

Title (en)  
PILOT CAPSULE AND CLOSURE FOR THE MOUTH PIECE OF A GAS BOTTLE

Publication  
**EP 0194923 B1 19890726 (FR)**

Application  
**EP 86400447 A 19860304**

Priority  
FR 8503230 A 19850305

Abstract (en)  
[origin: EP0194923A1] 1. Tamper-proof sealing cap of the one-piece type, intended for covering the mouth of a compressed-gas bottle and comprising : - a peripheral skirt (1) having projections directed inwards and intended for interacting with the male thread of the mouth (12), - a bottom (2) bordering the skirt (1), and - a central projection (6) which extends from the bottom (2) and enters the interior of the orifice (14) of the mouth and which has a cylindrical part capable of penetrating forcibly into a bore located inside the orifice (14), the projection (6) having a sealing stage consisting of a bolster (7) arranged on the inner wall of the bottom (2) and extended by a first cylindrical part (8), characterized in that the central projection (6) comprises a second sealing stage consisting of a second cylindrical part (9) terminating in a spherical zone (10) and, with a smaller diameter, extending the first cylindrical part, these two sealing stages being capable of interacting respectively with a mouth (12), the orifice (14) of which is provided either with a gasket (15) or with a pressure-regulating device (17).

IPC 1-7  
**B65D 41/04**; **F17C 13/06**

IPC 8 full level  
**B65D 41/04** (2006.01); **F17C 13/06** (2006.01)

CPC (source: EP)  
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Cited by  
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