

Title (en)

A device for reducing the consumption of running water

Title (de)

Vorrichtung zur Verminderung des Frischwasserverbrauchs

Title (fr)

Dispositif destiné à réduire la consommation en eau douce

Publication

**EP 2273015 A1 20110112 (EN)**

Application

**EP 10168072 A 20100701**

Priority

IT FI20090142 A 20090701

Abstract (en)

A device for regulating the flow of running water comprising a main body (10) crossed by a conduit (11) communicating with the outside by means of inlet and outlet openings (12,13), said main body (10) comprising: a threaded ring nut (14) arranged at said inlet opening (12) and adapted to be engaged with similar threading of standard type on the end part of the valve or shower tube; a solenoid valve (15) associated with said conduit (11); a presence sensor (17); a control module (18) associated with said solenoid valve (15) and with said presence sensor (17), and adapted to manage the opening time of the aforesaid solenoid valve (15) according to the detections carried out by said presence sensor (17); a battery (16) associated with said solenoid valve (15) and with said control module (18).

IPC 8 full level

**E03C 1/05** (2006.01); **B05B 1/30** (2006.01); **E03C 1/06** (2006.01)

CPC (source: EP US)

**B05B 1/30** (2013.01 - EP US); **E03C 1/05** (2013.01 - EP); **E03C 1/057** (2013.01 - EP); **E03C 1/06** (2013.01 - EP); **B05B 1/18** (2013.01 - EP); **B05B 12/122** (2013.01 - EP)

Citation (search report)

- [XY] WO 8705352 A1 19870911 - RECURRENT SOLUTIONS LTD [US]
- [Y] DE 20206830 U1 20030213 - ORANBAY SAFAK [DE]
- [X] US 2002092996 A1 20020718 - FAN HUAN-CHANG [TW]
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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

BA ME RS

DOCDB simple family (publication)

**EP 2273015 A1 20110112**; IT FI20090142 A1 20110102

DOCDB simple family (application)

**EP 10168072 A 20100701**; IT FI20090142 A 20090701