

Title (en)

Method and device for closing a metallic container

Title (de)

Verfahren und Vorrichtung zum Verschliessen eines Metallbehälters

Title (fr)

Procédé de fermeture d'un récipient métallique et machine pour la mise en oeuvre du procédé

Publication

EP 0791538 A1 19970827 (FR)

Application

EP 97400363 A 19970218

Priority

FR 9602077 A 19960220

Abstract (en)

The method involves closing a metal container (1) by a lid (10) which has a bottom (11), a side wall (12) and a rim (13). A sealing joint (17) is placed in the rim on periphery of the container opening (16). The lid is placed on the container by applying a pressure on it in order to crush the joint between the container and the rim. The joint is then locked by stamping the lid side wall onto the container. The lid is stamped onto the container on segments divided along the container perimeter. Stamping of the lid side wall is also made onto the large walls of the container.

Abstract (fr)

L'invention concerne un procédé de fermeture d'un récipient (1) métallique avec un couvercle (10) comportant un fond (11), une paroi latérale (12) et un rebord (13), selon lequel on place un joint d'étanchéité (17) en périphérie de l'ouverture (16) du récipient et, le couvercle (10) étant placé sur le récipient (1), on applique une pression sur le couvercle (10) pour écraser le joint (17) entre le récipient (1) et le rebord (13) du couvercle, caractérisé en ce qu'on bloque le joint d'étanchéité (17) par emboutissage de la paroi latérale (12) du couvercle sur le récipient (1). <IMAGE> <IMAGE>

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

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Citation (applicant)

FR 2248097 A1 19750516 - FEREMBAL SA [FR]

Citation (search report)

- [AD] FR 2248097 A1 19750516 - FEREMBAL SA [FR]
- [A] GB 2033880 A 19800529 - SVENSSON R

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US7810302B2; US7665281B2; GB2463715A; GB2463715B; US2007289984A1; US8657150B2; DE102010034021A1; EP0985468A3; DE102010034021B4; WO2007006551A1; WO9944906A1; WO2006032539A1; US10183766B2; US11034469B2; US7661246B2; US8596028B2; US9889974B2

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