

Title (en)

Device for activating a flush tank drain valve assembly

Title (de)

Vorrichtung zur Aktivierung eines Ablaufventils eines Spülkastens

Title (fr)

Dispositif d'activation d'une vanne de vidange d'un réservoir de chasse d'eau

Publication

EP 1602788 A1 20051207 (EN)

Application

EP 05104389 A 20050524

Priority

IT MI20041045 A 20040525

Abstract (en)

There is provided a flush tank flush activating device (1); a flush valve (3), having a movable shutter (4) cooperating with a drain hole (5), is designed to selectively provide two different flush modes, and has two ties (26, 27) for moving the shutter and selectively opening and closing the flush valve; the ties (26, 27) are connected respectively to a mechanical actuator (9) controlled by a hand-operated button (10), and to an electromechanical actuator (6) activated by at least one sensor (7) by means of an electronic control circuit (8); and the mechanical actuator (9) and electromechanical actuator (6) act independently of each other on the shutter (4). <IMAGE>

IPC 1-7

E03D 5/09; E03D 5/10; E03D 1/14

IPC 8 full level

E03D 1/012 (2006.01); **E03D 1/14** (2006.01); **E03D 5/09** (2006.01); **E03D 5/10** (2006.01)

CPC (source: EP)

E03D 5/028 (2013.01); **E03D 5/105** (2013.01)

Citation (search report)

- [X] EP 1258569 A2 20021120 - VALSIR SPA [IT]
- [X] WO 0125553 A1 20010412 - GEBERIT TECHNIK AG [CH], et al
- [X] WO 0246541 A1 20020613 - GEBERIT TECHNIK AG [CH], et al
- [A] EP 1156166 A2 20011121 - GEBERIT TECHNIK AG [CH]

Cited by

EP1916344A3; CN106499028A; CN104863225A; CN110042897A; EP3882408A1; EP3486382A1; EP2199472A3; EP2775048A1; US10697163B2

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