

Title (en)

IMPROVEMENT INTRODUCED IN LID-SEAL OF METAL CONTAINERS FOR POWDER FOOD OR OTHERS

Title (de)

KLEMMDICHTUNG FÜR EINEN DECKEL EINES BEHÄLTERS FÜR PULVERFÖRMIGE NAHRUNGSMITTEL

Title (fr)

PERFECTIONNEMENT PORTANT SUR UN COUVERCLE/SCELLEMENT DE CONTENANTS METALLIQUES D'ALIMENTS EN POUDRE OU AUTRE

Publication

EP 1572542 A4 20061122 (EN)

Application

EP 00982777 A 20001031

Priority

- BR 0000128 W 20001031
- BR 0001936 A 20000321

Abstract (en)

[origin: WO0170579A2] An "improvement introduced in a lid-seal of metal containers for powder food or others" constituted by fixing, through a beading process in the upper edge of a metal container (1) made of sheet metal with the set formed by a plastic membrane (2) forming a peripheral portion (9), followed internally of a recess with ring like recess (10) and a perimetral ring like reinforcement (11) and with a lower ring shaped thin line for the breaking (12) when pulled, after the breaking of the short breaking portion (13) of the incorporated pulling ring (14) and a stamped metal ring (3) forming a flat inner section (4) with a central circular opening (5) with the inner edge beaded inwards (6) and an elevation to form an upper bed (7) and a peripheral edge turned downwards (8) so that, jointly with the peripheral portion (9) of the membrane (2) be beaded in the container (1), the development of which has the purpose of obtaining a seal-lid assuring the necessary sealing and the consequent quality of the packaged product, and the certainty that there will not be any possibility of hurting the fingers, upon the opening.

IPC 1-7

B65D 17/34

IPC 8 full level

B65D 1/00 (2006.01); **B65D 17/34** (2006.01); **B65D 41/32** (2006.01)

IPC 8 main group level

B65D (2006.01)

CPC (source: EP)

B65D 17/4011 (2017.12)

Citation (search report)

- [A] EP 0322238 A1 19890628 - AJINOMOTO KK [JP]
- [A] DE 2153990 A1 19720831
- See references of WO 0170579A2

Designated contracting state (EPC)

BE DE ES FR GB IT

DOCDB simple family (publication)

WO 0170579 A2 20010927; **WO 0170579 A3 20050825**; AR 027312 A1 20030319; BR 0001936 A 20010424; BR 0001936 B1 20100601; DE 00982777 T1 20051215; DE 60037464 D1 20080124; DE 60037464 T2 20081204; EP 1572542 A2 20050914; EP 1572542 A4 20061122; EP 1572542 B1 20071212; ES 2247957 T1 20060316; ES 2247957 T3 20080516

DOCDB simple family (application)

BR 0000128 W 20001031; AR P010100385 A 20010129; BR 0001936 A 20000321; DE 00982777 T 20001031; DE 60037464 T 20001031; EP 00982777 A 20001031; ES 00982777 T 20001031