

Title (en)

SEALED CAN AND PREFORMED CLOSURE ELEMENT THEREFOR, AS WELL AS METHOD AND APPARATUSES FOR MANUFACTURING THEM

Publication

EP 0007487 B1 19811111 (DE)

Application

EP 79102283 A 19790705

Priority

- CH 153979 A 19790217
- CH 745478 A 19780710

Abstract (en)

[origin: ES482671A1] A sealed can or similar container having a can body the wall of which is internally lined with a coating is sealed with a deep-drawn membrane in a manner which leaves on the inside of the can wall surrounding a can top opening an annular zone uncovered by said membrane, but with the coating of the can wall intact, which annular zone extends between a lower internal edge of a rim-covering part of the membrane and the upper edge of a collar part of the membrane, which collar part is integral with, and extends upwardly from and surrounds a flat part of the membrane which covers the said can opening, and which collar part is glued or welded to the inside of the can wall beneath said uncovered zone. A preformed closure element destined for sealing fastening in a can opening, a process and apparatus for producing a rupturing zone in which preformed closure element, and a process and apparatus for manufacturing a sealed can with the aid of the preformed closure element are also described.

IPC 1-7

B65D 51/22; **B21D 51/38**; **B65B 7/28**

IPC 8 full level

B21D 51/38 (2006.01); **B65B 7/28** (2006.01); **B65D 3/10** (2006.01)

CPC (source: EP US)

B21D 51/383 (2013.01 - EP US); **B65B 7/285** (2013.01 - EP US); **B65D 3/10** (2013.01 - EP US); **B65D 15/06** (2013.01 - EP US)

Cited by

EP0894615A1; DE3113279A1; EP0824980A1; US5913798A; DE3212990A1; US6138899A; US6068154A; EP0209031A1; US4744484A; CH668754A5; US6176070B1; WO9803278A1

Designated contracting state (EPC)

AT BE DE FR GB IT LU NL SE

DOCDB simple family (publication)

EP 0007487 A1 19800206; **EP 0007487 B1 19811111**; AU 4876379 A 19800117; AU 528338 B2 19830428; BR 7904380 A 19800408; CA 1123763 A 19820518; DE 2961314 D1 19820114; DK 288379 A 19800111; ES 482671 A1 19800401; GR 74423 B 19840628; IE 48365 B1 19841226; IE 791265 L 19800110; NO 792282 L 19800111; PT 69901 A 19790801; US 4333585 A 19820608

DOCDB simple family (application)

EP 79102283 A 19790705; AU 4876379 A 19790709; BR 7904380 A 19790710; CA 331480 A 19790710; DE 2961314 T 19790705; DK 288379 A 19790709; ES 482671 A 19790709; GR 790159526 A 19790706; IE 126579 A 19790808; NO 792282 A 19790709; PT 6990179 A 19790710; US 5640479 A 19790710