

Title (en)
Toilet rim block holder

Title (de)
Toilettenkörbchen

Title (fr)
Nettoyant de toilettes fixé sur le rebord de la cuvette

Publication
EP 1455025 A1 20040908 (EN)

Application
EP 04251234 A 20040303

Priority
US 37917403 A 20030304

Abstract (en)

Methods and apparatus for dispensing a material such as a fragrance, a disinfectant, a coloring agent, or a cleaner into a toilet bowl are disclosed. In accordance with certain preferred embodiments of the present invention, a rim holder and material container are provided. The rim holder includes a vessel section that collects flush water after initiation of a flush cycle. After the volume within the vessel section reaches a predetermined level, the material is mixed with the water and permitted to flow into the toilet bowl from a lower aperture. The present invention permits the material to be added in the flush cycle so that the material is no carried away with the initial flow, but instead remains in the bowl after the flush cycle is complete.

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E03D 9/03

IPC 8 full level
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CPC (source: EP US)
E03D 9/032 (2013.01 - EP US)

Citation (applicant)

- US 6192524 B1 20010227 - BLACK ROBERT H [US]
- US D466583 S 20021203 - HEIJDENRIJK JACOBUS CONSTANTIJ [NL]
- US 6434758 B2 20020820 - CAMP WILLIAM R [US], et al

Citation (search report)

- [X] DE 10025972 A1 20011206 - HENKEL KGAA [DE]
- [X] DE 29623700 U1 19990415 - HENKEL KGAA [DE]
- [X] GB 2339210 A 20000119 - RECKITT & COLMAN FRANCE [FR]
- [XP] WO 2004010833 A2 20040205 - AFA POLYTEK BV [NL], et al

Citation (examination)
EP 1391563 A2 20040225 - SANO BRUNO S ENTPR LTD [IL]

Cited by
WO2007141481A1

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