

Title (en)  
Composite open cap for large industrial and medical gas bottles

Title (de)  
Offene Verbundkappe für grosse industrielle und medizinische Gasflaschen

Title (fr)  
Chapeau ouvert composite de grandes bouteilles de gaz industriels et médicaux

Publication  
**EP 1041339 B1 20020502 (FR)**

Application  
**EP 00400537 A 20000229**

Priority  
FR 9904090 A 19990401

Abstract (en)  
[origin: EP1041339A1] The polymer body (1) includes a tapped metal or metal alloy insert (10). An Independent claim is included for the method of making the cap. The insert (2), preferably tapped with a screw thread, is placed around a molding core. The assembly is surrounded by a mold. Polymer constituents are introduced. Following polymerization disassembly takes place. The corresponding gas bottle with a cap is also claimed.

IPC 1-7  
**F17C 13/06**

IPC 8 full level  
**F17C 13/04** (2006.01); **F16C 13/06** (2006.01); **F17C 13/06** (2006.01)

CPC (source: EP US)  
**F17C 13/06** (2013.01 - EP US); **F17C 2201/054** (2013.01 - EP US); **F17C 2205/0308** (2013.01 - EP US); **F17C 2205/0338** (2013.01 - EP US); **F17C 2270/02** (2013.01 - EP US); **Y10T 137/7043** (2015.04 - EP US); **Y10T 137/7062** (2015.04 - EP US)

Cited by  
EP2980468A1; EP3805627A1; EP1296091A3; FR3054637A1; EP2933547A1; EP3165807A3; EP2770243A3; FR3013101A1; EP2873908A3; US10753541B2; WO2014187730A3; WO2016058951A3; WO2013156698A1; WO2013156699A1; EP2873908A2; DE102014011214A1

Designated contracting state (EPC)  
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