Title (en)

FLAT TOP END CLOSURE FOR LIQUID CONTAINERS

Publication

EP 0201169 A3 19870826 (EN)

Application

EP 86301787 A 19860312

Priority

US 72286385 A 19850409

Abstract (en)

[origin: EP0201169A2] There is disclosed herein a flat top end closure (12) for a liquid carrying container, which includes two oppositely disposed, overlapped outer closure panels (40,42), one being longer than the other, and two oppositely disposed, three-segment fold-in panels (44,46), one (44) of which serves as the pour spout when opened. Each of the three-segment fold-in panels (44,46) includes a substantially triangular panel portion (76,82) defined by converging diagonal score lines (72, 74, 78, 80) extending from the upper edge of the tubular container body (14), and a pair of fold-back panels (84, 88, 96, 98) integrally connected to and folded between the substantially triangular panel portions (76, 82) and the respective adjacent outer closure panels. The shorter (40) of the outer closure panels includes a plurality of equally spaced triangular shaped tufts (70) formed on the free edge (60) thereof so as to be squeezed upon abutment of the shorter panel (40) against one (84) of one pair of fold-back panels (88, 84) in the closing process, to thereby fill any fluid leakage channels which may tend to remain therebetween after sealing.

IPC 1-7

B65D 5/06

IPC 8 full level

B65D 5/08 (2006.01); **B65D 5/06** (2006.01); **B65D 5/40** (2006.01); **B65D 5/74** (2006.01)

CPC (source: EP)

B65D 5/062 (2013.01)

Citation (search report)

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Designated contracting state (EPC)

AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0201169 A2 19861112; **EP 0201169 A3 19870826**; **EP 0201169 B1 19900523**; AT E52981 T1 19900615; AU 5568086 A 19861016; AU 585001 B2 19890608; BR 8601581 A 19861209; CA 1262112 A 19891003; DE 3671419 D1 19900628; DK 158486 A 19861010; DK 158486 D0 19860408; ES 296684 U 19871201; ES 296684 Y 19880516; FI 861462 A0 19860404; FI 861462 A 19861010; GR 860898 B 19860807; IL 78300 A0 19860731; JP S61287530 A 19861217; NO 861211 L 19861010; NZ 215506 A 19881129; PT 82329 A 19860501; SU 1530089 A3 19891215; TR 22600 A 19871216; YU 48986 A 19880831; ZA 862413 B 19861126; ZW 6586 A1 19861015

DOCDB simple family (application)

EP 86301787 A 19860312; AT 86301787 T 19860312; AU 5568086 A 19860404; BR 8601581 A 19860408; CA 506138 A 19860409; DE 3671419 T 19860312; DK 158486 A 19860408; ES 296684 U 19860408; FI 861462 A 19860404; GR 860100898 A 19860404; IL 7830086 A 19860328; JP 7935386 A 19860408; NO 861211 A 19860325; NZ 21550686 A 19860318; PT 8232986 A 19860402; SU 4027268 A 19860408; TR 1901886 A 19860408; YU 48986 A 19860328; ZA 862413 A 19860402; ZW 6586 A 19860319