

Title (en)
WATER OUTLET FOR A LOW-PRESSURE SANITARY OUTLET FITTING

Title (de)
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Title (fr)
ÉVACUATION D'EAU POUR UNE INSTALLATION SANITAIRE BASSE PRESSION

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Application
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Abstract (en)
[origin: WO2009006956A1] The invention relates to a water outlet (1) for a low-pressure sanitary outlet fitting. It is characteristic of the water outlet (1) according to the invention that it has a perforated structure (2) which is air-permeable counter to the water outlet direction and, in the unpressurized state, holds water in the outlet direction and has a plurality of throughflow holes (3), and has at least one bypass (4) which bypasses the perforated structure (2), has an opening cross section which is larger than one of the throughflow holes (3) and has a bypass valve (5) which is movable from a closed position into an open position counter to a resetting force as a consequence of an increase in pressure on the inflow side. If the hot water tank connected upstream of the water outlet fitting increasingly contracts as the heated water therein cools, air can nevertheless be sucked in via the perforated structure (2) and the pressure can be equalized. If, by contrast, there is the risk of excessive pressures building up with the heating of the water in the hot water tank because, for example, the perforated structure (2) is soiled by dirt particles carried along in the water, the bypass (4) and its at least one bypass valve (5) become effective, said bypass valve moving from its closed position into its open position counter to a resetting force as a consequence of said increase in pressure (cf. Figure 1).

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Citation (search report)
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Cited by
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