

Title (en)

Flush tank drain valve assembly with a system for regulating the amount of water drained

Title (de)

Entleerungsventilanordnung für einen Spülkasten mit einem System zur Regelung der zu entleerenden Wassermenge

Title (fr)

Soupage d'évacuation d'un réservoir de chasse d'eau avec un système permettant d'ajuster de la quantité d'eau déchargée

Publication

EP 1795661 A2 20070613 (EN)

Application

EP 06125653 A 20061207

Priority

IT MI20052354 A 20051209

Abstract (en)

In a flush tank drain valve assembly (1) with a regulating system for adjusting the amount of water drained, a supporting structure (2), extending along an axis (A) and including a vessel (6), houses a valve body (3) which slides along the axis (A) and has a shutter (26) cooperating with a fluidtight seat (10); the vessel (6) houses at least one float (41) cooperating selectively with the valve body (3); the valve assembly (1) has a regulating system (75) for adjusting the water level inside the vessel (6) and hence the level (H1) activating the float (41); and the regulating system (75) is defined by a window (14) formed through a lateral wall (11) of the vessel (6), and by a gate (16) closing the window (14) and movable to adjust the opening of the window (14).

IPC 8 full level

E03D 1/14 (2006.01); **E03D 1/33** (2006.01)

CPC (source: EP)

E03D 1/144 (2013.01); **E03D 1/33** (2013.01)

Cited by

EP2799633A1; CN102418373A; ITMI20130700A1; CN108699822A; ES2719536A1; EP3981927A1; IT202000023779A1; US9540798B2; WO2023082338A1; WO2013091206A1; WO2012075869A1; WO2015035310A1

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Designated extension state (EPC)

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EP 1795661 A2 20070613; **EP 1795661 A3 20071219**; AU 2006249281 A1 20070628; IL 179909 A0 20070515; IT MI20052354 A1 20070610; RU 2006143734 A 20080620; RU 2420633 C2 20110610

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