

Title (en)
Container with clamped seal

Title (de)
Behälter mit Klemmvorrichtung zum Halten eines Deckels

Title (fr)
Conteneur avec couvercle serti

Publication
EP 2248731 A1 20101110 (EN)

Application
EP 09159611 A 20090507

Priority
EP 09159611 A 20090507

Abstract (en)
A container comprising a metal can body (1) and a diaphragm (40) closing the body end. The diaphragm (40) is clamped between opposing surfaces of a collapsed annular beard (15b) to close the body. A method and apparatus for making the container are disclosed.

IPC 8 full level
B65D 8/20 (2006.01); **B21D 51/34** (2006.01); **B29C 57/12** (2006.01); **B65D 17/28** (2006.01)

CPC (source: EP US)
B21D 41/02 (2013.01 - EP US); **B21D 51/34** (2013.01 - EP US); **B65D 7/36** (2013.01 - EP US); **B65D 17/08** (2013.01 - EP US);
B65D 17/4011 (2018.01 - EP US)

Citation (applicant)
• GB 2237259 A 19910501 - METAL BOX PLC [GB], et al
• EP 0683110 A1 19951122 - METAL BOX PLC [GB], et al

Citation (search report)
• [XAY] US 2003113416 A1 20030619 - WYCLIFFE PAUL ANTHONY [CA], et al
• [A] GB 350359 A 19310611 - HUGH WAGSTAFF, et al
• [Y] EP 0853054 A2 19980715 - SONOCO PRODUCTS CO [US]
• [A] EP 0588254 A2 19940323 - OCM SRL [IT]
• [A] GB 1361415 A 19740724 - METAL BOX CO LTD
• [A] US 3385249 A 19680528 - CZARNECKI JOHN D

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 MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
EP 2248731 A1 20101110; EP 2427384 A1 20120314; EP 2427384 B1 20160217; ES 2567262 T3 20160421; US 2012043340 A1 20120223;
WO 2010128161 A1 20101111

DOCDB simple family (application)
EP 09159611 A 20090507; EP 10717175 A 20100507; EP 2010056301 W 20100507; ES 10717175 T 20100507; US 201013266257 A 20100507