

Title (en)

Device for dispensing active components packaged in a tablet or bar in toilet bowls or water-using sanitary fixtures in general

Title (de)

Vorrichtung zur Abgabe von als Tablette oder Stab abgepackten Wirkstoffen in Toilettenschüsseln oder ähnliche sanitäre Einrichtungen

Title (fr)

Dispositif de distribution des actifs emballés dans un pastille ou barre dans des cuvettes de toilettes ou appareils sanitaires en général

Publication

**EP 1674626 A3 20070321 (EN)**

Application

**EP 05425889 A 20051216**

Priority

- EP 04425941 A 20041223
- EP 05425889 A 20051216

Abstract (en)

[origin: EP1674625A1] A device for dispensing, in toilet bowls or water-using sanitary fixtures in general, active components packaged in a tablet or bar. The device (1a) comprises a supporting structure (2a) that is provided with engagement means (3a) that can engage the sanitary fixture (4) in order to support the supporting structure (2a) in a region of the fixture that is affected by the flow of flushing water. The device (1a) comprises a rotating element (5a) that forms internally a receptacle (6a) that is connected to the outside and is adapted to contain a water-soluble tablet (7a) or bar. The rotating element (5a) is supported so that it can rotate about a rotation axis (8a) by the supporting structure (2a) and can rotate about the rotation axis (8a) with respect to the supporting structure (2a) due to the flow of the flushing water of the sanitary fixture (4).

IPC 8 full level

**E03D 9/02** (2006.01)

CPC (source: EP US)

**E03D 9/032** (2013.01 - EP US); **E03D 2009/024** (2013.01 - EP US)

Citation (search report)

- [X] GB 2349157 A 20001025 - UNILEVER PLC [GB]
- [X] US 4512041 A 19850423 - TSAI TSENG B [TW]
- [A] GB 2018595 A 19791024 - OREAL

Cited by

EP1835081A1; DE102021103216A1

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)

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DOCDB simple family (publication)

**EP 1674625 A1 20060628; EP 1674625 B1 20070926**; AT E374290 T1 20071015; AT E396310 T1 20080615; DE 602004009205 D1 20071108; DE 602004009205 T2 20080626; DE 602005006954 D1 20080703; EP 1674626 A2 20060628; EP 1674626 A3 20070321; EP 1674626 B1 20080521; ES 2295810 T3 20080416; ES 2308424 T3 20081201; PL 1674625 T3 20080131; SI 1674625 T1 20080229; US 2006137081 A1 20060629

DOCDB simple family (application)

**EP 04425941 A 20041223**; AT 04425941 T 20041223; AT 05425889 T 20051216; DE 602004009205 T 20041223; DE 602005006954 T 20051216; EP 05425889 A 20051216; ES 04425941 T 20041223; ES 05425889 T 20051216; PL 04425941 T 20041223; SI 200430542 T 20041223; US 31274505 A 20051221