

Title (en)  
VALVE AND CONTAINER WITH A VALVE

Publication  
**EP 0298881 B1 19910220 (FR)**

Application  
**EP 88420227 A 19880628**

Priority  
FR 8709988 A 19870707

Abstract (en)  
[origin: JPS6430999A] PURPOSE: To obtain a cartridge provided with a fixed valve for use without danger by making top of boss concave radically extended from the center while diameter of the center opening of the axial boss of the valve is at least equal to 4 mm. CONSTITUTION: A circle internal connecting to the center opening 1e of valve 2 has at least diameter of 4 mm. Correspondingly, the circumferential lip 4b of the valve 4 has at least an inner diameter of 4.5 mm. And, the outer diameter of the boss 1c is at least equal to 10 mm. By this manner, as the center opening, valve co-acting with the opening, and other functional element have bigger diameters, even needle shifts a little from the center and pierces, but it can enter without damages. A both of the top of the boss 1c and the transverse sealing material 3 assumes the same concave shape, a good air sealing is obtained.

IPC 1-7  
**B65D 83/14; F17C 13/04; F24C 3/14**

IPC 8 full level  
**F17C 7/00** (2006.01); **B65D 83/14** (2006.01); **F17C 13/04** (2006.01); **F24C 3/14** (2006.01)

CPC (source: EP US)  
**B65D 83/425** (2013.01 - EP US); **F17C 13/04** (2013.01 - EP US); **F17C 2201/0109** (2013.01 - EP US); **F17C 2201/0114** (2013.01 - EP US); **F17C 2201/032** (2013.01 - EP US); **F17C 2205/032** (2013.01 - EP US); **F17C 2205/0323** (2013.01 - EP US); **F17C 2205/0394** (2013.01 - EP US); **F17C 2221/035** (2013.01 - EP US); **F17C 2223/0153** (2013.01 - EP US); **F17C 2223/033** (2013.01 - EP US); **F17C 2270/0709** (2013.01 - EP US); **F17C 2270/0718** (2013.01 - EP US); **Y10T 137/6137** (2015.04 - EP US)

Cited by  
FR2901863A1; FR2672662A1; FR3122237A1; CN113090942A; GR1009120B; EP4080108A1; US7946508B2; WO2007141400A1

Designated contracting state (EPC)  
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