

Title (en)
Spring core for cushion

Title (de)
Federkern für Polster

Title (fr)
Noyau à ressorts pour coussin

Publication
EP 0796580 B1 20010314 (DE)

Application
EP 97100304 A 19970110

Priority
CH 27996 A 19960202

Abstract (en)
[origin: EP0796580A1] The core comprises a large number of springs (4) which are inserted in the central foam body (3), on which there are covering layers. The body is profiled on both sides and has protrusions (5) and recesses of a mating geometrical shape. The springs are accommodated in the recesses. Parallel ribs, which can be of trapezium or rectangular cross-section, can be formed on both sides of the body, and spiral springs can be used, their ends resting on the protrusions. The covering layers (2) can be glued to the protrusions, with the spring ends between them. The spring ends can be 60 mm. diameter, or the springs may be of a double-cone shape.

IPC 1-7
A47C 27/20

IPC 8 full level
A47C 27/20 (2006.01)

CPC (source: EP)
A47C 27/053 (2013.01); **A47C 27/20** (2013.01)

Cited by
DE29719171U1; EP2296509A4

Designated contracting state (EPC)
AT CH DE FR IT LI

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EP 0796580 A1 19970924; EP 0796580 B1 20010314; AT E199633 T1 20010315; DE 59703121 D1 20010419

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