

Title (en)  
Water-closet flushing cistern

Title (de)  
Toilettenspülkasten

Title (fr)  
Réservoir de chasse d'eau pour toilette

Publication  
**EP 0866181 B1 20020828 (EN)**

Application  
**EP 98200613 A 19980226**

Priority  
IT MI970622 A 19970318

Abstract (en)  
[origin: EP0866181A2] To improve bowl cleaning and hygiene while substantially reducing water consumption, the cistern (1) comprises a hydraulic device (7) for causing early closure of the valving element (5), and an additive dispensing device (6) in which the operation of the two devices can be combined to obtain the following four flushing methods: using all the water contained in the container (2) of the cistern (1) plus an additive; using all the water contained in the container (2) of the cistern (1) but without the addition of an additive; using only a part the water contained in the container (2) of the cistern (1) plus an additive; using only a part of the water contained in the container (2) of the cistern (1) but without the addition of an additive. All the flushing methods can also be operated remotely. <IMAGE>

IPC 1-7  
**E03D 1/14**; **E03D 9/03**

IPC 8 full level  
**E03D 1/14** (2006.01); **E03D 9/03** (2006.01)

CPC (source: EP)  
**E03D 1/142** (2013.01); **E03D 9/037** (2013.01)

Cited by  
IT202000014131A1; US8032953B2

Designated contracting state (EPC)  
AT CH DE ES FR GB LI SE

DOCDB simple family (publication)  
**EP 0866181 A2 19980923**; **EP 0866181 A3 19990203**; **EP 0866181 B1 20020828**; AT E222978 T1 20020915; DE 69807377 D1 20021002; DE 69807377 T2 20030417; IT 1290120 B1 19981019; IT MI970622 A1 19980918

DOCDB simple family (application)  
**EP 98200613 A 19980226**; AT 98200613 T 19980226; DE 69807377 T 19980226; IT MI970622 A 19970318