

Title (en)

Improvements incorporated in a manufacturing system of pressure or impact receiving bodies, determining for a direction-wise cushioning

Title (de)

Verbesserungen in einem System zur Herstellung von druck- oder stossaufnehmenden Körpern für richtungsbezogene Dämpfung

Title (fr)

Améliorations intégrées dans un système de fabrication de corps recevant pression ou impact, définition d'un rembourrage en termes de direction

Publication

EP 2356926 A1 20110817 (EN)

Application

EP 10380019 A 20100217

Priority

- EP 10380019 A 20100217
- US 70714810 A 20100217

Abstract (en)

This is a body (1) that may become, for example, a mattress with one density or another, thickness and size, which has various housings or hollows (2) in an inclined arrangement, this same body (1) being able to present hollows or housings (2) with a different inclination, a different arrangement and different size and have inward protrusions (3) or side branches (4) to provide, in the first case, greater hardness to the area where the hollows (2) are located and in the second case, to provide greater softness to the area of the body (1) where the respective hollows or housings (2) are located, all of them, some or those corresponding to these areas or others, being able to incorporate a filling that may range from air under pressure to a filling of any kind of material, including reinforcements (11 and 11') with more or less rigidity to provide the corresponding area greater or less strength

IPC 8 full level

A47C 27/20 (2006.01)

CPC (source: EP US)

A47C 27/144 (2013.01 - EP US); **A47C 27/148** (2013.01 - EP US); **A47C 27/20** (2013.01 - EP US)

Citation (applicant)

ES 2008000702 W 20081112

Citation (search report)

- [X] NL 8204371 A 19840601 - AUPING BV
- [X] WO 2009063109 A1 20090522 - TAEXPA S L [ES], et al
- [X] GB 2197785 A 19880602 - KIENLEIN KURT
- [X] DE 20310071 U1 20031224 - ERICH WINKLE POLSTERBETTEN [DE]
- [X] DE 102005057910 A1 20070606 - ROESSLE & WANNER GMBH [DE]
- [X] EP 1785072 A1 20070516 - RUMMEL MATRATZEN GMBH & CO KG [DE]
- [X] FR 1593548 A 19700601

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

US 70714810 A 20100217; EP 10380019 A 20100217