Title (en)

Applicator with threaded push rod pulled back to starting position by a tension spring

Title (de)

Auftragsvorrichtung mit Austragsspindel, die durch eine Zugfeder in ihre Ausgangslage zurück geholt wird

Title (fr)

Distributeur comportant un poussoir ramené dans une position initiale par un organe élastique travaillant en traction

Publication

EP 1036519 B1 20031203 (FR)

Application

EP 00400698 A 20000314

Priority

FR 9903213 A 19990316

Abstract (en)

[origin: EP1036519A1] The dispenser comprises a body (2) inside which a pushbutton (15) comprising a threaded rod (16) can move. The body comprises two tubular parts (3,4) which can rotate relative to each other. The first part is closed at one end by a plug (5) with an internal annular groove (7). The second part is passed through axially by a passage (8) forming a housing for the product (P) in the shape of a short stick. The pushbutton is driven axially by a releasable drive to dispense the product (P) and is returned to its initial position by a spring (26), partially housed in the pushbutton, when the drive is released. The pushbutton is prevented from rotating by two longitudinal grooves (22) in which two ribs (23) slide.

IPC 1-7

A45D 40/04; A45D 40/20

IPC 8 full level

A45D 40/00 (2006.01); **A45D 34/04** (2006.01); **A45D 40/04** (2006.01); **A45D 40/10** (2006.01); **A45D 40/20** (2006.01); **B05C 17/005** (2006.01); **B67D 99/00** (2010.01)

CPC (source: EP KR US)

A45D 40/04 (2013.01 - EP US); **A45D 40/10** (2013.01 - EP US); **A45D 40/20** (2013.01 - EP US); **A45D 40/205** (2013.01 - EP US); **B67D 99/00** (2013.01 - KR); A45D 40/24 (2013.01 - EP US); A45D 2040/105 (2013.01 - EP US); A45D 2040/207 (2013.01 - EP US)

Cited by

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AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1036519 A1 20000920; **EP 1036519 B1 20031203**; AR 022920 A1 20020904; AT E255341 T1 20031215; BR 0001320 A 20001017; CA 2301234 A1 20000916; CA 2301234 C 20040907; CN 1192731 C 20050316; CN 1266659 A 20000920; DE 60006876 D1 20040115; DE 60006876 T2 20041014; ES 2209776 T3 20040701; FR 2790924 A1 20000922; FR 2790924 B1 20010525; JP 2000300335 A 20001031; JP 3434483 B2 20030811; KR 100547703 B1 20060201; KR 20010020661 A 20010315; TW 564715 U 20031201; US 6371673 B1 20020416

DOCDB simple family (application)

EP 00400698 A 20000314; AR P000101110 A 20000314; AT 00400698 T 20000314; BR 0001320 A 20000315; CA 2301234 A 20000315; CN 00103478 A 20000314; DE 60006876 T 20000314; ES 00400698 T 20000314; FR 9903213 A 19990316; JP 2000072277 A 20000315; KR 20000012990 A 20000315; TW 92201577 U 20000314; US 52575700 A 20000314