

Title (en)  
INFLATABLE COMPOSITE STRUCTURAL COMPONENT AND METHOD

Title (de)  
AUFBLASBARE VERBUNDSTRUKTURKOMPONENTE UND VERFAHREN

Title (fr)  
ÉLÉMENT STRUCTURAL COMPOSITE GONFLABLE ET PROCÉDÉ

Publication  
**EP 3008373 A4 20170215 (EN)**

Application  
**EP 14811536 A 20140610**

Priority  
• US 201361834298 P 20130612  
• US 2014041623 W 20140610

Abstract (en)  
[origin: US2014370206A1] An inflatable structural component having a longitudinal first braided material layer and a longitudinal second braided material layer each forming a panel having a width-wise dimension transverse to a length-wise direction of the component bounded by first and second longitudinal edges along the length-wise direction of the component, the first and second braided material layers enveloping at least a portion of an inflatable longitudinal bladder, the first and second braided material layers arranged such that the first longitudinal edges of the first and second braided material layers are approximately aligned and connected together along a first side of the bladder and the second longitudinal edges of the first and second braided material layers are approximately aligned and connected together along a second side of the bladder.

IPC 8 full level  
**F16S 5/00** (2006.01); **E04B 1/18** (2006.01); **E04B 1/34** (2006.01); **E04H 15/20** (2006.01)

CPC (source: EP US)  
**E04H 15/20** (2013.01 - EP US); **E04H 2015/201** (2013.01 - EP US)

Citation (search report)  
• [X] US 4068418 A 19780117 - MASSE JEAN-PIERRE  
• [XA] EP 1043458 A2 20001011 - LINDNER HARTMUT [DE], et al  
• [IA] FR 2533133 A1 19840323 - CAZORLA JEAN CLAUDE [FR]  
• See references of WO 2014200956A1

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

DOCDB simple family (publication)  
**US 2014370206 A1 20141218**; CA 2914664 A1 20141218; EP 3008373 A1 20160420; EP 3008373 A4 20170215; WO 2014200956 A1 20141218

DOCDB simple family (application)  
**US 201414300335 A 20140610**; CA 2914664 A 20140610; EP 14811536 A 20140610; US 2014041623 W 20140610