

Title (en)
TIPPING DISPENSER FOR WC

Title (de)
WC-KIPPDOSIMAT

Title (fr)
DOSEUR AUTOMATIQUE BASCULANT POUR TOILETTES

Publication
EP 0552204 B1 19970730 (DE)

Application
EP 91917465 A 19911010

Priority
• DE 9100804 W 19911010
• DE 4032387 A 19901012

Abstract (en)
[origin: WO9207148A1] A device is disclosed that may be used in the water tank or in the bowl of a water closet in order to add thereto in the last flushing water or after flushing, a dose of a liquid active substance. The product container (1) is hung so that it can turn anti-clockwise over 90, dispensing some of the product in this position into the measuring cap, from which it drips once the product container tips back. Tipping is ensured by the weight of the water that accumulates in a flushing water collector (20) arranged in the water tank and that tips the product container (1) to the left when the water level sinks below the measuring cap during flushing; a dose is dispensed in this position, flushing water escapes through the opening (22), the flushing water collector (20) becomes lighter again, so that the product container tilts back. In the toilet bowl, the collecting container (20) collects water during flushing, becoming heavier and causing the tipping. Flushing water may also be collected in a larger collecting container (8a) in which the product container (1) is rotatively hung.

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
US6141145A; US6195204B1

Designated contracting state (EPC)
BE ES FR GB NL

DOCDB simple family (publication)
WO 9207148 A1 19920430; AU 8642791 A 19920520; DE 4032387 A1 19920416; DE 4032387 C2 19921119; EP 0552204 A1 19930728; EP 0552204 B1 19970730

DOCDB simple family (application)
DE 9100804 W 19911010; AU 8642791 A 19911010; DE 4032387 A 19901012; EP 91917465 A 19911010