

Title (en)
LEVEL REGULATING BOTTOM VALVE DEVICE FOR LIQUID RECEPTACLES

Publication
EP 0137021 B1 19861105 (EN)

Application
EP 84900902 A 19840210

Priority
SE 8300750 A 19830211

Abstract (en)
[origin: WO8403116A1] A level-regulating bottom valve device with a water trap function for liquid receptacle outlets comprises a float housing (5) with a float (18), an upper opening (9) connected or connectable to the receptacle outlet (10) and a lower opening (16, 17) connected to an outlet conduit member (6) for connection to a wastewater system, the float (18) being adapted for actuation to sealing engagement against said upper opening or said receptacle outlet (10), thereby to close it off when the buoyancy of the float (18) in the float housing (5) is greater than the head (H) of water over the float in the receptacle (2), but is released from the opening or receptacle outlet when said head (H) exceeds the buoyancy of the float (18), said conduit (6) having in its flow path a portion (20) of regulatable level which can be brought to a greater level than the bottom opening of the float housing (5), whereby the level of liquid in the float housing (5) can be regulated so that opening the receptacle outlet (10) is provided by lowering said regulatable-level portion (20) until the liquid level in the float housing (5) has a level such that the float (18) does not seal, and that closure is provided by raising the level-regulatable portion (20) to a liquid level in the float housing (5) such that the float (18) seals the upper opening or the receptacle outlet (10), said increase in height being adjustable to give desired maximum liquid level in the receptacle (2).

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E03C 1/232

IPC 8 full level
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