

Title (en)  
FLEXIBLE SEAL FOR MISSILE CONTAINER

Title (de)  
FLEXIBLER VERSCHLUSSDECKEL FÜR BEHÄLTER EINES FLUGKÖRPERS

Title (fr)  
OPERCULE FLEXIBLE POUR CONTENEUR DE MISSILE

Publication  
**EP 3264021 A1 20180103 (FR)**

Application  
**EP 17290081 A 20170620**

Priority  
FR 1601043 A 20160701

Abstract (en)  
[origin: WO2018002454A1] The flexible cover (1) comprises at least one layer (2), referred to as the main layer, made of a composite material (9) consisting of at least one woven and at least one elastomer, and at least one layer (3, 4), referred to as an auxiliary layer, made of a composite material (10) also consisting of at least one woven and at least one elastomer, the auxiliary layer (3, 4) being secured to the composite layer (2) on one of the faces (2A, 2B) of the latter, said auxiliary layer (4, 5) comprising petal-shaped regions (6) that are separated from one another by lines (5), referred to as weakening lines, said main layer (2) and said at least one auxiliary layer (3, 4) forming a composite part (8).

Abstract (fr)  
- Opercule flexible pour conteneur de missile. - L'opercule flexible (1) comporte au moins une couche (2) dite principale, formée d'un matériau composite (9) constitué d'au moins un tissu et d'au moins un élastomère, et au moins une couche (3, 4) dite auxiliaire formée d'un matériau composite (10) constitué également d'au moins un tissu et d'au moins un élastomère, la couche auxiliaire (3, 4) étant solidarisée de la couche composite (2) sur l'une des faces (2A, 2B) de cette dernière, ladite couche auxiliaire (4, 5) comprenant des zones (6) en forme de pétales, séparées les unes des autres par des lignes (5) dites de fragilisation, ladite couche principale (2) et ladite au moins une couche auxiliaire (3, 4) formant une pièce composite (8).

IPC 8 full level  
**F41F 3/077** (2006.01)

CPC (source: EP US)  
**F41F 3/077** (2013.01 - EP US)

Citation (search report)  
• [I] US 4498368 A 19850212 - DOANE WILLIAM J [US]  
• [A] KR 20120010589 A 20120206 - AGENCY DEFENSE DEV [KR]  
• [A] FR 1263011 A 19610605 - DUNLOP RUBBER CO

Cited by  
CN113819802A

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
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DOCDB simple family (publication)  
**EP 3264021 A1 20180103; EP 3264021 B1 20200617**; ES 2805656 T3 20210215; FR 3053455 A1 20180105; FR 3053455 B1 20190419; US 10845159 B2 20201124; US 2019323799 A1 20191024; WO 2018002454 A1 20180104

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