

Title (en)

Pressure venting closure cap

Title (de)

Verschlusskappe mit Druckentlüftung

Title (fr)

Capuchon de fermeture laissant échapper la pression

Publication

EP 0619242 B1 19971022 (DE)

Application

EP 94104124 A 19940316

Priority

DE 9305416 U 19930409

Abstract (en)

[origin: EP0619242A1] The safety closure has a closure cap (12) in whose end wall (14) a weakening groove (22) is arranged so that the end wall can tear open in the case of excess pressure in order to prevent the bottle bursting. The weakening groove (22) is arranged on the inside of the end wall (14). The result of this is that the action of the weakening groove has no effect on the bulging-out of the end wall (14) and that the release pressure can be maintained in a reproducible manner. Furthermore, the outside of the end wall is undamaged so that any printing on the end wall is not destroyed or damaged by the weakening groove. <IMAGE>

IPC 1-7

B65D 51/16

IPC 8 full level

B65D 51/16 (2006.01)

CPC (source: EP)

B65D 51/1638 (2013.01); **B65D 51/1661** (2013.01)

Citation (examination)

WO 9413549 A1 19940623 - WAZEL WILHELM [DE]

Cited by

DE19636876C1; CN111655087A; DE19849834C1; EP1845031A1; DE19738301A1; DE19738301C2; US7582340B2

Designated contracting state (EPC)

AT BE CH DE DK FR IT LI NL

DOCDB simple family (publication)

EP 0619242 A1 19941012; EP 0619242 B1 19971022; AT E159489 T1 19971115; DE 59404382 D1 19971127; DE 9305416 U1 19931223

DOCDB simple family (application)

EP 94104124 A 19940316; AT 94104124 T 19940316; DE 59404382 T 19940316; DE 9305416 U 19930409