

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 B1 20230802 (EN)

Application
EP 19185696 A 20161102

Priority

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

Abstract (en)
[origin: EP3231331A1] An air mattress (100) comprises an internal structure (200) for helping the air mattress (100) maintain a desired geometric shape when inflated and for preventing shearing of the top and bottom surfaces (110, 115) of the mattress (100). The internal structure (200) comprises a plurality of connection strips (210) or a mesh web (610) that are attached to a plurality of top surface connection points (215) and bottom surface connection points (225).

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)

Citation (examination)
US 2015113736 A1 20150430 - COX BRIAN P [US], et al

Designated contracting state (EPC)
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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

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