

Title (en)

Plastic closure having a snap hinge and a snap-action bending element.

Title (de)

Kunststoffverschluss mit Schnappscharnier mit einem die Schnappwirkung erzeugenden Biegeelement.

Title (fr)

Dispositif de bouchon en plastique ayant une charnière avec effet de ressort et un élément pliable à action brusque.

Publication

**EP 0447357 B1 19940727 (DE)**

Application

**EP 91810127 A 19910226**

Priority

CH 78590 A 19900312

Abstract (en)

[origin: EP0447357A2] Two parts (1, 2) are joined together, on the one hand, via a single-part or multi-part main hinge (3) and, on the other hand, via a snap-action bending element (4). The bending element (4), in turn, is linked via film hinges (41) to the part (1) and via a film hinge (42) to a second part (2). The bending element has a multi-folded shape which is such that there is always a straight line which penetrates the resilient bending element at at least three different points. The construction allows plastic closures to be designed with a flat cap (2) with an extremely large opening angle and a strong snap action. <IMAGE>

IPC 1-7

**B65D 47/04**; **B65D 47/08**

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CPC (source: EP)

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Cited by

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