

Title (en)

One piece plastic hinged snap closure.

Title (de)

Einteiliger Schnappscharnierverschluss aus Kunststoff.

Title (fr)

Fermeture en matière synthétique avec charnière à effet de ressort.

Publication

EP 0461067 B1 19941012 (DE)

Application

EP 91810364 A 19910510

Priority

CH 191990 A 19900608

Abstract (en)

[origin: US5115931A] The closure consists of a lower part (1) and a cap (2), which are connected to each other by at least one film hinge (3). Spring elements (4) integrally formed from the jacket walls of the two closure parts are disposed on both sides of the film hinge (3). The thickness of the spring elements (4) varies between the shoulder points (5) of the spring elements. In the area of the shoulder points the thickness is approximately the same as the wall thickness of the jacket walls, and in the center, that is, in the area extending over the plane of separation, it is considerably less. The variation of the wall thickness permits a customer-specific adaptation of the snap action of the closure without having to make it in a completely new way every time.

IPC 1-7

B65D 47/08

IPC 8 full level

B65D 47/08 (2006.01)

CPC (source: EP US)

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Cited by

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Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0461067 A1 19911211; EP 0461067 B1 19941012; AT E112743 T1 19941015; CH 680782 A5 19921113; DE 59103205 D1 19941117; US 5115931 A 19920526

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EP 91810364 A 19910510; AT 91810364 T 19910510; CH 191990 A 19900608; DE 59103205 T 19910510; US 71080491 A 19910605