

Abstract

A mattress structure and a method using the characteristics of the mattress structure for understanding and deciding suitability of the mattress structure

5 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
10 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
15 a relief ability greater than that of another relief unit, the relief units in a relief zone being inter-changeable 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
20 mattress structure for understanding and deciding suitability of the mattress structure.

Fig. 6