

Title (en)

Sealing liner for a closure, closure and container having the same

Title (de)

Dichtungsscheibe für einen Verschluss, Verschluss und Behälter mit derselben

Title (fr)

Disque d'étanchéité pour une fermeture, fermeture et récipient munis dudit disque

Publication

EP 1683731 A1 20060726 (EN)

Application

EP 05257529 A 20051207

Priority

US 3915105 A 20050119

Abstract (en)

A sealing liner (21) for a container includes a unitary body having a substantially circular shape with an outer peripheral edge (52), an interior panel (53), and an annular wave portion (51) surrounding the interior panel and being positioned between the interior panel and the peripheral edge. The wave portion is constructed and arranged with an inwardly-directed surface that includes two axially-projecting, concentric annular portions and a concave land area between the two annular portions. The sealing liner is bonded into a unitary closure (24) having a sidewall and an upper panel wherein the sidewall is constructed and arranged for attaching to the neck finish of a container. The neck finish includes an upper edge and the sealing liner is configured such that its concave land area contacts the upper edge for sealing of that location and the corresponding interface between the container and closure.

IPC 8 full level

B65D 41/04 (2006.01); **B65D 41/34** (2006.01)

CPC (source: EP US)

B65D 41/045 (2013.01 - EP US)

Citation (search report)

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- [A] PATENT ABSTRACTS OF JAPAN vol. 014, no. 135 (M - 0949) 14 March 1990 (1990-03-14)

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Designated contracting state (EPC)

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