

Title (en)  
CREAM AND DEODORANT DISPENSER

Title (de)  
CREME- UND DEOSPENDER

Title (fr)  
DISTRIBUTEUR DE CREME ET DE DEODORANT

Publication  
**EP 1173078 A1 20020123 (DE)**

Application  
**EP 00925214 A 20000414**

Priority  
• DE 19918410 A 19990423  
• DE 19921662 A 19990511  
• EP 0003385 W 20000414

Abstract (en)  
[origin: US6592278B1] A dispenser for dispensing a material and a method of use thereof. The dispenser includes a chamber with a discharge opening for holding and dispensing a material, a spindle located in the chamber, capable of being rotated, a rotatable toothed wheel located outside the chamber that is connected to the spindle to permit rotation of the spindle, and a moveable piston, connected to the spindle, for supporting and dispensing the material. The dispenser also includes at least one actuating button located on the dispenser, having a pusher element for rotating the toothed wheel, and at least one pusher deflector for deflecting the pusher element out of engagement with the toothed wheel. The pusher deflector permits the material to be pushed back into the dispenser after use by disengaging the pusher element with the toothed wheel. The dispenser is particularly useful for dispensing a deodorant, gel, or cream.

IPC 1-7  
**A45D 40/04**

IPC 8 full level  
**A45D 40/04** (2006.01); **B65D 83/00** (2006.01)

CPC (source: EP US)  
**A45D 40/04** (2013.01 - EP US)

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**US 6592278 B1 20030715**; AT E258021 T1 20040215; AU 4400800 A 20001110; AU 746964 B2 20020509; BG 106039 A 20020628; BR 0009939 A 20020108; CA 2370025 A1 20001102; CA 2370025 C 20070918; CN 1213677 C 20050810; CN 1347288 A 20020501; CZ 20013807 A3 20020116; CZ 293555 B6 20040616; EP 1173078 A1 20020123; EP 1173078 B1 20040121; ES 2215046 T3 20041001; HU P0302006 A2 20030929; HU P0302006 A3 20051128; IL 146096 A0 20020725; IL 146096 A 20050619; JP 2002542123 A 20021210; NO 20015150 D0 20011022; NO 20015150 L 20011022; NZ 515642 A 20021025; PL 190743 B1 20060131; PL 350363 A1 20021202; SK 14992001 A3 20020404; SK 285285 B6 20061005; TR 200102785 T2 20020422; WO 0064303 A1 20001102

DOCDB simple family (application)  
**US 4922502 A 20020308**; AT 00925214 T 20000414; AU 4400800 A 20000414; BG 10603901 A 20011023; BR 0009939 A 20000414; CA 2370025 A 20000414; CN 00806531 A 20000414; CZ 20013807 A 20000414; EP 0003385 W 20000414; EP 00925214 A 20000414; ES 00925214 T 20000414; HU P0302006 A 20000414; IL 14609600 A 20000414; JP 2000613301 A 20000414; NO 20015150 A 20011022; NZ 51564200 A 20000414; PL 35036300 A 20000414; SK 14992001 A 20000414; TR 200102785 T 20000414