Title (en)

A METHOD OF REDUCING GROWTH OF BACTERIA IN A WATER MIXER VALVE AND A MIXER VALVE FOR USING THE METHOD

Title (de)

VERFAHREN ZUR VERRINGERUNG VON BAKTERIENWACHSTUM IN EINEM WASSERMISCHVENTIL UND WASSERMISCHVENTIL ZUR VERWENDUNG DES VERFAHRENS

Title (fr)

PROCEDE PERMETTANT DE DIMINUER LA CROISSANCE DE BACTERIES DANS UNE SOUPAPE DE MELANGE D'EAU ET SOUPAPE DE MELANGE D'EAU METTANT EN OEUVRE CE PROCEDE

Publication

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Application

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Priority

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- SE 0004225 A 20001117

Abstract (en)

[origin: WO0240906A1] In a method of reducing bacterial growth in a water mixer (1) with an associated consumer line (6), there are used supply lines (10; 11) for cold and water respectively. These lines open into a chamber (17) for mixed water after passing through a cold water chamber (15) and a hot water chamber (16) respectively. A cold water circulation line (21) extends from the cold water chamber (15). The temperature of the water in the circulation line is sensed by a sensor (22) and the circulating water is cooled prior to being returned via the cold water supply line (10). The consumer line is drained of water subsequent to a consumer sequence, wherewith additional cold water is supplied to the mixer in order to lower the temperature therein and also the temperature in the consumer line (6). The additional cold water is also drained from the mixer and the consumer line. The method enables the system temperature to be kept at a low level sufficient to obviate the risk of the growth of legionella bacteria. The invention also relates to a mixer for carrying out the method.

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