

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 A1 20001004 (FR)**

Application

**EP 00400537 A 20000229**

Priority

FR 9904090 A 19990401

Abstract (en)

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.

Abstract (fr)

L'invention a trait à un capotage de protection type ouvert pour récipient de fluide, en particulier pour bouteille de gaz, composé d'un corps de capotage (1) en matériau polymère comprenant un insert (2) en métal ou en alliage métallique taraudé (10). De préférence, l'insert (2) a sensiblement une forme de bague à paroi interne taraudée et le corps (1) de capotage est surmoulé autour de l'insert (2) taraudé. De plus, l'insert (2) peut comporter un ou plusieurs évidements (7) et/ou un ou plusieurs renforts (6) sur sa paroi périphérique externe. En outre, l'invention concerne aussi une bouteille de gaz munie d'un tel capotage de protection, ainsi que le procédé de fabrication d'un tel capotage de protection. <IMAGE>

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)

Citation (search report)

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DOCDB simple family (application)

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