

Title (en)

TOILET FLUSHERS FOR WATER TANKS WITH NOVEL VALVES AND DISPENSERS

Title (de)

TOILETTENSPÜLVORRICHTUNGEN FÜR WASSERKÄSTEN MIT NEUEN VENTILEN UND SPENDERN

Title (fr)

DISPOSITIFS DE CHASSE D'EAU POUR RESERVOIRS A SOUPAPES ET DISTRIBUTEURS NOUVEAUX

Publication

**EP 1497581 A4 20081231 (EN)**

Application

**EP 03719726 A 20030410**

Priority

- US 0311360 W 20030410
- US 37165502 P 20020410
- US 17491902 A 20020619
- US 0238758 W 20021204
- US 0241576 W 20021226

Abstract (en)

[origin: WO03087641A1] A tank-type flusher (100) includes an intake valve (102), a flush valve (104), and a sensor module (20). The intake valve (102) is connected to an external water source (17) and constructed to close water flow to a water storage tank (16) at about a predefined water level in the water tank (16). The flush valve is constructed to control a flush valve member (112) between a seated and unseated state allowing water to discharge from the water tank (16) to a toilet bowl (13). The sensor module (20) is located at a reference location external to the water storage tank (16).

IPC 1-7

**F16K 31/12**

IPC 8 full level

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CPC (source: EP)

**E03D 1/36** (2013.01); **E03D 5/105** (2013.01)

Citation (search report)

- [DX] EP 0828103 A1 19980311 - CISTERMISER LTD [GB]
- [X] US 5920919 A 19990713 - CHANG SHIH-CHIH [US]
- [X] US 5970527 A 19991026 - MARTIN RAYMOND BRUCE [US], et al
- [A] US 5341839 A 19940830 - KOBAYASHI HIROSHI [JP], et al
- See references of WO 03087641A1

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DOCDB simple family (publication)

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