

Title (en)

Flush tank drain valve assembly with a water outflow regulating system

Title (de)

Entleerungsventilanordnung für einen Spülkasten mit einem Wasserauslaufregelsystem

Title (fr)

Ensemble de soupape de vidange de réservoir de chasse d'eau avec un système de régulation d'écoulement de l'eau

Publication

EP 2799633 A1 20141105 (EN)

Application

EP 14398003 A 20140429

Priority

IT MI20130700 A 20130429

Abstract (en)

A flush tank drain valve assembly (1) has a supporting structure (2) which includes a vessel (7); a valve body (3) which slides along an axis (A) and is associated with a float (31) housed inside the vessel (7); and a regulating system (5) for adjusting the water level inside the vessel (7); the regulating system (5) has a window (16) formed through a lateral wall (15) of the vessel (7), and a movable gate (38) for adjusting the opening of the window (16); the gate (38) is connected integrally to an adjusting rod (42) connected to the supporting structure (2) by a releasable coupling (43), so as to fix the rod (42) to the supporting structure (2) in at least two predetermined positions corresponding to respective operating positions of the gate (38) with respect to the window (16).

IPC 8 full level

E03D 1/14 (2006.01)

CPC (source: EP)

E03D 1/14 (2013.01); **E03D 1/142** (2013.01)

Citation (applicant)

EP 1795661 A2 20070613 - OLIVEIRA & IRMAO SA [PT]

Citation (search report)

- [IY] US 4486906 A 19841211 - MEIER ROBERT [CH]
- [Y] US 5956781 A 19990928 - GRANT DONALD [AU]
- [AD] EP 1795661 A2 20070613 - OLIVEIRA & IRMAO SA [PT]

Cited by

CN105937258A; CN106759722A

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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