

Title (en)

Aseptic liquid packaging container with reclosable opening member.

Title (de)

Aseptische Flüssigkeitsverpackung, versehen mit einem wiederverschliessbaren Öffnungselement.

Title (fr)

Emballage aseptique pour liquides pourvu d'une élément d'ouverture refermable.

Publication

EP 0577867 A1 19940112 (EN)

Application

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Priority

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Abstract (en)

The invention relates to laminate material containers having a push-in opening in the form of a flap door (40). The flap door (40) is formed in the laminate material by removing the structural stability layer (36) from the laminate material on three sides of the flap door (40) and keeping the fourth side intact as a hinge (42). Outer barrier layers (32,34) on each side of the structural stability layer (36) are joined to each other (44) where the stability layer has been removed. The flap door (40) is pushed-in by a lever (20) which is cantilevered on one side in a pouring aperture of a reclosable opening member (10). The push-in lever (20) has a recess (22) along its side into which the flap door (40) engages upon initial opening and thereby remains permanently open. Due to the barrier layers (32,34) being laminated across the removed structural stability layer (36), the structural stability layer (36) is not exposed to liquid or humidity preventing it from softening and obstructing the opening aperture. <IMAGE>
<IMAGE>

IPC 1-7

B65D 5/74

IPC 8 full level

B65D 5/74 (2006.01)

CPC (source: EP)

B65D 5/748 (2013.01)

Citation (search report)

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