

Title (en)
Device for controlling the discharge valve of a lavatory flush tank

Title (de)
Gerät zur Steuerung eines Ablaufventils eines Spülkastens

Title (fr)
Dispositif pour réguler une soupape de vidange d'une chasse d'eau

Publication
EP 0801179 B1 20030702 (EN)

Application
EP 97105694 A 19970407

Priority
IT TO960276 A 19960410

Abstract (en)
[origin: EP0801179A2] The device includes a closing element (43) for closing the valve (43, 44), and which is associated with a first float (32, 47) which is raised to open the valve (43, 44); and a second float (58) concentric with the first float (32, 47), and which is raised to fully discharge the tank (5). The first float (32, 47) is defined by the overflow discharge tube (32), the bottom end (34) of which is normally closed by a disk (47) by virtue of the action of a spring (51). The second float (58) is normally locked upwards by a hook element (67) engaging a fixed stop (66), so as not to affect the downward return movement of the first float (32, 47), and so partially discharge the tank (5). Conversely, when the hook element (67) is released, the second float (58) draws the discharge tube (32) upwards, and delays closing of the discharge tube to fully discharge the tank (5).
<IMAGE>

IPC 1-7
E03D 1/14

IPC 8 full level
E03D 1/14 (2006.01)

CPC (source: EP)
E03D 1/144 (2013.01)

Cited by
EP1477618A1; EP1199415A1; EP1245744A1; AU738741B2; EP0913532A3; CN105888008A; DE102008020460A1; DE102008020460B4; EP2112285A3; EP1010826A1; US12024869B2; WO2021212252A1

Designated contracting state (EPC)
BE CH DE ES FR GR LI NL PT

DOCDB simple family (publication)
EP 0801179 A2 19971015; EP 0801179 A3 19980408; EP 0801179 B1 20030702; AU 1777797 A 19971016; AU 723228 B2 20000824; DE 69723143 D1 20030807; DE 69723143 T2 20040506; ES 2202509 T3 20040401; IL 120645 A0 19970814; IL 120645 A 20010128; IT 1286710 B1 19980717; IT TO960276 A0 19960410; IT TO960276 A1 19971010; PT 801179 E 20031031

DOCDB simple family (application)
EP 97105694 A 19970407; AU 1777797 A 19970407; DE 69723143 T 19970407; ES 97105694 T 19970407; IL 12064597 A 19970410; IT TO960276 A 19960410; PT 97105694 T 19970407