

Title (en)

MANUALLY OPENABLE AIRTIGHT CONTAINER FOR FOOD PRESERVATION UNDER VACUUM CONDITIONS

Title (de)

MANUELL ÖFFENBARER LUFTDICHTER BEHÄLTER ZUR LEBENSMITTELKONSERVIERUNG UNTER VAKUUMBEDINGUNGEN

Title (fr)

RÉCIPIENT HERMÉTIQUE OUVRABLE À LA MAIN POUR LA CONSERVATION D'ALIMENTS DANS DES CONDITIONS SOUS VIDE

Publication

**EP 3896001 A1 20211020 (EN)**

Application

**EP 20382295 A 20200415**

Priority

EP 20382295 A 20200415

Abstract (en)

Manually openable airtight container for food preservation under vacuum conditions, comprising a rigid receptacle (10) including a receptacle opening (11) surrounded by an annular mouth (12), a rigid lid (20), a flat sealing ring (30) including an annular portion (31) compressed between the annular mouth (12) and a perimetral region (21) of the rigid lid (20), and a tab portion (33) connected to and projecting outwards from a connection region (32) of the annular portion (31), and a closure mechanism (40) connecting the rigid receptacle (10) and the rigid lid (20); wherein the flat sealing ring (30) includes a deformation enhancer configuration (50) comprising at least one through hole adjacent to the connection region; and/or a thickness reduction of said tab portion adjacent to the connection region; and/or a notch in an inner edge of the sealing annular portion coincident with the connection region.

IPC 8 full level

**B65D 45/02** (2006.01); **B65D 53/02** (2006.01)

CPC (source: EP)

**B65D 45/02** (2013.01); **B65D 53/02** (2013.01); **B65D 2543/00564** (2013.01)

Citation (search report)

- [XYI] US 1659677 A 19280221 - WELSH THOMAS E
- [XI] US 1539222 A 19250526 - TURNER MARTHA L
- [XI] DE 560843 C 19321007 - HUFNAGL KARL
- [X] FR 1217209 A 19600502 - HUTCHINSON CIE ETS
- [X] FR 2821064 A1 20020823 - ARC INT [FR]
- [X] FR 2640591 A2 19900622 - ARQUES DURAND CIE SARL VERRERI [FR]
- [Y] US 2011298184 A1 20111208 - AURELIUS LYNN [US]

Designated contracting state (EPC)

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 3896001 A1 20211020**

DOCDB simple family (application)

**EP 20382295 A 20200415**