

Title (en)
CLOSURE ARRANGEMENT FOR CANS

Title (de)
VERSCHLUSSANORDNUNG AN DOSEN

Title (fr)
FERMETURE POUR BOITES METALLIQUES

Publication
EP 1663803 A1 20060607 (EN)

Application
EP 04761529 A 20040909

Priority
• BR 2004000168 W 20040909
• BR 0303833 A 20030912

Abstract (en)
[origin: WO2005026009A1] Disclosed is a closure arrangement for a can of the type which comprises a tubular body (10) having an open upper end (13) provided with a seat (16); and a plastic lid (20) comprising a sealing portion (21) and an axially breakable seal (25) formed by a lower skirt (25a) to be seated around the upper end (13) of the tubular body (10), and an upper edge (25b) internally incorporated to the sealing portion (21) by means of breakable radial bridges (26). The upper end (13) of the tubular body (10) presents a cross section contour that is substantially smaller than the largest cross section contour of the remainder of the tubular body (10), so that the contour of the lid (20) is maintained internal to said largest cross section contour of the tubular body (10), avoiding the mutual contact of the lids (20) of two adjacent cans disposed side by side.

IPC 1-7
B65D 43/02; **B65D 21/02**

IPC 8 full level
B65D 8/12 (2006.01); **B65D 21/02** (2006.01); **B65D 43/02** (2006.01); **B65D 43/04** (2006.01); **B65D 55/02** (2006.01)

CPC (source: EP KR US)
B65D 7/42 (2013.01 - EP US); **B65D 17/00** (2013.01 - KR); **B65D 17/506** (2013.01 - EP US); **B65D 21/02** (2013.01 - KR); **B65D 21/022** (2013.01 - EP US); **B65D 43/02** (2013.01 - KR); **B65D 43/0249** (2013.01 - EP US); **B65D 43/0252** (2013.01 - EP US); **B65D 2401/20** (2020.05 - EP US); **B65D 2543/00092** (2013.01 - EP US); **B65D 2543/00296** (2013.01 - EP US); **B65D 2543/00351** (2013.01 - EP US); **B65D 2543/00435** (2013.01 - EP US); **B65D 2543/00509** (2013.01 - EP US); **B65D 2543/00537** (2013.01 - EP US); **B65D 2543/00555** (2013.01 - EP US); **B65D 2543/00629** (2013.01 - EP US); **B65D 2543/00638** (2013.01 - EP US); **B65D 2543/00685** (2013.01 - EP US); **B65D 2543/00731** (2013.01 - EP US); **B65D 2543/0074** (2013.01 - EP US); **B65D 2543/00796** (2013.01 - EP US); **B65D 2543/00842** (2013.01 - EP US)

Citation (search report)
See references of WO 2005026009A1

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
WO 2005026009 A1 20050324; **WO 2005026009 A8 20050421**; AR 046012 A1 20051123; BR 0303833 A 20050503; BR 0303833 B1 20120807; CN 1849244 A 20061018; DE 602004022064 D1 20090827; EP 1663803 A1 20060607; EP 1663803 B1 20090715; JP 2007505011 A 20070308; KR 20070020165 A 20070220; MX PA06002856 A 20060614; US 2007090111 A1 20070426

DOCDB simple family (application)
BR 2004000168 W 20040909; AR P040103213 A 20040908; BR 0303833 A 20030912; CN 200480026171 A 20040909; DE 602004022064 T 20040909; EP 04761529 A 20040909; JP 2006525579 A 20040909; KR 20067003816 A 20060224; MX PA06002856 A 20040909; US 57199904 A 20040909