

Title (en)
Mattress

Title (de)
Matratze

Title (fr)
Matelas

Publication
EP 1031302 A3 20000913 (DE)

Application
EP 00890052 A 20000222

Priority
AT 11499 U 19990222

Abstract (en)
[origin: EP1031302A2] The elastic properties of the mattress can be locally changed by inserts (10, 11, 13) which directly adjoin each other in the recesses (2, 3, 4) of the mattress core. The inserts extend over the entire width of the mattress and the foam core (1) has as edge layers a cover layer (5) and base layer (6) held spaced from each other by webs (7, 8, 9) which are preferably stuck in. The hollow interspaces form the recesses for the inserts. the inserts can be cubed or prismatic blocks whose cross section corresponds in height and width to half the overall height of the mattress

IPC 1-7
A47C 27/14; **A47C 27/00**; **A47C 27/08**

IPC 8 full level
A47C 27/14 (2006.01)

CPC (source: EP)
A47C 21/046 (2013.01); **A47C 27/144** (2013.01); **A47C 27/148** (2013.01); **A47C 27/15** (2013.01); **A47C 27/20** (2013.01)

Citation (search report)

- [X] EP 0657127 A1 19950614 - DIAMONA HERMANN KOCH GMBH & CO [DE]
- [A] CH 517473 A 19720115 - MARPAL AG [CH]
- [DA] EP 0290674 A1 19881117 - ROKADO METALL HOLZ KUNSTSTOFF [DE]
- [DA] AT 279082 B 19700225 - EGON DOLIN FIDO SCHAUMGUMMIFAB
- [A] AT 364698 B 19811110 - MARPAL AG [CH]
- [A] DE 4300414 A1 19940609 - LUECK WERNER [DE]

Cited by
EP1829517A1; EP2322060A1; NL1035854C; EP3320886A3; EP1252840A1; EP1629815A1; WO2023235365A1; DE202009006743U1; DE202009003515U1; US11338518B2; DE202009003512U1; WO2022214336A1; DE202009008359U1; DE202017002880U1; EP3409145A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 1031302 A2 20000830; **EP 1031302 A3 20000913**; **EP 1031302 B1 20041215**; AT 3102 U1 19991025; AT E284637 T1 20050115; DE 50008926 D1 20050120

DOCDB simple family (application)
EP 00890052 A 20000222; AT 00890052 T 20000222; AT 11499 U 19990222; DE 50008926 T 20000222