

Title (en)
Pressure gas cartridge

Title (de)
Druckgaskapsel

Title (fr)
Cartouche à gaz sous pression

Publication
EP 0867656 B1 20051221 (DE)

Application
EP 97810181 A 19970326

Priority
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Abstract (en)
[origin: EP0867656A1] Hollow body (3) with orifice (2) sealed by a check valve (4) form a pressurised gas capsule, e.g. for whipping cream. The valve has a valve body (5), sealed to the hollow body, with a longitudinal bore (6), in which a valve pin (9) is accommodated. The valve pin has a thickened truncated cone-shaped end (10) of the side of the hollow body which interacts with a complementary-shaped constriction (8) in the bore in a first limit position. In a second limit position, the pin abuts a stop formed by a projection (12) into the longitudinal bore. Preferably the projection has a rounded shape in the longitudinal axis direction of the bore. The valve pin is preferably of a corrosion-resistant metallic material.

IPC 1-7
F17C 13/04

IPC 8 full level
F17C 13/04 (2006.01)

CPC (source: EP)
F17C 13/04 (2013.01); **F17C 2205/0323** (2013.01); **F17C 2270/0736** (2013.01)

Cited by
EP4067726A1; WO2022207611A1; CN102269492A; EP1154195A1; WO2010097593A1; GR1009120B; CN117063010A; AU2022251836B2; WO2018069689A1; US12031679B2

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