

Title (en)

Container comprising receptacle, sealing band and lid

Title (de)

Eine Schale, ein Dichtungsband und einen Deckel enthaltender Behälter

Title (fr)

Récipient comportant un réceptacle, une bande d'étanchéité et un couvercle

Publication

EP 1013562 A3 20030326 (EN)

Application

EP 99310584 A 19991224

Priority

GB 9828472 A 19981224

Abstract (en)

[origin: EP1013562A2] A container is disclosed which comprises a receptacle (2,52,92) having an opening for emersion of contents and a lid which can be located on the receptacle to close the opening. In order to seal the lid to the receptacle a sealing band (18,54,70) with heat sensitive material on two opposed surfaces is positioned in a recess formed between the receptacle and the lid, extending around the opening. The band contacts both the receptacle and the lid so that application of heat causes the band to seal to both, forming a seal for the container. Opening means such as a tear strip are provided to enable a user subsequently to gain access to the contents of the container. The container is particularly well suited to being aseptically filled, e.g. with foodstuffs. <IMAGE>

IPC 1-7

B65D 53/02; B65D 81/32

IPC 8 full level

B65D 41/32 (2006.01); **B65D 43/16** (2006.01); **B65D 51/20** (2006.01); **B65D 51/28** (2006.01); **B65D 53/02** (2006.01); **B65D 81/32** (2006.01)

CPC (source: EP US)

B65D 11/02 (2013.01 - EP); **B65D 17/28** (2017.12 - EP); **B65D 17/32** (2017.12 - EP US); **B65D 17/4011** (2017.12 - EP);
B65D 43/169 (2013.01 - EP); **B65D 51/20** (2013.01 - EP); **B65D 51/28** (2013.01 - EP); **B65D 2251/0021** (2013.01 - EP);
B65D 2251/0081 (2013.01 - EP); **B65D 2401/25** (2020.05 - EP); **B65D 2517/0013** (2013.01 - EP); **B65D 2517/002** (2013.01 - EP);
B65D 2517/0065 (2013.01 - EP); **B65D 2517/0083** (2013.01 - EP)

Citation (search report)

- [XY] US 4682702 A 19870728 - GACH PETER P [US]
- [Y] US 3873132 A 19750325 - Czerwiaak Marian A
- [Y] US 3928109 A 19751223 - Pollock William J, et al
- [Y] EP 0308807 A2 19890329 - Schmalbach Lubecka [DE]
- [Y] US 3874553 A 19750401 - Schultz Fred R, et al
- [A] US 4171084 A 19791016 - Smith Ernest L [US]
- [A] US 4094460 A 19780613 - Scanga Theodore P, et al

Cited by

AU2015334095B2; ES2241426A1; US9930996B2; AT517369A1; AT517369B1; WO03076293A3; WO2016060755A1; WO03066466A1;
WO2004043800A3; US10131477B2; US11401088B2; US10421575B2

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 1013562 A2 20000628; EP 1013562 A3 20030326; GB 9828472 D0 19990217

DOCDB simple family (application)

EP 99310584 A 19991224; GB 9828472 A 19981224