

Title (en)  
Improvements in and relating to cisterns

Title (de)  
Spülkasten

Title (fr)  
Réservoir

Publication  
**EP 0931883 A1 19990728 (EN)**

Application  
**EP 98300497 A 19980126**

Priority  
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Abstract (en)  
A cistern for use with a water closet has a conventional flushing lever 26 which when depressed initiates the siphonic action which empties the cistern. The siphon 16 is an inverted U-tube and at the top of the first limb 20 of the U-tube is a rotary valve which allows a controlled flow of air to enter the limb 20 during flushing and thereby destroy the vacuum in the U-tube to terminate the flushing cycle. The rotary valve has a number of settings to allow the duration of the flushing cycle to be varied. <IMAGE>

IPC 1-7  
**E03D 1/14**

IPC 8 full level  
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CPC (source: EP)  
**E03D 1/087** (2013.01); **E03D 1/141** (2013.01)

Citation (search report)  
• [XY] GB 2162214 A 19860129 - BELL ROBERT SAMUEL  
• [XA] DE 3410140 A1 19850404 - ZOELLER HARTWIG DIPL ING  
• [YA] US 2869141 A 19590120 - KOCH ROYAL G, et al  
• [A] US 4296505 A 19811027 - CHIEN-SHENG CHIANG  
• [A] GB 2235708 A 19910313 - PRICE EDWARD ERNEST

Cited by  
CN103334476A; GB2426258A; GB2426258B; WO2005080699A1

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