

Title (en)
PRESSURIZED FLUID DISPENSING CONTAINER

Publication
EP 0116478 A3 19850911 (EN)

Application
EP 84300989 A 19840215

Priority
• US 46660283 A 19830215
• US 51118683 A 19830706
• US 52317383 A 19830812

Abstract (en)
[origin: EP0116478A2] Pressurized fluid dispensing container (1) having an upper product chamber and diaphragm means (7) defining a lower propellant chamber, is filled through a propellant fill hole (6) in the bottom of the container. The propellant fill hole (6) is sealed with a closed end blind rivet (11). The diaphragm means (7) may be a piston, the side walls of which are provided with upper and lower resiliently flexible annular vanes (46 and 47) sealing between the side wall of the piston (7) and the inner side of the body (1). The upper vane (46) inclines upwardly away from the piston outwardly toward the body and the lower vane (47) inclines downwardly away from the piston outwardly toward the body. The vanes (46 and 47) increase the dispensing efficiency of the container, by guarding against mixing of the product with the propellant.

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B65D 83/14

IPC 8 full level
B65D 83/14 (2006.01)

CPC (source: EP)
B65D 83/64 (2013.01)

Citation (search report)
• [A] FR 2066560 A5 19710806 - ALUSUISSE
• [A] BE 864447 R 19780901 - SCHUMACKER THERESE F A, et al
• [A] US 3827212 A 19740806 - SCHULTZ R
• [A] FR 1394469 A 19650402
• [A] FR 2151366 A5 19730413 - SCHULTZ ROBERT
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US5441181A; EP0523606A1; FR2714363A1; GB2375800A; GB2375800B; EP0235583A1; US4877157A

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