

Title (en)
GABLE-TOP CONTAINER CLOSURE SYSTEM

Publication
EP 0286285 A3 19891011 (EN)

Application
EP 88302693 A 19880325

Priority
• US 3696987 A 19870410
• US 13215587 A 19871214
• US 16040188 A 19880309

Abstract (en)
[origin: EP0286285A2] A gable-top thermoplastic coated container with controllably enhanced sealing and opening characteristics includes at least one fillet (56) attached to the panels which form the pouring spout. The fillet comprises a thin strip of still material coated with a layer of adhesive. The strip extends along a portion of the panel length to increase the applied opening force which may be transmitted to the tip of the spout where the gable rib panels are adjoined and prevent buckling of the spout panels. The unadhered surface of the strip does not strongly adhere to the opposing thermoplastic coated panel, so that the spout may be opened with a controlled low force, without tearing or delamination of the carton panels. The portion of the fillet-carrying panel not covered by the fillet will bond to the opposing panel by thermoplastic fusion. Preferably, the adhesion layer is of such a thickness that a portion thereof is extruded during the carton sealing process, forming a bead of adhesive along the edges of the strip to bond opposing panels together. The result is a hermetic seal which is readily opened without destruction of the spout panels.

IPC 1-7
B65D 5/06

IPC 8 full level
B65D 5/06 (2006.01); **B65D 5/40** (2006.01); **B65D 5/74** (2006.01)

CPC (source: EP KR)
B65D 5/067 (2013.01 - EP); **B65D 5/40** (2013.01 - KR)

Citation (search report)
• [A] WO 8201175 A1 19820415 - EX CELL O CORP [US]
• [A] US 3204850 A 19650907 - WILCOX ISAAC L
• [AD] US 3270940 A 19660906 - EGGLESTON HARRY B, et al
• [A] US 3319868 A 19670516 - HUANG DENIS K, et al

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CN114056629A

Designated contracting state (EPC)
DE FR GB IT NL SE

DOCDB simple family (publication)
EP 0286285 A2 19881012; EP 0286285 A3 19891011; EP 0286285 B1 19930210; AU 1335588 A 19881013; AU 611890 B2 19910627; BR 8801626 A 19881108; CA 1316156 C 19930413; DE 3878283 D1 19930325; DE 3878283 T2 19930701; JP S649148 A 19890112; KR 880012452 A 19881126; MX 165616 B 19921125

DOCDB simple family (application)
EP 88302693 A 19880325; AU 1335588 A 19880322; BR 8801626 A 19880406; CA 563590 A 19880408; DE 3878283 T 19880325; JP 8709188 A 19880408; KR 880004077 A 19880409; MX 1101188 A 19880406