

Title (en)  
Parasol

Title (de)  
Schirmsystem

Title (fr)  
Parasol

Publication  
**EP 2443956 B1 20140917 (DE)**

Application  
**EP 11185881 A 20111020**

Priority  
DE 102010049812 A 20101020

Abstract (en)

[origin: EP2443956A2] The system (10) has a tubular inner sleeve (14), slide element (22) and membrane (20) that is clamped between retracted and clamped arrangements. The slide element moves along the tubular inner sleeve, and clamping elements i.e. traction ropes (24), clamp the membrane, where the clamping elements are articulated at the slide element and formed by an elastic bending rod (21). An intermediate chamber (18) is formed between the tubular inner sleeve and a tubular outer sleeve (16), and the membrane is arranged in the intermediate chamber in a retracted condition.

IPC 8 full level  
**A45B 19/00** (2006.01); **A45B 11/00** (2006.01); **A45B 23/00** (2006.01)

CPC (source: EP)  
**A45B 19/00** (2013.01); **A45B 23/00** (2013.01); **A45B 2019/002** (2013.01); **A45B 2023/0018** (2013.01)

Cited by  
CN111911871A; ITUA20163444A1; US9822545B1

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)  
**EP 2443956 A2 20120425; EP 2443956 A3 20121121; EP 2443956 B1 20140917;** DE 102010049812 A1 20120426;  
DE 102010049812 B4 20140123

DOCDB simple family (application)  
**EP 11185881 A 20111020;** DE 102010049812 A 20101020