

Title (en)  
Bottle cap with a child-proof mechanism

Title (de)  
Kindersicherer Flaschenverschluss

Title (fr)  
Fermeture de bouteille à l'épreuve des enfants.

Publication  
**EP 0725012 A1 19960807 (EN)**

Application  
**EP 96300651 A 19960130**

Priority  
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• JP 12744195 A 19950428

Abstract (en)  
A bottle cap (10) comprising a cap body (14) and a ring (16). The cap body (14) can be mounted on the neck of a container. The ring (16) is mounted on the cap body (14) and can be rotated. Usually, the ring (16) is pushed upward by the leaf springs (24) formed integral with a flange (18L) which is provided at the lower end of the cap body (14). Two groups of vertical projections (26a, 26b) are provided on the outer surface of the cap body (14) and the inner surface of the ring (16), respectively. While the ring (16) remains at the usual position, the projections (26b) formed on the ring (16) are spaced apart from the projections (26a) formed on the cap body (14), and the cap body (14) does not rotate even if the ring (16) is rotated. When the ring (16) is pushed down against the bias of the leaf springs (24), the projections (26b) of the ring (16) come into engagement with the projections (26a) of the cap body (14). In this condition, the cap body (14) can rotate as the ring (16) is rotated, whereby the bottle cap (10) can be attached to and removed from the neck of the container. <IMAGE>

IPC 1-7  
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CPC (source: EP)  
**B65D 50/041** (2013.01)

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