

Title (en)  
DISPENSER HEAD WITH A CHECK VALVE

Title (de)  
SPENDERKOPF MIT SPERRVENTIL

Title (fr)  
TETE DE DIFFUSION DOTEE D'UNE VALVE D'ARRET

Publication  
**EP 1513426 A1 20050316 (DE)**

Application  
**EP 03760629 A 20030617**

Priority  
• DE 20209616 U 20020620  
• EP 0306373 W 20030617

Abstract (en)  
[origin: US7464839B2] One disadvantage during delivery of products such as foams, for instance shaving foam or gel, self-foaming products and other products that are applied with a pressurized system from a conventional, pressurized dispenser container with the aid of known dispenser heads that can be inserted into the delivery valve of the dispenser container is that the pressurized product remaining in the delivery channel continues to be pressed out in small amounts in an uncontrolled manner after utilization despite the fact that the delivery valve is closed. In order to eliminate said disadvantage, the dispenser head (1) is configured with an additional closing device (1') that automatically opens the delivery hole (3) and automatically closes it after the dispensing process is completed.

IPC 1-7  
**A45D 27/10**

IPC 8 full level  
**A45D 27/10** (2006.01); **B05B 1/30** (2006.01); **B05B 9/04** (2006.01); **B65D 83/16** (2006.01); **B65D 83/40** (2006.01)

CPC (source: EP US)  
**B65D 83/206** (2013.01 - EP US); **B65D 83/7535** (2013.01 - EP US); **A45D 27/10** (2013.01 - EP US); **B05B 11/1053** (2023.01 - EP US)

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)  
**US 2005103811 A1 20050519; US 7464839 B2 20081216**; AT E329504 T1 20060715; CN 100464866 C 20090304; CN 1662163 A 20050831; DE 20209616 U1 20030731; DE 50303849 D1 20060727; EA 005752 B1 20050630; EA 200401320 A1 20050224; EP 1513426 A1 20050316; EP 1513426 B1 20060614; ES 2264004 T3 20061216; JP 2005529741 A 20051006; JP 4338635 B2 20091007; WO 2004000066 A1 20031231

DOCDB simple family (application)  
**US 50986404 A 20041001**; AT 03760629 T 20030617; CN 03814314 A 20030617; DE 20209616 U 20020620; DE 50303849 T 20030617; EA 200401320 A 20030617; EP 0306373 W 20030617; EP 03760629 A 20030617; ES 03760629 T 20030617; JP 2004514746 A 20030617