

Title (en)
Toilet bowl dispenser

Title (de)
Abgabevorrichtung für Toilettenbecken

Title (fr)
Distributeur pour cuvette de toilette

Publication
EP 0878586 B1 20040331 (DE)

Application
EP 98106319 A 19980407

Priority
DE 19720393 A 19970515

Abstract (en)
[origin: EP0878586A2] An improved dispenser for toilet deodorant has the liquid (14) in a container (16) fitted with a clip (40) to hang over the edge of the toilet. A duct (21) in the bottom of the container drips out the liquid at a rate controlled by the viscosity of the liquid and the size of a venting duct (34) alongside the dosing duct. The liquid is dripped onto a collecting tray (24) under the dispenser. This prevents the liquid from staining the toilet bowl. The tray is washed during each flush and between flushes collects the liquid and releases the deodorant effects.

IPC 1-7
E03D 9/03

IPC 8 full level
E03D 9/03 (2006.01)

CPC (source: EP)
E03D 9/032 (2013.01)

Cited by
US6591431B2; FR2809123A1; FR2809122A1; KR20000071692A; DE19944318A1; NL1016631C2; EP1387014A3; CN100357535C; US6519783B2; US6651261B1; EP1087067A1; DE19945598B4; DE19912217A1; DE19912217C2; AU774557B2; US6934973B2; USD850578S; USD912761S; US6976277B2; US6412120B1; WO0144590A1; WO0144591A1; USD841120S; EP1387014A2; US6675396B2; US6647558B2; US6895605B2; US6898806B2; WO0131128A1; WO03066979A1; WO0188286A1; WO0240792A1; US6928667B2; US10344462B2; USD914131S

Designated contracting state (EPC)
AT BE CH DE FR GB IE IT LI NL PT

DOCDB simple family (publication)
EP 0878586 A2 19981118; EP 0878586 A3 19990915; EP 0878586 B1 20040331; AT E263289 T1 20040415; DE 19720393 A1 19981119; DE 59811076 D1 20040506

DOCDB simple family (application)
EP 98106319 A 19980407; AT 98106319 T 19980407; DE 19720393 A 19970515; DE 59811076 T 19980407