

Title (en)

TEMPORARY BURST STOPPAGE IN A SHEET METAL TOP

Title (de)

TEMPORÄRE AUFPLATZSPERRE IN EINEM BLECHDECKEL

Title (fr)

SYSTEME ANTI-ECLATEMENT TEMPORAIRE INSTALLE DANS UN COUVERCLE EN TOLE

Publication

**EP 1121299 B1 20030910 (DE)**

Application

**EP 99953760 A 19991008**

Priority

- DE 19846243 A 19981008
- EP 9907564 W 19991008

Abstract (en)

[origin: WO0021846A1] The invention relates to a sheet metal top for beverage cans which, in a closed state, are under an increased pressure compared to the surrounding pressure. The inventive top comprises an essentially flat surface (3, 10, 20, 30), and an area (4; 11; 33; 22) which is defined by a line of indentation (8; 11; 21; 31). Said area is situated in the surface of the top, can rupture and is smaller than the essentially flat surface. The inventive top also has a grip tab (6; 14) which serves to open the small area and which is placed on the surface of the top. In a longitudinally delimited area (24, 25, L) situated down from a starting section (S) of the line of indentation (21; 31), the metallic structure (38) or the structure lines (38x, 38y) of the sheet metal are considerably thicker under the line of indentation than a metallic structure (19) situated under at least the adjacent line of indentation (21; 31). It is thus possible to temporarily stop an opening process which is difficult to control after initial rupturing of the line of indentation (21; 31).

IPC 1-7

**B65D 17/34**

IPC 8 full level

**B65D 17/34** (2006.01)

CPC (source: EP US)

**B65D 17/404** (2017.12 - EP US); **Y10S 220/906** (2013.01 - EP US)

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)

**WO 0021846 A1 20000420**; AT E249369 T1 20030915; AU 1034100 A 20000501; BR 9914351 A 20010626; DE 19982055 D2 20010830; DE 59906972 D1 20031016; EP 1121299 A1 20010808; EP 1121299 B1 20030910; ES 2207971 T3 20040601; US 6908005 B1 20050621

DOCDB simple family (application)

**EP 9907564 W 19991008**; AT 99953760 T 19991008; AU 1034100 A 19991008; BR 9914351 A 19991008; DE 19982055 T 19991008; DE 59906972 T 19991008; EP 99953760 A 19991008; ES 99953760 T 19991008; US 80710801 A 20011024