

Title (en)
Self-closing closure

Title (de)
Selbstschliessender Verschluss

Title (fr)
Fermeture automatique

Publication
EP 0624525 B1 19971229 (DE)

Application
EP 94107026 A 19940505

Priority
• DE 4315697 A 19930511
• DE 4406162 A 19940225

Abstract (en)
[origin: EP0624525A2] The integral closure designed according to the invention is self-closing and can be produced in an extremely economical manner. Opening of the closure is brought about by pressure on the flexible wall of a flange. A closure cap 2 with an associated sealing ring 4 is arranged on the neck of a bottle 1. The sealing ring 4 is provided with an outer, circumferential sealing lip 6 in the form of a projecting circular ring. A reinforcing plate 5 is assigned a transverse web 3, both parts being surrounded by a softer material, the softer material being injection-moulded onto the reinforcing plate 5 by the two-component injection method. An accumulation of material 9 is injection-moulded onto the underside of the reinforcing plate. The end-side boundary of the reinforcing plate 5 is provided with a lid 12 which can be clipped onto the outer wall of the sealing ring 4. <IMAGE>

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B65D 35/50; **B65D 47/20**

IPC 8 full level
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CPC (source: EP)
B65D 47/2018 (2013.01); **B65D 47/2031** (2013.01)

Cited by
US6079594A; US5858324A; US5927566A; US6112951A; WO2004056669A1

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