• BEUTH-KOMMENTARE, KOMMENTAR ZU DIN 1988 TEILE 1 BIS 8, 1989, pages 413 - 415, XP055393556

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Designated contracting state (EPC)
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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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