

Title (en)
Mattress

Title (de)
Matratze

Title (fr)
Matelas

Publication
EP 1913848 A1 20080423 (EN)

Application
EP 06122342 A 20061016

Priority
EP 06122342 A 20061016

Abstract (en)

The invention relates to a mattress for use in a bed, seat or the like, comprising a pocketed spring assembly (3) including a plurality of parallel strings of springs (5) joined to each other. Each of said strings of springs (5) comprising a row of interconnected pockets containing at least one spring (4,5) encased in fabric such that the upper ends of the springs (4,5) are substantially flush with each other in an unloaded condition of the mattress. Inflatable members (6) are located underneath select positions of strings of springs (5). Each of said inflatable members (6) is of a width similar to one of said string of springs (5). The springs (5) in the strings of springs (5) under which an inflatable member (6) is located and the respective inflatable members (6) are positioned such with respect to each other that in the non-inflated condition of the inflatable members (6) the springs (5) are unsupported and have a free stroke, while in the inflated condition of the inflatable members (6), the springs (5) remain substantially unloaded by the inflatable members (6) when the mattress is unloaded.

IPC 8 full level
A47C 23/043 (2006.01); **A47C 23/047** (2006.01); **A47C 27/06** (2006.01)

CPC (source: EP)
A47C 23/0435 (2013.01); **A47C 23/047** (2013.01); **A47C 27/061** (2013.01); **A47C 27/064** (2013.01)

Citation (search report)

- [X] WO 2005053466 A1 20050616 - HARRISON BEDDING LTD [GB], et al
- [XD] US 2005273939 A1 20051215 - MOSSBECK NIELS S [US]
- [X] WO 2005020760 A1 20050310 - HARRISON BEDDING LTD [GB], et al
- [A] US 3919730 A 19751118 - REGAN JOHN J
- [A] EP 0611010 A1 19940817 - SIMMONS CO [US]

Cited by
EP3656253A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
HR

DOCDB simple family (publication)
EP 1913848 A1 20080423; NO 20075288 L 20080417

DOCDB simple family (application)
EP 06122342 A 20061016; NO 20075288 A 20071016