

Title (en)
WATER SUPPLY SYSTEM WITH FLUSHING CISTERN

Title (de)
TRINKWASSERLEITUNGSSYSTEM MIT EINEM SPÜLKASTEN

Title (fr)
SYSTÈME DE CONDUITE D'EAU POTABLE DOTÉ D'UN RÉSERVOIR DE CHASSE D'EAU

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Application
EP 22177765 A 20200225

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Abstract (en)
[origin: WO2020178062A1] The invention relates to a cistern (1), in particular a flush-mounted cistern, for a toilet or urinal, having: an outflow valve (2) which has a closure body (3) which can be lifted from a closed position into a flushing position, the closure body being in the form of an overflow pipe and having a seal which rests sealingly on a valve seat when in the closed position; at least one water supply pipe (13, 14); a valve assembly for letting in drinking water present in the water supply pipe (13, 14); a water drainage pipe (15) for draining the drinking water let in by the valve assembly; and a controller which generates a control signal for actuating the valve assembly depending on a sensor signal and/or when a predefined time interval has elapsed since the last time drinking water was drawn from a cold water pipe or hot water pipe connected to the water supply pipe (13, 14), the valve assembly letting in water from the water supply pipe depending on the control signal. According to the invention, the water drainage pipe (15) is designed such that it drains drinking water let in by the valve assembly directly into the overflow pipe (3). The cistern according to the invention makes it easier to maintain drinking water hygiene, provides the option of carrying out necessary hygiene flushes with relatively low water consumption, and allows hygiene flushing independently of the flushing water level.

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