

Title (en)
WATER SAVABLE FLUSH TOILET

Title (de)
TOILETTE MIT WASSERSPARSP LUNG

Title (fr)
CHASSE D'EAU ECONOMISANT L'EAU

Publication
EP 1554440 A1 20050720 (EN)

Application
EP 03798578 A 20030922

Priority

- KR 0301933 W 20030922
- KR 20020057721 A 20020924
- KR 20030020361 A 20030401
- KR 20030046047 A 20030708

Abstract (en)
[origin: WO2004029373A1] Disclosed is a water savable flush toilet including a sealed water tank provided with a water discharge hole opened and closed by a ball-shaped closure disposed therein, a portion of the water tank being connected to a water supply tube and the water discharge hole being formed in a funnel shape; an opening device for opening the water discharge hole by moving the ball-shaped closure, the opening device being disposed in a water discharge tube connected to the water discharge hole, a toilet bowl connected to the water discharge tube to receive the water and provided at a bottom with a water/filth discharge hole on which a magnet is installed, and a bowl closure connected to the opening means by a wire supported on a roller to be opened to discharge water/filth through the water/filth discharge hole and to be closed by the magnet.

IPC 1-7
E03D 1/34

IPC 8 full level
A47K 13/30 (2006.01); **E03D 3/10** (2006.01); **E03D 5/012** (2006.01); **E03D 11/10** (2006.01)

CPC (source: EP)
A47K 13/30 (2013.01); **E03D 3/10** (2013.01); **E03D 5/012** (2013.01); **E03D 11/10** (2013.01)

Citation (search report)
See references of WO 2004029373A1

Cited by
CN104389339A

Designated contracting state (EPC)
DE IT

DOCDB simple family (publication)
WO 2004029373 A1 20040408; AU 2003263645 A1 20040419; CN 1685115 A 20051019; EP 1554440 A1 20050720; JP 2006500496 A 20060105

DOCDB simple family (application)
KR 0301933 W 20030922; AU 2003263645 A 20030922; CN 03822792 A 20030922; EP 03798578 A 20030922; JP 2005501955 A 20030922