

Title (en)
Water-Saving Toilet

Title (de)
Wassersparende Toilette

Title (fr)
Toilette à économie d'eau

Publication
EP 1510626 A1 20050302 (EN)

Application
EP 03019705 A 20030828

Priority
EP 03019705 A 20030828

Abstract (en)
A water-saving toilet includes a two-stage flush button (20), a water-storing area (10) and a drain way (11) formed in the interior of a toilet bowl (1) and a valve control device (3) positioned in the bowl (1) and consisting of a valve (30), a valve cap (31), a drive rod (32), and an operating rod (33). The valve (30) is positioned in water-storing area (10), having a passageway (12), with the valve cap (31) deposited on the valve (30) to close and open the valve (30). A push rod (310) is connected under the valve cap (31), extending in the valve (30). In using, first, pressing the operating rod (33) pushes up the valve cap (31) to open the valve (30) so urine with water remaining in the water-storing area (10) flows into the drain way (11). Then press the flush button (20) for a low volume of water to be flushed out in the bowl (1). <IMAGE>

IPC 1-7
E03D 11/02

IPC 8 full level
E03D 11/02 (2006.01)

CPC (source: EP)
E03D 11/02 (2013.01)

Citation (search report)
• [X] US 5873136 A 19990223 - GEEHAM CALVIN T [US]
• [A] FR 1255750 A 19610310

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1510626 A1 20050302

DOCDB simple family (application)
EP 03019705 A 20030828