

Title (en)  
A security closure for bottles

Title (de)  
Sicherungsverschluss für Flaschen

Title (fr)  
Fermeture de sécurité pour bouteilles

Publication  
**EP 0967156 B1 20031029 (EN)**

Application  
**EP 99112158 A 19990624**

Priority  
IT TO980544 A 19980625

Abstract (en)  
[origin: EP0967156A1] A security closure for bottles having a threaded neck (1) comprises a metal capsule (4), a pourer (17) of rigid plastics material, a plug (10) of soft plastics material interposed between the bottom of the metal capsule (4) and the pourer (17) and a tubular sealing and locking element (32) of soft plastics material interposed between the neck (1) of the bottle and the pourer (17). The pourer (17) has an intermediate flange (24) which rests on the inner surface of the end of the neck (1) of the bottle, and an upper tubular portion (21) of reduced height which engages in an annular groove (16) formed in the lower surface of a flat peripheral annular part (14) of the plug (10). After the closure has been fitted to the bottle the height (A1) between the end of the neck (1) of the bottle and the top of the plug (10) is equal to the thickness of a disc seal utilised in a metal capsule closure without pourer after its deformation due to fitting of such closure onto a bottle (1). <IMAGE>

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IPC 8 full level  
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CPC (source: EP)  
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