

Title (en)

TWO-PIECE TWIST-OFF LID FOR GLASS STORAGE JARS

Title (de)

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Title (fr)

COUVERCLE À DEUX COMPOSANTS "TWIST-OFF" POUR POTS DE CONSERVE EN VERRE

Publication

**EP 3805125 A1 20210414 (EN)**

Application

**EP 18921282 A 20181227**

Priority

- UA A201805998 A 20180530
- UA 2018000141 W 20181227

Abstract (en)

A two-piece twist-off lid for glass storage jars comprises of two separate parts: a covering disk and a threaded ring. The edge of the covering disk is curled upward to form a circular curl and is bent outward to form an annular channel for placing a seal and for seating the covering disc on the edge of the jar neck. The covering disk is made of elastic tinplate having a thickness of 0.08-0.16 mm and Rockwell hardness of 58-64. The cylindrical threaded ring is made of a plastic material and comprises retaining thread members for locking the ring on the jar neck. Said thread elements are embodied in the form of blade-like protrusions arranged at an angle along the circumference on the inner surface of the ring. The upper part of the threaded ring extends radially inward to form a retainer for the edge of the covering disk, wherein said retainer geometrically conforms to the curl of the covering disk. The design features of the proposed two-piece twist-off lid for glass storage jars provide a high degree of hermetic sealing, while the operating characteristics are consistent with the conditions of multiple use of the threaded ring as a component of the lid, and allow for the replacement of the covering disk.

IPC 8 full level

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CPC (source: EP)

**B65D 51/145** (2013.01)

Cited by

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BA ME

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**EP 3805125 A1 20210414**; **EP 3805125 A4 20211215**; **EP 3805125 B1 20230906**; **EP 3805125 C0 20230906**; EA 038807 B1 20211022; EA 202000191 A1 20210312; ES 2971785 T3 20240607; PL 3805125 T3 20240304; UA 118247 C2 20181210; WO 2019231429 A1 20191205

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