

Title (en)
AIR MATTRESS

Title (de)
LUFTMATTE

Title (fr)
MATELAS PNEUMATIQUE

Publication
EP 3372120 A4 20190522 (EN)

Application
EP 17797512 A 20170123

Priority
JP 2017002150 W 20170123

Abstract (en)
[origin: EP3372120A1] An air mat (20) includes cells (21, 22, 23) arranged in a longitudinal direction of the air mat. Each cell (21, 22, 23) is bag-shaped and made of a plastic sheet. Each cell (21, 22, 23) includes an air supply port (21a, 22a, 23a) for supplying air into the cell. The cells (21, 22, 23) include at least one specific cell (S) that corresponds to the buttocks (G) of a user (U) and non-specific cells (NS) other than the specific cell (S). The air mat (20) further includes a first air supply system (60) that is connected to the air supply port of the specific cell (S) to supply air to the specific cell (S) and a second air supply system (70) that is connected to the air supply ports of the non-specific cells (NS) to supply air to the non-specific cells (NS).

IPC 8 full level
A61G 7/057 (2006.01); **A47C 27/10** (2006.01)

CPC (source: EP)
A47C 27/082 (2013.01); **A47C 27/083** (2013.01); **A47C 27/10** (2013.01); **A61G 7/05776** (2013.01); **A61G 2203/34** (2013.01)

Citation (search report)

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- [XI] US 2008307582 A1 20081218 - FLOCARD THIERRY [FR], et al
- [X] US 2014283308 A1 20140925 - CHEN HSUEH-YI [TW], et al
- [A] FR 2922427 A1 20090424 - HILL ROM IND S A SA [FR]
- [A] EP 0878150 A2 19981118 - VERNA LIMITED [GB], et al
- [A] US 2016067128 A1 20160310 - WILKINSON JOHN W [US], et al
- See references of WO 2018135004A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3372120 A1 20180912; EP 3372120 A4 20190522; AU 2017265166 A1 20180809; AU 2017265166 B2 20190404;
JP WO2018135004 A1 20191121; WO 2018135004 A1 20180726

DOCDB simple family (application)
EP 17797512 A 20170123; AU 2017265166 A 20170123; JP 2017002150 W 20170123; JP 2018562853 A 20170123