

Title (en)  
SPRAY DISPENSER

Title (de)  
ZERSTÄUBER

Title (fr)  
ATOMISEUR

Publication  
**EP 1257484 A1 20021120 (EN)**

Application  
**EP 01946830 A 20010124**

Priority  
• IL 0100068 W 20010124  
• IL 13421900 A 20000125

Abstract (en)  
[origin: WO0155009A1] This invention is an apparatus (10) for spraying contents of a spray container (16), including a dispenser body (12) sealingly attachable to the container containing a fluid (18), a fluid outlet (20) formed in the dispenser body and a deformable element (56) generally freely (51) supported around a perimeter thereof in the dispenser body, the deformable element having a first orientation (Fig.1A) when in a reference temperature range and reversibly deforming to a second orientation (Fig.1B) when out of the reference temperature range, wherein in the first orientation the deformable element is operative to block passage of the fluid from the container and in the second orientation of the deformable element is operative to allow a passage of the fluid from the container. A method of dispensing a fluid from a container is also disclosed.

IPC 1-7  
**B65D 83/26**

IPC 8 full level  
**B65D 83/76** (2006.01); **B05B 9/04** (2006.01); **B65D 83/14** (2006.01); **B65D 83/16** (2006.01)

CPC (source: EP US)  
**B65D 83/265** (2013.01 - EP US); **B65D 83/32** (2013.01 - EP US); **B65D 83/48** (2013.01 - EP US); **B65D 2213/00** (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 TR

DOCDB simple family (publication)  
**WO 0155009 A1 20010802**; AU 2877301 A 20010807; CA 2398179 A1 20010802; EP 1257484 A1 20021120; EP 1257484 A4 20060412; IL 134219 A0 20010430; JP 2003520679 A 20030708; MX PA02007240 A 20040730; US 2003205580 A1 20031106; US 2004155056 A1 20040812

DOCDB simple family (application)  
**IL 0100068 W 20010124**; AU 2877301 A 20010124; CA 2398179 A 20010124; EP 01946830 A 20010124; IL 13421900 A 20000125; JP 2001554962 A 20010124; MX PA02007240 A 20010124; US 18187602 A 20021010; US 77254704 A 20040205