

Title (en)  
SUSPENDED CANOPY SUPPORT STRUCTURES

Title (de)  
ABGEHÄNGTE VORDACHTRAGSTRUKTUREN

Title (fr)  
STRUCTURES DE SUPPORT POUR ABRI SUSPENDU

Publication  
**EP 3386338 A1 20181017 (EN)**

Application  
**EP 16873690 A 20161206**

Priority  
• US 201562265321 P 20151209  
• US 2016065206 W 20161206

Abstract (en)  
[origin: WO2017100216A1] A canopy support structure includes a plurality of hubs arranged in series, and a plurality of articulating arms connecting the plurality of hubs. At least one of the plurality of hubs is suspended from above by a support member. At least some of the plurality of hubs are movable toward and away from each other to operate the canopy support structure between expanded and retracted positions. The plurality of articulating arms include a plurality of primary ribs connected directly to the plurality of hubs. The plurality of articulating arms may also include a plurality of secondary ribs connected to some of the plurality of primary ribs, and a plurality of tertiary ribs coupled between the plurality of secondary ribs and other of the plurality of primary ribs.

IPC 8 full level  
**A45B 23/00** (2006.01); **A45B 25/02** (2006.01); **A45B 25/14** (2006.01); **E04H 15/28** (2006.01)

CPC (source: EP US)  
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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)  
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**US 2016065206 W 20161206**; EP 16873690 A 20161206; US 201616060760 A 20161206