

Title (en)
PLASTIC CLOSURE FOR MOUTHS OF CONTAINERS AND BOTTLES

Publication
EP 0419790 A3 19920401 (DE)

Application
EP 90114178 A 19900724

Priority
DE 8911643 U 19890929

Abstract (en)
[origin: US5067624A] A closure of plastic, especially polypropylene, for the necks of containers, especially bottles. The outer wall (8) of the closure flares lengthwise of the neck from the top end of the closure down to a circumferential line (29) of maximum size and tapers again toward the bottom end of the closure. The bottom part (2) and lid (26) of the closure are joined together by a snap hinge (28). This snap hinge is integral with the bottom part and lid and is situated in their outer walls. The depth of the main part (26.1) of the lid (26) is substantially less than the difference in level of the closure between its circumferential line (29) of maximum size and its upper end. For its connection to the snap hinge (28) the lid has an arm (26.3) on one side. The active elements of the snap hinge are disposed symmetrically with the circumferential line (29). This closure has a lid of relatively small size and can be made with a two-part injection mold which does not need to have any lateral slides.

IPC 1-7
B65D 47/06

IPC 8 full level
B65D 47/06 (2006.01); **B65D 47/08** (2006.01)

CPC (source: EP US)
B65D 47/0809 (2013.01 - EP US)

Citation (search report)
• [A] GB 2166122 A 19860430 - SCHEMA LIMITED
• [A] WO 8200278 A1 19820204 - POLYTOP CORP [US]

Cited by
FR2791642A1; GB2330355A; GB2330355B

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IT LI NL SE

DOCDB simple family (publication)
EP 0419790 A2 19910403; EP 0419790 A3 19920401; EP 0419790 B1 19930526; AT E89799 T1 19930615; CA 2026192 A1 19910330; CA 2026192 C 19970527; DD 297380 A5 19920109; DE 59001551 D1 19930701; DE 8911643 U1 19910207; DK 0419790 T3 19930621; ES 2041475 T3 19931116; US 5067624 A 19911126

DOCDB simple family (application)
EP 90114178 A 19900724; AT 90114178 T 19900724; CA 2026192 A 19900925; DD 34367990 A 19900828; DE 59001551 T 19900724; DE 8911643 U 19890929; DK 90114178 T 19900724; ES 90114178 T 19900724; US 59123690 A 19901001