

Title (en)  
DUAL-FLUSH PNEUMATIC PUSH BUTTON FOR TOILET TANK FLUSH SYSTEMS

Title (de)  
PNEUMATISCHE ZWEIMENGENDRUCKTASTE FÜR SPÜLKASTEN-SPÜLSYSTEME

Title (fr)  
COMMANDE PNEUMATIQUE DOUBLE POUR CHASSE D'EAU DE CABINET DE TOILETTE

Publication  
**EP 1498553 A1 20050119 (EN)**

Application  
**EP 02710868 A 20020124**

Priority  
ES 0200029 W 20020124

Abstract (en)  
Dual flush pneumatic pushbutton for toilet discharge mechanisms. <??>This consists in the pushbutton strictly speaking consisting of a pump formed of a piston and sleeve which communicates with a corresponding bellows or piston in the discharge mechanism. The pushbutton is fitted with a single joint and has two parts, one larger and one smaller. The larger part is for a greater flush pulsation and the smaller one, for a partial flush pulsation, is activated by a rod constituting the limit for this. Internally it has a recovery spring in the chamber for the large pushbutton and a recovery spring for the smaller pushbutton. <??>For application in manufacturing pushbuttons for toilet flushing mechanisms. <IMAGE>

IPC 1-7  
**E03D 3/12**

IPC 8 full level  
**E03D 1/14** (2006.01); **E03D 5/02** (2006.01); **E03D 5/09** (2006.01)

CPC (source: EP)  
**E03D 1/141** (2013.01); **E03D 5/02** (2013.01); **E03D 5/024** (2013.01); **E03D 5/09** (2013.01)

Citation (search report)  
See references of WO 03062543A1

Cited by  
CN102182235A; AU2008301209B2; CN101906805A; EP4095328A1; EP2157250A1; FR2935036A1; NL2030513B1; EP3263783A1; ITUA20164725A1; ITUA20163286A1; EP1719846A3; EP2336434A1; ITMI20092224A1; EP3276094A1; FR3054573A1; RU2719135C2; EP2746472A1; CN103866834A; EP2692957A1; WO2023136720A1; WO2013143431A1; WO2009036490A1; US11927006B2; EP2796626A1

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**EP 1498553 A1 20050119**; WO 03062543 A1 20030731

DOCDB simple family (application)  
**EP 02710868 A 20020124**; ES 0200029 W 20020124