

Title (en)

Blow molded one-piece bottle and method for making same.

Title (de)

Geblasene, einstückige Flasche und Verfahren zur Herstellung derselben.

Title (fr)

Bouteille soufflée en une pièce et son procédé de fabrication.

Publication

EP 0346858 A2 19891220 (EN)

Application

EP 89110760 A 19890614

Priority

US 20908488 A 19880617

Abstract (en)

A one piece self supporting blow molded plastic container (130) having a generally cylindrical side wall (138) and a plurality of hollow legs extending downwardly from the side wall. The legs terminate in substantially planar feet (152) having radially outer edges (154) forming a non-continuous support surface engaging area having a diameter slightly less than the diameter of the tubular side wall. A generally horizontal center section (146) is disposed in the center of the container radially inwardly of the legs and merging with the inner edges (156) of the feet. V-shaped ribs extend radially outwardly and upwardly from said center section so as to circumferentially separate said legs.

IPC 1-7

B65D 1/02

IPC 8 full level

B65D 1/02 (2006.01); B65D 1/42 (2006.01)

CPC (source: EP KR)

B65D 1/0284 (2013.01 - EP); B65D 25/24 (2013.01 - KR)

Cited by

EP0703152A1; CN1056813C; EP0479695A1; EP0413924A1; FR2897292A1; US8011919B2; WO2007140855A1; WO2007093686A1

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0346858 A2 19891220; EP 0346858 A3 19900516; EP 0346858 B1 19930707; AR 246720 A1 19940930; AT E91262 T1 19930715; AU 3599589 A 19891221; AU 607110 B2 19910221; BR 8903093 A 19900206; CA 1330959 C 19940726; CN 1019179 B 19921125; CN 1050852 A 19910424; CS 276423 B6 19920513; DD 283977 A5 19901031; DE 68907447 D1 19930812; DE 68907447 T2 19940217; DK 298789 A 19891218; DK 298789 D0 19890616; ES 2041896 T3 19931201; FI 892965 A0 19890616; FI 892965 A 19891218; HU 204011 B 19911128; HU T53016 A 19900928; ID 992 B 19961008; IE 62278 B1 19950125; IE 891921 L 19891217; IL 90509 A0 19900118; IN 171066 B 19920711; JO 1582 B1 19891216; JP 2551699 Y2 19971027; JP H0257545 A 19900227; JP H0744501 U 19951121; KR 910000483 A 19910129; MA 21577 A1 19891231; MX 172186 B 19931206; NO 892524 D0 19890616; NO 892524 L 19891218; NZ 229582 A 19910226; PL 162818 B1 19940131; PT 9035 T 19950131; PT 90862 A 19891229; RU 1813058 C 19930430; YU 121589 A 19910430; YU 47714 B 19960108; ZA 893987 B 19900530

DOCDB simple family (application)

EP 89110760 A 19890614; AR 31414089 A 19890612; AT 89110760 T 19890614; AU 3599589 A 19890602; BR 8903093 A 19890615; CA 600662 A 19890525; CN 89104261 A 19890616; CS 360589 A 19890614; DD 32969289 A 19890616; DE 68907447 T 19890614; DK 298789 A 19890616; ES 89110760 T 19890614; FI 892965 A 19890616; HU 312589 A 19890616; ID 890630 A 19890617; IE 192189 A 19890614; IL 9050989 A 19890602; IN 406CA1989 A 19890526; JO P19891582 A 19890601; JP 139194 U 19940301; JP 15069789 A 19890615; KR 890008350 A 19890616; MA 21830 A 19890614; MX 1642289 A 19890612; NO 892524 A 19890616; NZ 22958289 A 19890615; PL 28007089 A 19890616; PT 903594 U 19940526; PT 9086289 A 19890614; SU 4614276 A 19890616; YU 121589 A 19890614; ZA 893987 A 19890525