

Title (en)

Container with annular rim and method of manufacture

Title (de)

Behälter mit Randbordierung und Verfahren zur Herstellung der Randbordierung

Title (fr)

Récipient à bordure annulaire et procédé de fabrication

Publication

EP 1167222 A3 20030910 (DE)

Application

EP 01115153 A 20010622

Priority

DE 10030680 A 20000623

Abstract (en)

[origin: EP1167222A2] The metal container has a spiral-form bordering (14) on the mouth side edge of the body (2). The edge bordering has a rectilinear locating section(18) for fitting of a clamping ring (10), and a support section (22) which extends at right angles to the center region of the inner side of the locating section. The edge bordering has an angle of wrap of more than 450 degrees, and preferably 510 degrees. The container in the region (a) of the edge bordering is tapered inwards so that the outside diameter of the fixed clamping ring is smaller than or as large as the maximum outside diameter of the body of the container. An Independent claim is included for a procedure for the manufacture of a spiral-form edge bordering on a metal container by the inwards directed movement of a forming tool which has a negative form.

IPC 1-7

B65D 45/32

IPC 8 full level

B65D 8/08 (2006.01); **B65D 45/32** (2006.01)

CPC (source: EP)

B65D 45/32 (2013.01)

Citation (search report)

- [XAY] DE 29722728 U1 19980305 - BIHLMAIER GMBH METALLVERPACKUN [DE]
- [AD] EP 0565762 A1 19931020
- [YA] DE 9207856 U1 19931014 - MAUSER WERKE GMBH [DE]
- [A] US 4651892 A 19870324 - BOERSMA MARTINUS [NL]

Cited by

KR101388292B1; US7908898B2; US8286460B2; DE102008053299A1; US11905065B2; WO2007124792A1; WO2009062533A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

EP 01115153 A 20010622; AT 01115153 T 20010622; DE 10030680 A 20000623; DE 50103713 T 20010622; ES 01115153 T 20010622