

Title (en)

Easily openable closure for a retortable container

Title (de)

Leicht zu öffnender Verschluss für einen sterilisierbaren Behälter

Title (fr)

Fermeture à ouverture facile pour un conteneur stérilisable

Publication

EP 1584567 A2 20051012 (EN)

Application

EP 04257809 A 20041215

Priority

US 75175604 A 20040105

Abstract (en)

A retortable, easily openable closure of the type having a metal end and a membrane closure heat-sealed thereto, wherein the metal end has a coating of a heat-seal composition (24) comprising a food-compatible metal-coating composition blended with polypropylene. The polypropylene disperses within the food-compatible metal-coating composition during curing of the coating on the metal end such that an outer surface of the coating defines a multitude of separate, spaced islands (26) of polypropylene dispersed within the food-compatible metal-coating composition so as to form bonding sites. The membrane closure's lower surface has a heat-seal layer of polypropylene for sealing to the coating on the metal end.

IPC 1-7

B65D 17/50

IPC 8 full level

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CPC (source: EP US)

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Cited by

US9617056B2; US10017313B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR LV MK YU

DOCDB simple family (publication)

US 2005145630 A1 20050707; AU 2004235675 A1 20050721; AU 2004235675 B2 20070201; BR PI0500055 A 20050906; CA 2489218 A1 20050705; EC SP055526 A 20051122; EP 1584567 A2 20051012; EP 1584567 A3 20061102; JP 2005231741 A 20050902; MX PA05000292 A 20050819

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