

Title (en)  
Flushing cistern for a WC

Title (de)  
Spülkasten für ein WC

Title (fr)  
Chasse d'eau pour WC

Publication  
**EP 1197607 A3 20030205 (DE)**

Application  
**EP 01810980 A 20011009**

Priority  
CH 20182000 A 20001013

Abstract (en)  
[origin: EP1197607A2] Cistern (1) for a toilet comprises an inlet valve for flushing water (56) in a cistern body (2), an outlet (48) for introducing the flushing water into the cistern, a drain valve (6) arranged on an outlet opening (7) of the cistern and having a closing body (9) triggering flushing when raised, a triggering device (34) with a membrane valve (36) and a pilot valve (54), and a lifting device (14) connected to a water connection line (4) and lifting the closing body of the drain valve by means of the water pressure. The drain valve is a ball valve. The lifting device holds onto the closing body using a lever (20). Preferred Features: The lifting device has two valve pistons (16, 61). One piston (61) is provided for partial flushing and raises a closing weight (27).

IPC 1-7  
**E03D 1/14**; **E03D 5/02**

IPC 8 full level  
**E03D 1/14** (2006.01); **E03D 5/02** (2006.01)

CPC (source: EP)  
**E03D 1/142** (2013.01); **E03D 5/024** (2013.01)

Citation (search report)

- [DYA] US 2760204 A 19560828 - JOANIS MARVIN A
- [YA] EP 0890680 A1 19990113 - GEBERIT TECHNIK AG [CH]
- [Y] EP 0828103 A1 19980311 - CISTERMISER LTD [GB]
- [A] US 4304015 A 19811208 - HUBATKA ALEX
- [A] US 4060857 A 19771206 - COUTON LUCIEN

Cited by  
ITMI20130570A1; FR2896569A1; ES2330398A1; CN104343172A; FR2916773A1; EP3467215A1; CN109629647A; US11365534B2; AU2018236847B2; EP2647773A1; EP2716825A1; WO2007085723A1; EP2029820A4

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