

Title (en)

MATTRESS OR CUSHION WITH INTEGRATED WATER ELEMENT AND VERTEBRAL COLUMN EXTENSION METHOD

Title (de)

MATRATZE ODER KISSEN MIT INNENLIGENDEM WASSERELEMENT UND VERFAHREN ZUR WIRBELSÄULEN-EXTENSION

Title (fr)

MATELAS OU COUSSIN A HYDRO-ELEMENT INTEGRE ET PROCEDE POUR ETIRER LA COLONNE VERTEBRALE

Publication

EP 1626642 A1 20060222 (DE)

Application

EP 04733813 A 20040519

Priority

- EP 2004005413 W 20040519
- DE 10323838 A 20030523

Abstract (en)

[origin: WO2004103123A1] The invention relates to a mattress or a cushion having an integrated water element comprised of an upper support and of a lower support. One or more recesses, which is/are distributed over the length of the lying surface and, in the event of multiple recesses, are interspaced, is/are placed in the intermediate spaced between both supports. The aim of the invention is to improve the design of the mattress or of the cushion whereby creating an easy to transport lying surface, which, in conjunction with a multi-part pivotal supporting frame, can be easily modified, and which has characteristics of a water bed. To this end, the invention provides that at least one flat water element is placed in the intermediate space between both surface, whereby this water element is positively shaped into the recesses that are at least partially shaped into the upper side of the lower support.

IPC 1-7

A47C 27/14; A47C 27/18; A47C 27/08; A61H 1/00

IPC 8 full level

A47C 27/14 (2006.01); A47C 27/18 (2006.01); A61H 1/00 (2006.01); A61H 7/00 (2006.01)

CPC (source: EP)

A47C 27/144 (2013.01); A47C 27/146 (2013.01); A47C 27/148 (2013.01); A47C 27/15 (2013.01); A47C 27/18 (2013.01); A47C 27/20 (2013.01); A61H 7/001 (2013.01); A61H 2201/0138 (2013.01); A61H 2201/0142 (2013.01); A61H 2201/1284 (2013.01); A61H 2205/04 (2013.01); A61H 2205/062 (2013.01); A61H 2205/081 (2013.01); A61H 2205/10 (2013.01)

Citation (search report)

See references of WO 2004103123A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2004103123 A1 20041202; DE 10323838 A1 20041216; DE 10323838 B4 20170914; EP 1626642 A1 20060222

DOCDB simple family (application)

EP 2004005413 W 20040519; DE 10323838 A 20030523; EP 04733813 A 20040519