

## Title (en)

Double rib overcap for a container with a removable membrane

## Title (de)

Doppelrippenschutzkappe für Behälter mit einer entfernbarer Membrane

## Title (fr)

Surbouchage à double nervure pour récipient avec membrane amovible

## Publication

**EP 1561696 A1 20050810 (EN)**

## Application

**EP 05250526 A 20050201**

## Priority

US 77122004 A 20040203

## Abstract (en)

There is provided a double rib overcap (12) for a container (14) with a removable membrane (16). The skirt (32) of the overcap (12) includes a first inwardly projecting rib (52) and a second inwardly projecting rib (54) that are axially separated and includes inside surfaces of the skirt (32) that are axially above each rib. The container (14) has an opening (18) that is encircled by a rim (20) and the membrane (16) covers the opening (18) such that the membrane (16) extends radially onto an outer surface of the rim (20). A first inside surface above the first rib (52) of the overcap (12) is dimensionally sized to create an interference-fit with the membrane (16) and the rim when the overcap (12) is connected to the container (14). Likewise, a second inside surface above the second rib (54) of the overcap (12) is dimensionally sized to create an interference-fit with the rim of the container (14) when the overcap (12) is connected to the container (14) after the membrane (16) has been removed. <IMAGE>

## IPC 1-7

**B65D 43/02**; **B65D 51/18**

## IPC 8 full level

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## Citation (search report)

- [XA] CH 468286 A 19690215 - ERNST & CO BLECHDOSEN UND KRON [CH]
- [A] AU 519377 B3 19811203 - SHAW IND PYT LTD
- [A] US 3516572 A 19700623 - DAVIS PAUL
- [A] DE 1298926 B 19690703 - FORMAPLAST SOHLAND VEB
- [A] US 2984381 A 19610516 - BENNETT HERBERT L
- [A] US 2069213 A 19370202 - HERMAN CAREW

## Cited by

US8328036B2; NL2006482C2; FR2969584A1; DE102006021079A1; DE102006021079B4; EP1854733A1; US8757429B2; US8083086B2; WO2008103343A1; WO2007104118A1; WO2024038032A1

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