

Title (en)
A MATTRESS

Title (de)
MATRATZE

Title (fr)
MATELAS

Publication
EP 2999376 A1 20160330 (EN)

Application
EP 14721920 A 20140425

Priority
• GB 201309309 A 20130523
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Abstract (en)
[origin: WO2014188146A1] A mattress (2) which in plan view comprises an inner portion (4) and an outer portion (6), the mattress (2) being such that the inner portion (4) is of a size for being slept on by at least one person, the outer portion (6) extends at least partially around the inner portion (4), and the inner portion (4) has a lower compression rate than the outer portion (6) whereby the weight of the person on the inner portion (4) is distributed over a greater area than would be the case if the inner portion (4) had the same compression rate as the outer portion (6), and whereby the outer portion (6) constrains the inner portion (4) and controls lateral deformation of the inner portion (4) caused by the weight of the person on the inner portion (4), and the mattress (2) being characterised in that: (i) the inner portion (4) is in a shape which has a first part (10) for receiving the head (12) of a sleeping person (8), a second part (14) for receiving the feet (16) of the sleeping person (8), and a third part (18) for receiving the buttocks (20) of the sleeping person (8); (ii) the first part and the second part (10, 14) are narrower than the third part (18); the first part and the second part (10, 14) are sufficiently wide that the first part (10) is able to be for receiving the feet (16) of the sleeping person (8) and the second part (14) is able to be for receiving the head (12) of the sleeping person (8), whereby the mattress (2) is able to be turned through 180° with its same side uppermost for facilitating uniform wear of the mattress (2) and prolonged life of the mattress (2); the inner portion (4) comprises a plurality of apertures which define the shape of the inner portion (4); and the apertures extend completely through the mattress (2) whereby the underside of the mattress also has the inner portion (4), whereby the mattress (2) is able to be turned over so that its underside becomes its topside and thereby becomes able to receive the sleeping person and thereby further facilitates the uniform wear of the mattress (2) and the prolonged life of the mattress (2).

IPC 8 full level
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Citation (search report)
See references of WO 2014188146A1

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