

Title (en)
Spring mattress

Title (de)
Untermatratze

Title (fr)
Sommier

Publication
EP 1410742 B2 20130327 (DE)

Application
EP 03022058 A 20031002

Priority
DE 20215964 U 20021017

Abstract (en)
[origin: EP1410742A1] The mattress is assembled of a soft upper layer and an adjustable lower part. The lower mattress is assembled of an outer frame (1) containing one permanently positioned module (2) and two adjustable sprung modules (10A). Each of the adjustable modules (10A) is provided with specifically shaped grooves at their outer surfaces, close to the lower edge, which can be engaged with swivel mounted elements (4) attached to the inner surface of the frame (1) in order to keep the module (10A) at a particular height.

IPC 8 full level
A47C 19/00 (2006.01); **A47C 27/00** (2006.01); **A47C 23/04** (2006.01); **A47C 27/05** (2006.01)

CPC (source: EP KR)
A47C 23/0435 (2013.01 - EP); **A47C 27/00** (2013.01 - KR)

Citation (opposition)
Opponent :

- US 4222137 A 19800916 - USAMI NOBUO
- US 5105488 A 19920421 - HUTCHINSON RONALD G [US], et al
- US 3340548 A 19670912 - JANAPOL MELVIN N
- US 5896604 A 19990427 - MCLEAN LESLIE HYLTON [AU]
- IKEA KATALOGUE, 5 August 2001 (2001-08-05), pages 216 - 219

Cited by
WO2010037415A1; US8918928B2; EP4173523A1

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

DOCDB simple family (publication)
EP 1410742 A1 20040421; EP 1410742 B1 20060329; EP 1410742 B2 20130327; AT E321476 T1 20060415; DE 20215964 U1 20030522; DE 50302790 D1 20060518; ES 2258193 T3 20060816; ES 2258193 T5 20130730; KR 20040034505 A 20040428

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