

Title (en)

Water pipe system with taps including a flushing channel between hot and cold water entries to prevent Legionella

Title (de)

Hauswassersystem mit Wasserhähnen mit einem Spülkanal zwischen dem Warmwasseranschluss und dem Kaltwasseranschluss zur Vermeidung von Legionellen

Title (fr)

Système de distribution d'eau comprenant des robinets avec un canal connectant les raccords d'eau chaude et froide pour éviter des Légionella

Publication

EP 2292851 A1 20110309 (EN)

Application

EP 10170820 A 20100726

Priority

- NL 2003291 A 20090725
- NL 2005157 A 20100724

Abstract (en)

Sanitary system comprising a cold water source (12), a hot water source (7) and pipes for hot (3) and cold (2, 29) water, connected to mixers (8, 26) with spout to tap warm water, which within the mixer is mixed from water from both pipes (2, 3, 29), and with means to flush the pipes (2, 3, 29) with a treatment agent to counteract legionella. The treatment agent flows from the hot water pipe through the thereto connected mixer into the cold water pipe, without water outflow from the spout. The mixers are provided with an internal permanent water connection (flushing channel) between the hot and cold water side, such that with completely closed mixer, through said flushing channel water can flow from the hot to the cold water side, while no water flows from the spout.

IPC 8 full level

E03C 1/04 (2006.01); **E03B 7/04** (2006.01); **F24D 17/00** (2006.01)

CPC (source: EP)

E03B 7/04 (2013.01); **E03B 7/08** (2013.01); **E03C 1/04** (2013.01); **F24D 17/0073** (2013.01)

Citation (applicant)

EP 1820910 A2 20070822 - MARKMAN HENDRICUS [NL], et al

Citation (search report)

- [XII] DE 3832837 A1 19900329 - STIEBEL ELTRON GMBH & CO KG [DE]
- [XII] DE 102004033307 A1 20050331 - MILLER BERNHARD [DE]
- [XII] DE 3723089 A1 19890126 - STIEBEL ELTRON GMBH & CO KG [DE]

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 SE SI SK SM TR

Designated extension state (EPC)

BA ME RS

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DOCDB simple family (application)

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