

Title (en)
Flushing cistern outlet arrangement

Title (de)
Spülkastenablaufgarnitur

Title (fr)
Arrangement d'évacuation pour réservoir de chasse

Publication
EP 0915211 A3 19991020 (DE)

Application
EP 98120769 A 19981102

Priority
DE 19748622 A 19971104

Abstract (en)
[origin: US6006371A] A flush valve has a valve ring defining a downwardly open valve port, an overflow tube centered on an upright axis and having a lower end opening into the valve port, and a valve body at the tube lower end displaceable relative to the port between a closed blocking position and an open position. Mechanism inside the tube lifts the valve body into the open position. A float in the tank adjacent the port cooperates with a latch system connected to the valve body for holding the body in the open position while the float is generally submerged. The tube is internally formed with an inwardly projecting ridge. The mechanism includes a frame inside the tube and fixed axially in the tank, at least one claw axially displaceable in the tube relative to the frame and engageable with the ridge, an actuating element accessible from outside the tank above the tube and axially aligned with the tube, and a direction-reversing linkage mounted on the frame and connected between the actuating element and the claw for raising the claw when the element is depressed.

IPC 1-7
E03D 1/14

IPC 8 full level
E03D 1/14 (2006.01); **E03D 1/34** (2006.01)

CPC (source: EP US)
E03D 1/34 (2013.01 - EP US)

Citation (search report)
• [X] WO 9717503 A1 19970515 - RAGOT CLAUDE [FR]
• [A] EP 0685605 A1 19951206 - SIAMP CEDAP REUNIES [MC]
• [A] FR 2744742 A1 19970814 - PIAT MOISE [FR]
• [A] FR 2698645 A1 19940603 - SPMP [FR]

Cited by
EP3321435A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
US 6006371 A 19991228; AT E288520 T1 20050215; AU 744967 B2 20020307; AU 9048298 A 19990527; BR 9804409 A 20010918; DE 19748622 A1 19990506; DE 59812534 D1 20050310; EP 0915211 A2 19990512; EP 0915211 A3 19991020; EP 0915211 B1 20050202; ES 2237818 T3 20050801; ZA 989731 B 19990504

DOCDB simple family (application)
US 17616398 A 19981021; AT 98120769 T 19981102; AU 9048298 A 19981102; BR 9804409 A 19981020; DE 19748622 A 19971104; DE 59812534 T 19981102; EP 98120769 A 19981102; ES 98120769 T 19981102; ZA 989731 A 19981026