

Title (en)  
CARTON CLOSURE STRUCTURE

Title (de)  
VERSCHLUSSVORRICHTUNG FÜR EINEN VERPACKUNGSKARTON

Title (fr)  
STRUCTURE DE FERMETURE DE CARTONNAGE

Publication  
**EP 1326788 B1 20050525 (EN)**

Application  
**EP 00975571 A 20001103**

Priority  
• US 0030369 W 20001103  
• US 68673600 A 20001010

Abstract (en)  
[origin: WO0230785A1] An end closure structure for a tubular structure has lines of joinder with closure flaps that are disposed to minimize the deformable area of an end wall by creating a tight structure that is less prone to blousing or bulging. The length of top (22) and bottom (26) panels is less than the length of side panels (24). The side panels terminate in weakened lines of joinder (55) that are arced toward adjoining side flaps (25). Almond-shaped transition panels (60) further facilitate a snug, secure end closure that is not easily deformed by bulging or blousing.

IPC 1-7  
**B65D 71/36**

IPC 8 full level  
**B65D 5/02** (2006.01); **B65D 5/462** (2006.01); **B65D 71/00** (2006.01); **B65D 71/36** (2006.01)

CPC (source: EP)  
**B65D 71/36** (2013.01); **B65D 2571/00141** (2013.01); **B65D 2571/00524** (2013.01); **B65D 2571/0066** (2013.01); **B65D 2571/00728** (2013.01)

Cited by  
US10040596B2

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AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**WO 0230785 A1 20020418**; AT E296239 T1 20050615; AU 1360101 A 20020422; AU 2001213601 B2 20060803; BR 0017352 A 20031028; BR 0017352 B1 20110712; CA 2464719 A1 20020418; CA 2464719 C 20070306; DE 60020408 D1 20050630; DE 60020408 T2 20060504; DK 1326788 T3 20050808; EP 1326788 A1 20030716; EP 1326788 B1 20050525; ES 2240196 T3 20051016; JP 2004510656 A 20040408; JP 4542310 B2 20100915; MX PA03002942 A 20041213; PT 1326788 E 20050729

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