

Title (en)  
THREADED TAMPER EVIDENCE FINISH AND CLOSURE FOR CONTAINER

Title (de)  
MANIPULATIONSSICHERES GEWINDE UND VERSCHLUSS FÜR BEHÄLTER

Title (fr)  
FINITION FILETÉE D'INVIOLABILITÉ ET FERMETURE POUR RÉCIPIENT

Publication  
**EP 3906198 A4 20230104 (EN)**

Application  
**EP 20736213 A 20200103**

Priority  
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• US 201916729981 A 20191230  
• US 2020012147 W 20200103

Abstract (en)  
[origin: US2020216213A1] A tamper evidence container is provided for sealing contents within an interior of a container formed by blow-molding a container preform. The container includes threads disposed around a neck portion to threadably engage a cap with the finish of the container. The threads advantageously engage with similar threads within the cap for sealing contents within the container. Between the threads is a valley that extends inwardly to form an inner edge on the outside wall of the container finish. The inner edge of the valley has a diameter that is equal and/or greater than the diameter of the handling valley immediately above the tamper evidence ledge. In an exemplary embodiment, the valley has a diameter that is equal to the diameter of the handling valley. In another exemplary embodiment, the diameter of the valley is greater than the handling valley between the tamper evidence ledge and the threads.

IPC 8 full level  
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CPC (source: EP US)  
**B29C 49/071** (2022.05 - EP); **B65D 1/0246** (2013.01 - EP US); **B65D 41/3428** (2013.01 - US); **B29C 2949/0777** (2022.05 - EP)

Citation (search report)  
• [XAI] US 2018229881 A1 20180816 - JARMAN JONATHAN P [US], et al  
• [XA] US 2018327131 A1 20181115 - HANAN JAY CLARKE [US]  
• [I] WO 2009053921 A1 20090430 - SIPA PROGETTAZIONE AUTOMAZ [IT], et al  
• See references of WO 2020142663A1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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