

Title (en)
FRESHNESS AND TAMPER MONITORING CLOSURE.

Title (de)
VERSCHLUSSVORRICHTUNG ZUM ÜBERPRÜFEN DER FRISCHHEIT EINES PRODUKTES UND ZUM ANZEIGEN EINES UNERLAUBTEN
ÖFFNENS.

Title (fr)
FERMETURE PERMETTANT DE VERIFIER LA FRAICHEUR DU PRODUIT ET DE DETECTER UNE EVENTUELLE ALTERATION OU
TENTATIVE D'OUVERTURE FRAUDULEUSE.

Publication
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Application
EP 88903673 A 19880325

Priority
US 3151387 A 19870327

Abstract (en)
[origin: WO8807481A1] A closure (10) for containers (12) having a circumferential groove (22) formed by opposed conical surfaces (24, 26) of substantially equal size in the relaxed condition and upon compression of the closure (10) forming a substantially toroidal circumferential groove. On a container (12) sealed with the closure (10) compressed, expansion of the circumferential groove (22) to the relaxed condition indicates failure of the seal or generation of gases within the container (12). In an alternate embodiment the circumferential conical surfaces (124, 126) form a V-shaped circumferential protrusion (128) in the compressed condition. In another embodiment the circumferential juncture between the conical surfaces and the closure sidewall is modified to reduce the flexure between the compressed and expanded conditions thereby permitting a wider variety of materials to be used for the closures.

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Citation (search report)

- No relevant documents have been disclosed.
- See references of WO 8807481A1

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