

Title (en)

PLASTIC CONTAINER COMPRISING A LOCKING LID AND A SEALING RIB LOCATED INSIDE THE CONTAINER

Title (de)

KUNSTSTOFFBEHÄLTER MIT AUFRASTBAREM DECKEL UND BEHÄLTERINNENSEITIG ANGEORDNETEM DICHTUNGSSTEG

Title (fr)

CONTENANT EN PLASTIQUE AVEC COUVERCLE ENCLIQUETABLE ET ARETE D'ETANCHEITE A L'INTERIEUR DU CONTENANT

Publication

**EP 1268295 B1 20041103 (DE)**

Application

**EP 01913593 A 20010208**

Priority

- DE 0100478 W 20010208
- DE 20006095 U 20000401

Abstract (en)

[origin: US2002175172A1] A plastic container with a snap lid and with a snap element is provided on the upper edge region of the container for the lid to snap onto, where the lid has a circumferential sealing web projecting downwards that contacts the inside of the container, where at least one projection that extends in an essentially radial and essentially vertical direction is provided on the lid radially inside the sealing web. To provide a plastic container with snap lid, which fulfils the special demands imposed on leak-proofness, while simultaneously providing high load-bearing capacity, the vertical extension of the area of the projection adjacent to the sealing web is small relative to the total vertical extension of the projection. The inward-facing projection can be located on an inside circumferential edge integrally molded on the sealing web. In addition to the sealing web, another circumferential seal is provided in the region of the top edge of the container.

IPC 1-7

**B65D 43/02**

IPC 8 full level

**B65D 21/02** (2006.01); **B65D 43/02** (2006.01); **B65D 43/10** (2006.01)

CPC (source: EP US)

**B65D 21/0219** (2013.01 - EP US); **B65D 43/0212** (2013.01 - EP US); **B65D 2401/10** (2020.05 - EP US); **B65D 2543/00027** (2013.01 - EP US); **B65D 2543/00092** (2013.01 - EP US); **B65D 2543/0025** (2013.01 - EP US); **B65D 2543/00296** (2013.01 - EP US); **B65D 2543/00407** (2013.01 - EP US); **B65D 2543/005** (2013.01 - EP US); **B65D 2543/00537** (2013.01 - EP US); **B65D 2543/00555** (2013.01 - EP US); **B65D 2543/00629** (2013.01 - EP US); **B65D 2543/00685** (2013.01 - EP US); **B65D 2543/0074** (2013.01 - EP US); **B65D 2543/00796** (2013.01 - EP US); **B65D 2543/00972** (2013.01 - EP US); **B65D 2543/0099** (2013.01 - EP US); **Y10S 215/01** (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 TR

DOCDB simple family (publication)

**US 2002175172 A1 20021128; US 6845877 B2 20050125;** AT E281367 T1 20041115; AU 3916201 A 20011015; DE 10191221 D2 20030605; DE 20006095 U1 20000914; DE 50104395 D1 20041209; EP 1268295 A1 20030102; EP 1268295 B1 20041103; ES 2232603 T3 20050601; FR 2808509 A3 20011109; FR 2808509 B3 20020426; PT 1268295 E 20050331; WO 0174680 A1 20011011

DOCDB simple family (application)

**US 82285001 A 20010402;** AT 01913593 T 20010208; AU 3916201 A 20010208; DE 0100478 W 20010208; DE 10191221 T 20010208; DE 20006095 U 20000401; DE 50104395 T 20010208; EP 01913593 A 20010208; ES 01913593 T 20010208; FR 0104294 A 20010329; PT 01913593 T 20010208