

Title (en)
IMPROVED MATTRESS

Title (de)
VERBESSERTE MATRATZE

Title (fr)
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Publication
EP 3461373 A1 20190403 (EN)

Application
EP 18020459 A 20180924

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Abstract (en)
The present invention relates to a method for the manufacture of a mattress comprising a mattress core and inserts placed on top thereof. For various body zones and also taking account of the lying position of the user on the mattress, the deformation characteristics of the inserts, e.g. the hardness, are determined in such a way that the shape or position of the spinal column of the user at rest corresponds to the shape or position of the spinal column of the user in upright position. The novelty of the invention resides in the fact that this goal is achieved irrespective of the left/right/belly/back lying position of the user on the mattress. To that end a three-dimensional recording of the user takes place and the data thereof are used by a computer program so as to achieve the desired deformation of the inserts.

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CPC (source: EP)
A47C 27/148 (2013.01); **A47C 31/123** (2013.01)

Citation (applicant)
• US 9179781 B2 20151110 - MELSEN GERT BART A [BE]
• EP 3023034 A2 20160525 - PERZONA BENELUX B V [NL]

Citation (search report)
• [XAI] EP 3023034 A2 20160525 - PERZONA BENELUX B V [NL]
• [A] US 2016244319 A1 20160825 - HABERTAG PATRICK A [US], et al
• [A] WO 2012160508 A1 20121129 - NEW WIND S R L [IT], et al

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