

Title (en)

CONTAINER IN THE FORM OF A SHEET-METAL CAN WITH SHEET-METAL LID

Title (de)

BEHÄLTER IN FORM EINER BLECHDOSE MIT BLECHDECKEL

Title (fr)

RÉCIPIENT SOUS FORME D'UNE BOÎTE EN FEUILLE DE MÉTAL AVEC COUVERCLE EN FEUILLE DE MÉTAL

Publication

EP 2155578 A1 20100224 (EN)

Application

EP 08767196 A 20080618

Priority

- SE 2008050730 W 20080618
- SE 0701528 A 20070620

Abstract (en)

[origin: WO2008156420A1] A container in the form of a sheet-metal can with removable sheet-metal lid for the closure and exposure of a storage space for a goods item. The lid is secured against accidental opening by means of an elastic plastics locking ring (24), which is constructed as an annularly closed profile having a substantially U-shaped portion forming a downwardly open annular channel that encloses the circumferential edge portion of the lid and the opening edge portion of the can and secures the lid and with an annular bead (29) engages below a radially projecting portion (12) of the opening edge portion (6) of the can. The locking ring (24) has a weakening point (34), which can be broken open for opening of the container when the weakening point (34) is exposed to breaking forces exceeding a fixed maximum load in the handling of the container, and the locking ring has a point of engagement (37), situated in the proximity of the weakening point, for a breaking tool (38) so as to be able with a rocking motion to break open the locking ring at the weakening point, which normally is not visible to the eye. The point of engagement (37) for a breaking tool (38) is constituted by a protrusion of the locking ring (24), situated on the outer side of the ring below the engagement bead of the ring. The protrusion extends close to the lower edge of the skirt and has an opening which is open at least in the downward direction.

IPC 8 full level

B65D 55/08 (2006.01); **B65D 45/30** (2006.01); **B65D 45/32** (2006.01)

CPC (source: EP SE)

B65D 43/021 (2013.01 - EP); **B65D 45/30** (2013.01 - EP SE); **B65D 45/32** (2013.01 - SE); **B65D 55/0863** (2013.01 - SE); **B65D 2543/00092** (2013.01 - EP); **B65D 2543/00277** (2013.01 - EP); **B65D 2543/00509** (2013.01 - EP); **B65D 2543/00546** (2013.01 - EP); **B65D 2543/0062** (2013.01 - EP); **B65D 2543/00685** (2013.01 - EP); **B65D 2543/00731** (2013.01 - EP); **B65D 2543/00796** (2013.01 - EP); **B65D 2543/00972** (2013.01 - EP)

Cited by

US10543964B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

WO 2008156420 A1 20081224; CN 101715415 A 20100526; CN 101715415 B 20120229; EP 2155578 A1 20100224; EP 2155578 A4 20111005; EP 2155578 B1 20120926; HK 1143788 A1 20110114; PL 2155578 T3 20130329; RU 2010101669 A 20110727; RU 2465184 C2 20121027; SE 0701528 L 20081221; SE 531312 C2 20090217

DOCDB simple family (application)

SE 2008050730 W 20080618; CN 200880019344 A 20080618; EP 08767196 A 20080618; HK 10110084 A 20101027; PL 08767196 T 20080618; RU 2010101669 A 20080618; SE 0701528 A 20070620