

Title (en)

SYSTEM FOR REGULATING THE FLOW OF WATER

Title (de)

SYSTEM ZUR REGULIERUNG DES DURCHFLUSSES VON WASSER

Title (fr)

SYSTÈME PERMETTANT DE RÉGULER UN DÉBIT D'EAU

Publication

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Application

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Priority

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Abstract (en)

[origin: EP3064668A1] The present invention related to a system (1) for regulating the flow of water from a water container source, the system (1) comprising a water container (2) for holding water comprising a container inlet (8) adapted to receive water from the surroundings and a container outlet (10) adapted to release water to the surroundings, a regulation unit (3) arranged in an inner volume (9) of the water container (2), where the regulation unit (3) comprises a receptacle (15) having a unit inlet (21) adapted to receive water from the water container (2) and a unit outlet (22), a buoyancy device (24) comprising a first (27) and a second open end (28), a connecting piece (26) and a tube (25), wherein a first end (35) of the tube (25) is connected to the second open end (28) of the buoyancy device (24) and a second end (36) of the tube (25) is connected to the connecting piece (26), and wherein the connecting piece (26) interconnects the unit outlet (22) of the receptacle (15) and the container outlet (10) of the water container (2), wherein said buoyancy device (24) is adapted to float at the surface level of the water in the receptacle (15) and thus adapted to move vertically in the receptacle (15) relative to the surface level of water in the receptacle (15), and wherein the buoyancy device (24) comprises at least one opening (31,32) which is adapted to be below the surface level of the water in the receptacle (15) when the buoyancy device (24) floats at the surface level of the water. The present invention further relates to a regulation unit and a method regulating the flow of water.

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