

Title (en)

Actuator for the discharge valve of a flush cistern

Title (de)

Betätigungseinrichtung am Ablaufventil eines Spülkastens

Title (fr)

Dispositif d'actionnement d'un clapet de vidange d'un réservoir de chasse

Publication

EP 0479716 B1 19960911 (DE)

Application

EP 91810634 A 19910813

Priority

CH 280890 A 19900829

Abstract (en)

[origin: US5265282A] The actuating device has a vertically displaceable trigger (9) which is mounted on a hood-shaped housing part (6a) of the drain valve (3). A lever (2), whose horizontal axis of rotation (5) is mounted on a float housing (6b), is pivoted with the trigger (9) in one or the other direction of rotation. To induce flushing, the trigger (9) is moved in the downward direction with a release knob (1) against the restoring force of a spring (24). The trigger (9) now engages a pivotable arm (9b), and the lever (2) is pivoted such that a valve tube (4) connected to the lever (2) is raised, and the valve opening (11i) is thus opened. If the release knob (1) is moved once again in the downward direction after a partial flushing, the trigger (9) will engage another pivot arm (2a), and the lever (2) will again be pivoted into the starting position, in which the outlet opening (11i) is closed.

IPC 1-7

E03D 1/14

IPC 8 full level

E03D 1/14 (2006.01)

CPC (source: EP US)

E03D 1/142 (2013.01 - EP US); **E03D 2001/147** (2013.01 - EP US)

Cited by

EP1995386A1; DE9316824U1; EP0683275A3; FR2707316A1; CN104968982A; EP0761892A1; FR2714092A1; WO9517558A1; WO0146528A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

US 5265282 A 19931130; AT E142732 T1 19960915; CA 2049388 A1 19920301; CA 2049388 C 19981201; DE 59108173 D1 19961017; DE 9110092 U1 19911017; DK 0479716 T3 19970106; EP 0479716 A2 19920408; EP 0479716 A3 19930609; EP 0479716 B1 19960911; ES 2093086 T3 19961216; PT 98798 A 19930930; PT 98798 B 19990430; TR 27050 A 19941010

DOCDB simple family (application)

US 75114291 A 19910828; AT 91810634 T 19910813; CA 2049388 A 19910816; DE 59108173 T 19910813; DE 9110092 U 19910816; DK 91810634 T 19910813; EP 91810634 A 19910813; ES 91810634 T 19910813; PT 9879891 A 19910828; TR 87391 A 19910826