

Title (en)
UNITARY TAMPER-EVIDENT FITMENT AND CLOSURE ASSEMBLY

Title (de)
EINSTÜCKIGE VERSCHLUSS-UND SPUNDANORDNUNG MIT ORIGINALITÄTSSICHERUNG

Title (fr)
ENSEMBLE MONOBLOC GOULOT-BOUCHON INVOLABLE

Publication
EP 0873264 A1 19981028 (EN)

Application
EP 95937404 A 19951006

Priority
US 9512983 W 19951006

Abstract (en)
[origin: WO9712813A1] A tamper-evident thermoplastic fitment (11a) having a spout (34a) and a closure (12) for said spout are welded to a polymer-coated paperboard or to a flexible plastic container via a flange (31a). The fitment and closure are molded simultaneously but with a substantial space between them. They are interconnected by elongates runner (42a) which is formed when molten plastic is conducted from the closure to the fitment. Upon retraction of the mold core, the closure is pulled into the spout until shoulders on the parts engage, whereupon the closure is stripped from the core. The runner comprises a tear tab which slides through an aperture (28) on the closure. When the parts engage, tangs (44a) on the tear tab slip through the aperture, making the assembly tamper-evident. The tab may be pulled by the consumer to open the container. The closure may be unscrewed from the spout.

IPC 1-7
B65D 41/34; **B65D 41/50**; **B65B 1/24**; **B65B 7/10**

IPC 8 full level
B65B 7/28 (2006.01); **B65D 5/74** (2006.01); **B65D 47/12** (2006.01)

CPC (source: EP)
B65B 7/285 (2013.01); **B65D 5/746** (2013.01); **B65D 47/121** (2013.01); **B65D 2401/15** (2020.05)

Citation (search report)
See references of WO 9712813A1

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

DOCDB simple family (publication)
WO 9712813 A1 19970410; AU 3952695 A 19970428; EP 0873264 A1 19981028

DOCDB simple family (application)
US 9512983 W 19951006; AU 3952695 A 19951006; EP 95937404 A 19951006