

Title (en)
MATTRESS STRUCTURE AND METHOD OF USING TECHNICAL FEATURE THEREOF TO HELP USER TO LEARN ABOUT USE OF MATTRESS STRUCTURE AND DETERMINE WHETHER USER CAN ADJUST TO MATTRESS STRUCTURE

Title (de)
MATRATZENSTRUKTUR UND VERFAHREN ZUR VERWENDUNG EINER TECHNISCHEN EIGENSCHAFT DAVON, UM EINEN BENUTZER ÜBER DIE VERWENDUNG DER MATRATZENSTRUKTUR ZU INFORMIEREN UND ZU BESTIMMEN, OB SICH DER BENUTZER AN DIE MATRATZENSTRUKTUR ANPASSEN KANN

Title (fr)
STRUCTURE DE MATELAS ET PROCÉDÉ D'UTILISATION DE SES CARACTÉRISTIQUES TECHNIQUES PERMETTANT D'AIDER L'UTILISATEUR À APPRENDRE À SERVIR D'UNE STRUCTURE DE MATELAS ET DE DÉTERMINER SI L'UTILISATEUR PEUT S'ADAPTER À LA STRUCTURE DE MATELAS

Publication
EP 2954802 A1 20151216 (EN)

Application
EP 14748955 A 20140208

Priority
• HK 13101804 A 20130208
• CN 201310050645 A 20130208
• CN 2014000144 W 20140208

Abstract (en)
A mattress structure for providing different degrees of relief or support to various body parts of a user or in accordance with different body lengths of the users, the mattress structure comprising a principal axis; two or more relief units, distributed in different positions along the principal axis, wherein at least one relief unit provides a degree of relief different from that of another relief unit, to thereby define a relief layer that provides different degrees of relief corresponding to various parts of the body, the relief layer being dividable into two or more relief zones and these zones are divided according to the body parts of the user, at least one or more of the relief zones being made up of relief units of different sizes, at least one relief unit being a main relief unit which provides a relief ability greater than that of another relief unit, the relief units in a relief zone being interchangeable or re-arrangeable according to needs of the user to change the position of the main relief unit relative to the other relief units within the zone, for accommodating users of different body heights and different lengths of various body parts; and a method using the characteristics of the mattress structure for understanding and deciding suitability of the mattress structure

IPC 8 full level
A47C 27/14 (2006.01); **A47C 27/00** (2006.01); **A47C 27/15** (2006.01)

CPC (source: EP RU)
A47C 27/00 (2013.01 - EP); **A47C 27/14** (2013.01 - EP); **A47C 27/144** (2013.01 - EP RU); **A47C 27/148** (2013.01 - EP RU); **A47C 27/15** (2013.01 - EP RU)

Cited by
ES2655064A1; EP3348172A1; RU190839U1; US10709256B2

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)
WO 2014121665 A1 20140814; AU 2014214428 A1 20150122; AU 2014214428 B2 20180830; CA 2889930 A1 20140814; CA 2889930 C 20190820; DK 2954802 T3 20180716; EP 2954802 A1 20151216; EP 2954802 A4 20161116; EP 2954802 B1 20180404; JP 2016506797 A 20160307; KR 102067637 B1 20200117; KR 20150119050 A 20151023; MY 182203 A 20210118; RU 2015137983 A 20170315; RU 2672636 C2 20181116; SG 11201503813Y A 20150629; TW M514789 U 20160101

DOCDB simple family (application)
CN 2014000144 W 20140208; AU 2014214428 A 20140208; CA 2889930 A 20140208; DK 14748955 T 20140208; EP 14748955 A 20140208; JP 2015556381 A 20140208; KR 20157024536 A 20140208; MY PI2014003232 A 20140208; RU 2015137983 A 20140208; SG 11201503813Y A 20140208; TW 103208759 U 20140519