

Title (en)  
INTERNAL SUPPORTS FOR INFLATABLE PRODUCTS

Title (de)  
INNERE TRÄGER FÜR AUFBLASBARE PRODUKTE

Title (fr)  
SUPPORTS INTERNES POUR PRODUITS GONFLABLES

Publication  
**EP 3031363 B1 20171011 (EN)**

Application  
**EP 15180062 A 20150806**

Priority  
US 201414566075 A 20141210

Abstract (en)  
[origin: EP3031363A1] A tensioning structure (102) for use in inflatable products is provided. The inflatable structure (102) may include a first plastic sheet, a second plastic sheet spaced apart from the first plastic sheet, and an inflatable air chamber defined by the first plastic sheet and the second plastic sheet. A plurality of tensioning structures (100,802) may be disposed within the air chamber. Each tensioning structure (102) may include a panel (202) made of a single sheet of porous material, a first weld sheet affixed to a first end of the panel (202) and affixed to the first plastic sheet, and a second weld sheet affixed to a second end of the panel (202) opposite the first weld sheet and affixed to the second plastic sheet.

IPC 8 full level  
**A47C 27/08** (2006.01)

CPC (source: EP)  
**A47C 27/087** (2013.01)

Cited by  
US12082702B1

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