

Title (en)

RESILIENT GRID FOR USE WITH CELLULAR CUSHIONS

Title (de)

ELASTISCHES GITTER ZUR VERWENDUNG MIT ZELLKISSEN

Title (fr)

GRILLE SOUPLE DESTINÉE À ÊTRE UTILISÉE AVEC DES COUSSINS CELLULAIRES

Publication

EP 2587967 A4 20140917 (EN)

Application

EP 11803967 A 20110511

Priority

- US 35999010 P 20100630
- US 2011036061 W 20110511

Abstract (en)

[origin: WO2012005808A2] A resilient grid (10) for use with an inflatable cellular cushion (16) or mattress, the grid (10) comprising a plurality of openings (15), each opening (15) positioned and dimensioned to fit around a cell (20) of a cellular cushion (16) or mattress when the grid (10) is positioned on the base of the cushion or mattress. The grid can have an angled front support (23) side bolsters (26, 28). These components can be modular. The grid (10) provides stability and enhances positioning while providing temporary protection against bottoming out and provide airflow paths (22) among the cells.

IPC 8 full level

A47C 27/10 (2006.01); **A47C 7/02** (2006.01); **A47C 27/14** (2006.01); **A47C 27/18** (2006.01); **B68G 7/06** (2006.01)

CPC (source: EP US)

A47C 7/021 (2013.01 - EP US); **A47C 21/042** (2013.01 - US); **A47C 27/081** (2013.01 - US); **A47C 27/10** (2013.01 - EP US); **A47C 27/144** (2013.01 - EP US); **A47C 27/18** (2013.01 - EP US); **A61G 7/05769** (2013.01 - EP US); **B68G 1/00** (2013.01 - EP US); **B68G 2001/005** (2013.01 - EP US)

Citation (search report)

- [XY] US 2008078033 A1 20080403 - WYATT CHARLES C [US], et al
- [XY] US 2005177952 A1 20050818 - WILKINSON JOHN W [US], et al
- [XY] US 5836027 A 19981117 - LEVENTHAL ROBERT D [US], et al
- [XAY] WO 9804170 A1 19980205 - GRAEBE ROBERT H [US]
- [X] EP 0902636 A1 19990324 - DEKA PRODUCTS LP [US]
- See references of WO 2012005808A2

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)

WO 2012005808 A2 20120112; WO 2012005808 A3 20120419; AU 2011276991 A1 20130207; CA 2804008 A1 20120112; CL 2012003747 A1 20131011; EP 2587967 A2 20130508; EP 2587967 A4 20140917; JP 2013530011 A 20130725; US 2013139321 A1 20130606

DOCDB simple family (application)

US 2011036061 W 20110511; AU 2011276991 A 20110511; CA 2804008 A 20110511; CL 2012003747 A 20121228; EP 11803967 A 20110511; JP 2013518396 A 20110511; US 201113807516 A 20110511