

Title (en)

SYSTEMS FOR INTERNAL AIRBED STRUCTURE

Title (de)

SYSTEME FÜR INTERNE LUFTMATRATZENSTRUKTUR

Title (fr)

SYSTÈMES POUR STRUCTURE DE MATELAS D'AIR INTERNE

Publication

**EP 3571962 A2 20191127 (EN)**

Application

**EP 19185696 A 20161102**

Priority

- US 201662322560 P 20160414
- US 201615147625 A 20160505
- EP 16196895 A 20161102

Abstract (en)

An inflatable air mattress (100) comprises a first surface (110, 115) having a first plurality of connection points (515, 525) on an interior side of the first surface (110, 115), a second surface (115, 110) having a second plurality of connection points (525, 515) on an interior side of the second surface (115, 110), the second surface configured to be substantially opposite the first surface when the inflatable air mattress (100) is inflated, one or more side surfaces (120) connecting the first surface (110, 115) to the second surface (115, 110) such that the first surface, the second surface, and the one or more side surfaces form an airtight enclosure, and an internal structure (500) comprising a single piece of material (510) attached to one or more connection points of the first plurality of connection points (515, 525) and one or more connection points of the second plurality of connection points (525, 515).

IPC 8 full level

**A47C 27/08** (2006.01)

CPC (source: BR EP)

**A47C 27/081** (2013.01 - EP); **A47C 27/084** (2013.01 - BR); **A47C 27/087** (2013.01 - BR EP)

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 3231331 A1 20171018; EP 3231331 B1 20190724**; AR 106646 A1 20180207; AU 2016253558 A1 20171102; AU 2016253558 B2 20220505; AU 2022204908 A1 20220728; AU 2022204908 B2 20240314; AU 2024203480 A1 20240613; BR 102016026367 A2 20190319; BR 102016026367 B1 20210112; CL 2018002867 A1 20181228; DK 3231331 T3 20191014; DK 3571962 T3 20231030; EP 3571962 A2 20191127; EP 3571962 A3 20191225; EP 3571962 B1 20230802; EP 4241622 A2 20230913; EP 4241622 A3 20231025; MX 2016014735 A 20180509

DOCDB simple family (application)

**EP 16196895 A 20161102**; AR P160103429 A 20161110; AU 2016253558 A 20161101; AU 2022204908 A 20220708; AU 2024203480 A 20240524; BR 102016026367 A 20161110; CL 2018002867 A 20181009; DK 16196895 T 20161102; DK 19185696 T 20161102; EP 19185696 A 20161102; EP 23184663 A 20161102; MX 2016014735 A 20161110