

Title (en)  
Sealer cap for pressurized gas container valve

Title (de)  
Dichte Kappe für Druckgasbehälterventil

Title (fr)  
Bouchon hermétique pour vanne de réservoir de gaz sous pression

Publication  
**EP 1174657 A2 20020123 (EN)**

Application  
**EP 01500186 A 20010716**

Priority  
ES 200001908 U 20000717

Abstract (en)  
1.- A sealer cap for pressurized gas container valves particularly applicable to liquid petroleum gas containers and designed to protect the container's outlet valve and ensure the inviolability of its content, the valve outlet being fitted with a means of internal closure and imperviousness consisting in the formation of an inner cap wall, concentric with the cap fitted onto the valve's mouth, characteristic in that it comprises two different and mutually associated portions, namely an upper portion (1) forming the cap itself, and an anchoring and retaining portion (4), the first portion (1) comprising an internal threading (9) and a means (10) of imperviousness for the valve outlet extending from the upper base thereof, while externally presenting, adjacent the mouth, a recessed annular space for lodging a ring element (3), and also characteristic in that said ring element (3) constitutes a means of association and attachment to the anchoring and retaining portion (4) by forming multiple breaking points (5) uniformly distributed throughout the length of the opposing edges of the ring (3) and the lower portion (4), said ring element (3) being retained in its lodging by the action of a lip (8) formed on the mouth edge of the upper portion (1) via a widening of said edge. 2.- A sealer cap according to claim 1, characteristic in that the cylindrical wall of the anchoring and retaining lower portion (4) presents two ample, differently shaped/ dimensioned and diametrically opposite recesses (6, 7). 3.- A sealer cap according to claims 1 or 2, characteristic in that the ring element (3) is drawn by the rotation of the upper portion (1) as a result of several vertical nerves in said annular space being provided which are lodged in corresponding cuts or recesses in said inner wall of the ring (3). <IMAGE>

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

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

CPC (source: EP)  
**F17C 13/06** (2013.01); **F17C 2205/0308** (2013.01); **F17C 2205/0323** (2013.01); **F17C 2205/05** (2013.01); **F17C 2223/0153** (2013.01)

Cited by  
FR2967403A1; ES2394868A1; ITVR20120107A1; EP2667082A1; WO2021101358A1

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**EP 1174657 A2 20020123**; ES 1046836 U 20010201; ES 1046836 Y 20011116

DOCDB simple family (application)  
**EP 01500186 A 20010716**; ES 200001908 U 20000717