

## Title (en)

Cover ring having a slanted part and manufacturing process

## Title (de)

Deckelring mit geneigtem Flachsteg und Herstellungsverfahren

## Title (fr)

Bague de couvercle comprenant une partie jointive plate inclinée et procédé de fabrication

## Publication

**EP 2332849 B1 20151007 (DE)**

## Application

**EP 11152976 A 20040818**

## Priority

- EP 04762680 A 20040818
- DE 10338445 A 20030819

## Abstract (en)

[origin: WO2005019047A2] The invention relates to a lever ring to be folded to a body (20), which receives a closure layer (1) that is laterally sealed onto the body and bridges an interior space of the lever ring. In the folded-onto state, said closure layer obturates the body (20). The lever ring comprises a peripheral flat strip (3a, 3b, 3c) which runs radially outwards into a lateral rim (2) of the lever ring. A peripheral groove (N1, N2, N3) extends between said lateral rim and the flat strip. The flat strip is suitable for the edge of the closure layer to be sealed thereon and extends relative to the plane of a closure layer (1) so sealed onto it in an angle (  $\alpha$  1,  $\alpha$  2,  $\alpha$  3) which is different from zero. The lever ring is characterized by an increased retention force on the flat strip.

## IPC 8 full level

**B65D 17/50** (2006.01)

## CPC (source: EP KR US)

**B65D 17/502** (2013.01 - EP KR US); **Y10T 292/0894** (2015.04 - EP US)

## Designated contracting state (EPC)

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

## DOCDB simple family (publication)

**WO 2005019047 A2 20050303; WO 2005019047 A3 20050331**; AT E497914 T1 20110215; AU 2004266755 A1 20050303; AU 2004266755 B2 20100701; BR PI0413642 A 20061017; CA 2536081 A1 20050303; CA 2536081 C 20120619; CN 1906092 A 20070131; CN 1906092 B 20101013; DE 10338445 A1 20050331; DE 10338445 B4 20070208; DE 502004012181 D1 20110324; DK 1658226 T3 20110530; DK 2332849 T3 20160118; EA 008460 B1 20070629; EA 200600273 A1 20060825; EP 1658226 A2 20060524; EP 1658226 B1 20110209; EP 2332849 A1 20110615; EP 2332849 B1 20151007; ES 2362036 T3 20110627; ES 2558345 T3 20160203; HU E027234 T2 20160829; JP 2007502751 A 20070215; KR 20070036013 A 20070402; MA 27985 A1 20060703; PL 1658226 T3 20110729; PL 2332849 T3 20160429; PT 1658226 E 20110511; UA 87465 C2 20090727; US 2006214430 A1 20060928; ZA 200601188 B 20070530

## DOCDB simple family (application)

**DE 2004001836 W 20040818**; AT 04762680 T 20040818; AU 2004266755 A 20040818; BR PI0413642 A 20040818; CA 2536081 A 20040818; CN 200480023542 A 20040818; DE 10338445 A 20030819; DE 502004012181 T 20040818; DK 04762680 T 20040818; DK 11152976 T 20040818; EA 200600273 A 20040818; EP 04762680 A 20040818; EP 11152976 A 20040818; ES 04762680 T 20040818; ES 11152976 T 20040818; HU E11152976 A 20040818; JP 2006523518 A 20040818; KR 20067003423 A 20060220; MA 28783 A 20060207; PL 04762680 T 20040818; PL 11152976 T 20040818; PT 04762680 T 20040818; UA A200601711 A 20040818; US 56861706 A 20060216; ZA 200601188 A 20060209