

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 A3 19980408 (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)

Citation (search report)

- [X] FR 2676480 A1 19921120 - TOLBERT TIMOTHY [US]
- [PX] EP 0723050 A1 19960724 - FRIATEC KERAMIK KUNSTSTOFF [DE]

Cited by

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

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