

Title (en)

Easy open lid having incision located in sloping region

Title (de)

Leicht zu öffnender Deckel mit einer Kerbe in einem konischen Bereich

Title (fr)

Couvercle à ouverture facile à incision sur pente

Publication

EP 0737624 A2 19961016 (FR)

Application

EP 95420100 A 19950414

Priority

EP 95420100 A 19950414

Abstract (en)

The easily opened metal lid (1) has a central panel (3) and a crimped edge (4) and an incision (2) on an incision band (6) forming the dished bottom (20). A ring with a prong (9) allows perforating the incision and the opening. The incision band makes an angle beta which is not equal to zero with the mean plane (17) of the central panel. The incision band is situated on the periphery of the central panel and the internal skirt (5) of the crimped edge and forms a plane inclined between the panel and the skirt.

Abstract (fr)

Le couvercle métallique à ouverture facile (1) avec panneau central (3) et bord à sertir (4), comprend une incision (2) sur bande d'incision (6), partie dudit panneau sur laquelle est formée ladite incision, et un anneau (8) permettant la perforation de ladite incision et ladite ouverture, et est caractérisé en ce que ladite bande d'incision (6) fait un angle beta non nul par rapport au plan moyen (17) dudit panneau central (3). <IMAGE>

IPC 1-7

B65D 17/28; **B21D 51/38**

IPC 8 full level

B21D 51/38 (2006.01); **B65D 17/28** (2006.01)

CPC (source: EP US)

B21D 51/383 (2013.01 - EP US); **B65D 17/404** (2018.01 - EP US)

Citation (applicant)

US 4132328 A 19790102 - ZUNDEL ARTHUR P

Cited by

EP1044886A4; WO9908819A1; US8939308B2; US10053260B2; US9714114B2

Designated contracting state (EPC)

FR

DOCDB simple family (publication)

EP 0737624 A2 19961016; **EP 0737624 A3 19961030**; **EP 0737624 B1 19991013**; AU 5652596 A 19961030; DE 69607337 D1 20000427; DE 69607337 T2 20000824; EP 0820409 A1 19980128; EP 0820409 B1 20000322; ES 2144238 T3 20000601; HU 226349 B1 20080929; HU P9802582 A2 19990201; HU P9802582 A3 20000529; US 6004089 A 19991221; WO 9632334 A1 19961017

DOCDB simple family (application)

EP 95420100 A 19950414; AU 5652596 A 19960415; DE 69607337 T 19960415; EP 96913590 A 19960415; ES 96913590 T 19960415; FR 9600571 W 19960415; HU P9802582 A 19960415; US 93043197 A 19971121