

Title (en)

Automatic shower tray or wet-room gulley

Title (de)

Automatische Duschwanne oder Feuchtraumabfluss

Title (fr)

Bac de douche automatique ou rigole de salle d'eau

Publication

EP 2363540 A3 20151014 (EN)

Application

EP 11156152 A 20110228

Priority

GB 201003408 A 20100301

Abstract (en)

[origin: EP2363540A2] A gulley for a shower tray or wet-room is disclosed which is able to facilitate activation of a pump for removing waste water from the shower tray or wet-room as required by the presence or absence of waste water in the gulley. The gulley comprises a chamber having an inlet for waste water and an outlet for connection to a pump; a magnetic element; a magnetic sensor; a float; and a confining structure. One of the magnetic sensor and the magnetic element is arranged in the float. The confining structure surrounds the float, with the float being freely movable within the confines of the confining structure. The float is arranged for movement within the confines of the confining structure so that the relative position of the magnetic sensor and the magnetic element changes in dependence upon the level of waste water within the chamber. Such an arrangement is able to provide an automatic gulley which can reliably and rapidly activate a pump based on the level of waste water in the gulley and which reduces the likelihood of the mechanism being fouled by local contaminants, hair, scum, and the like.

IPC 8 full level

E03F 5/04 (2006.01); **E03C 1/122** (2006.01)

CPC (source: EP GB)

A47K 3/28 (2013.01 - GB); **A47K 3/40** (2013.01 - GB); **E03C 1/12** (2013.01 - GB); **E03C 1/1227** (2013.01 - EP); **E03C 1/22** (2013.01 - GB); **E03C 1/24** (2013.01 - GB); **E03F 5/0408** (2013.01 - EP); **E03F 5/22** (2013.01 - EP)

Citation (search report)

- [X] GB 2421055 A 20060614 - DLP LTD [GB]
- [I] GB 2355653 A 20010502 - MACRO MARINE LTD [GB]
- [A] CH 512028 A 19710831 - BUCHER RENE [CH]

Cited by

EP2604161A3; CN114207400A; WO2017176188A1; WO2021025607A1; WO2022229290A1; WO2024079214A3

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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2363540 A2 20110907; **EP 2363540 A3 20151014**; GB 201003408 D0 20100414; GB 2478288 A 20110907

DOCDB simple family (application)

EP 11156152 A 20110228; GB 201003408 A 20100301