

Title (en)
Collapsible bottle.

Title (de)
Faltbare Flasche.

Title (fr)
Bouteille pliable.

Publication
EP 0511596 B1 19941130 (DE)

Application
EP 92106990 A 19920424

Priority
CH 127491 A 19910429

Abstract (en)
[origin: US5255808A] In a foldable bottle, two lines of the outer surface located opposite one another are provided as folding lines. Each of these folding lines intersects a bead-type lower folding line, running round transversely to the folding line, at a point of intersection, and intersects a bead-type upper folding line, running round transversely to the folding line, at a point of intersection. Below the point of intersection, each folding line branches into two bead-type folding lines which are arranged in a V-shape and continue from the lower portion of the bottle down to the bottom surface. Above the point of intersection, each folding line branches into two bead-type folding lines which are arranged in a V-shape and extend in the upper portion of the bottle up to the top surface. When the outer surface is folded flat between the folding lines to form a two-ply layer, the upper portion and the lower portion can be folded flat simultaneously on the principle of a folding bottom, as with paper bags. Subsequently, the upper and lower portions can be folded over through 90 DEG and placed against the other bottle parts which have been folded flat.

IPC 1-7
B65D 1/02

IPC 8 full level
B65D 1/02 (2006.01)

CPC (source: EP US)
B65D 1/0292 (2013.01 - EP US); **Y10S 215/90** (2013.01 - EP US)

Citation (examination)
CH 386268 A 19641231 - STOCKAR GEORG KLAUS DIPL ING C [CH]

Cited by
DE102016002467A1; EP0615911A1; EP0599421A1; EP1837290A1; GB2273485A; GB2273485B; US11096866B2

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

DOCDB simple family (publication)
CH 680429 A5 19920831; AT E114580 T1 19941215; DE 59200830 D1 19950112; DK 0511596 T3 19950130; EP 0511596 A1 19921104; EP 0511596 B1 19941130; ES 2064133 T3 19950116; US 5255808 A 19931026

DOCDB simple family (application)
CH 127491 A 19910429; AT 92106990 T 19920424; DE 59200830 T 19920424; DK 92106990 T 19920424; EP 92106990 A 19920424; ES 92106990 T 19920424; US 93600392 A 19920827