

Title (en)

Reduced water consumption flush toilet having a common actuation mechanism that controls a water valve by a first flexible cable and controls a waste valve by a second flexible cable

Title (de)

WC mit reduziertem Wasserverbrauch mit einem einzigen Betätigungsmechanismus, welcher ein Spülventil durch ein erstes flexibles Kabel und ein Abwasserventil durch ein zweites flexibles Kabel kontrolliert

Title (fr)

WC à consommation d'eau réduite ayant un mécanisme d'actuation commun qui contrôle une valve d'eau par un premier câble flexible et une valve d'eaux usées par un deuxième câble flexible

Publication

EP 1536073 A3 20070516 (EN)

Application

EP 04027617 A 20041120

Priority

US 72328703 A 20031126

Abstract (en)

[origin: EP1536073A2] A reduced water consumption flush toilet includes a bowl assembly defining a bowl and a discharge opening at a lower end of the bowl. The toilet additionally includes a valve mounted to the flush toilet for selectively opening and closing the discharge opening of the bowl assembly and a water valve for selectively delivering a source of flush water to the bowl. The toilet further includes a common actuator assembly for controlling both the waste valve and the water valve. The actuator assembly is coupled to the water valve through a first flexible cable and coupled to the waste valve through a second flexible cable. The actuator assembly includes a lever that is movable from a first position to an intermediate position and from the intermediate position to a second position such that in the first position the waste valve closes the discharge opening and the water valve is in the closed condition, in the intermediate position the waste valve closes the discharge opening and the water valve is in the open position for adding water to the bowl, and in the second position the waste valve opens the discharge opening and the water valve is in the open position for flushing the bowl.

IPC 8 full level

E03D 5/08 (2006.01); **E03D 11/10** (2006.01)

CPC (source: EP)

E03D 5/08 (2013.01); **E03D 11/10** (2013.01)

Citation (search report)

- [XA] US 4710988 A 19871208 - STEWART JOHN M [CA]
- [A] US 5933882 A 19990810 - FLEMING DAVID CHARLES ROBERT [CA]
- [A] US 5875499 A 19990302 - HOFFMAN JOHN A [US], et al

Cited by

CN107401202A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL HR LT LV MK YU

DOCDB simple family (publication)

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