

Title (en)
Ventilated toilet bowl

Title (de)
Entlüfteter Toilettenschüssel

Title (fr)
Dispositif de ventilation des cuvettes de toilettes

Publication
EP 1803858 A1 20070704 (EN)

Application
EP 05028749 A 20051230

Priority
EP 05028749 A 20051230

Abstract (en)
A deodorization closestool includes a closestool device (10) comprising a closestool body (11), a deodorization device (20) disposed in the closestool body (11), and a power switch device (30) disposed in the closestool body (11). The deodorization device (20) includes an air pumping device (25) which inspires from an inspiration hole (21) through an exhaust pipe (22). The inspiration hole (21) is defined in a proper position of the closestool body (11). The power switch device (20) is connected with the air pumping device (25) for controlling the air pumping device to turn on and off. The deodorization closestool employs the air pumping device (25) disposed in the closestool and the exhaust pipe (22) communicating with the drainage pipe to inhale and expel peculiar smell for preventing the peculiar smell from spilling whereby a washroom can be full of clear air.

IPC 8 full level
E03D 9/052 (2006.01)

CPC (source: EP)
A47K 13/307 (2013.01); **E03D 9/052** (2013.01)

Citation (search report)

- [X] WO 03000998 A1 20030103 - LI JUN [CN]
- [X] WO 2005124038 A1 20051229 - DUNCAN MALCOLM [ZA]
- [X] DE 10033930 A1 20011004 - LIBAL GERHARD [DE], et al
- [X] BE 384317 A
- [A] FR 2806113 A1 20010914 - PINHEIRO SANTOS JOSE MANUEL [FR]
- [A] US 1695530 A 19281218 - BRUDER AUGUST J

Cited by
CN104905724A; CN109138098A; WO2023093066A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

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