

Title (en)

Light and flexible lid retaining ring

Title (de)

Leichter und flexibler Deckelhalterring

Title (fr)

Lumière et bague de retenue de couvercle flexible

Publication

EP 2896578 A1 20150722 (EN)

Application

EP 14162491 A 20140328

Priority

- EP 14151906 A 20140121
- EP 14162491 A 20140328

Abstract (en)

A lid retaining ring made of plastic comprises an outer ring (2) for engaging the outside of a container (14) and an inner ring (3) for engaging a groove (15) in a lid (16) for closing the container. A bridge (4) connects the outer to the inner ring, such that a U-shaped channel is formed. The inner ring (3) comprises a first portion (3a), a second portion (3b) and a third portion (3c), wherein the first portion (3a) connects the inner ring (3) to the bridge (4), the second portion (3b) connects the first portion (3a) to the third portion (3c) such that the first portion (3a) and the third portion (3b) are radially and axially offset parallel to each other, the third portion (3c) configured to form an open end of the inner ring (3) when inserted into the groove (15) of the lid (16).

IPC 8 full level

B65D 45/30 (2006.01)

CPC (source: EP)

B65D 45/30 (2013.01)

Citation (search report)

- [XYI] US 2013068766 A1 20130321 - JOHANSSON TORBJORN [SE], et al
- [X] GB 191501205 A 19150916 - DRAPER MFG CO [US]
- [YA] WO 2011041826 A1 20110414 - VIP STEEL PACKAGING PTY LTD [AU], et al
- [A] FR 1542875 A 19681018

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2896578 A1 20150722; EP 2896578 B1 20190306; DK 2896578 T3 20190611; HU E044934 T2 20191128; PL 2896578 T3 20190830

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