

Title (en)
ONE-PIECE SNAP CLOSURE

Publication
EP 0316504 B1 19920617 (DE)

Application
EP 88100047 A 19880104

Priority
DE 3738682 A 19871113

Abstract (en)
[origin: EP0316504A2] The one-piece snap closure made of plastic for the opening of a container is provided with a sealing lever (3) above a covering plate provided with an opening, which sealing lever is articulated to a spring hinge (2) which is connected to the upper side of the closure in an articulated manner via a swivel connection (16). The sealing lever (3) and the spring hinge (2) are of approximately rectangular construction and, in the closed position, fill a diametrical incision in the upper side of the closure together with guide cylinders (7) of the swivel connections of the spring hinge (2) in such a way that the upper side of the sealing lever (3) and of the spring hinge are in alignment with the upper side of the closure. The upper side of the closure extends tangentially above two guide cylinders (7) of the sealing lever (3) which are connected eccentrically along a line (17) of the outer surface to the swivel connection (15) between the sealing lever (3) and the spring hinge (2) and engage in insertion openings, which are open upwards, in support walls on the covering plate. In the swivel direction (8), the sealing lever (3) reaches the open position (10) only after overcoming a dead centre position (9), up to which point the spring hinge (2) curves in the direction (x) until it subsequently assumes an unstressed position below the upper side (at 23a). A sturdy closure is thus provided which does not project beyond the closure edge after being opened and completely covers the mechanism so that the function of the spring hinge is not or is hardly recognisable. <IMAGE>

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B65D 47/04

IPC 8 full level
B65D 47/04 (2006.01); **B65D 47/08** (2006.01)

CPC (source: EP US)
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