

Title (en)
A REST MATTRESS STRUCTURE

Title (de)
RUHEMATRATZENSTRUKTUR

Title (fr)
STRUCTURE DE MATELAS DE REPOS

Publication
EP 3130257 B1 20180425 (EN)

Application
EP 15180896 A 20150813

Priority
EP 15180896 A 20150813

Abstract (en)
[origin: EP3130257A1] A rest mattress structure is proposed, comprising: - a case body formed by two overlapping halves (10) (10') faced by their respective open sides, wherein said halves are molded bodies of an elastic material formed by respective boundary walls (11) (11') and respective closure walls (12) (12'), defining corresponding pneumatic chambers (c) (c') which are connected to the atmosphere via holes (13) (13') in boundary walls (11) (11'), - an intermediate molded body of elastic material (20) which constitutes a shock absorber assembly comprising a wall (21) with uniform thickness, which perimeter is supported between the facing edges of the respective boundary walls (11) (11') of the two halves (10) (10') of the case body, having in its larger faces a plurality of truncated cone shaped protrusions (22) (22') arranged to form several regular orthogonal lines, wherein said protrusions (22) (22') have heights similar to the height of cavity (c) (c') of the respective half (10) (10') of the case body, and - a peripheral support means (30) of said halves (10) (10') and intermediate body (20).

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

CPC (source: EP)
A47C 27/144 (2013.01); **A47C 27/15** (2013.01)

Cited by
EP3643207A1; CN113260284A; WO2020084136A1

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