

Title (en)

Cushion with spring elements distributed in the surface

Title (de)

Polster mit über die Fläche des Polsters verteilten Federelementen oder Federn

Title (fr)

Coussin avec éléments ressort repartis au sein de la suface

Publication

**EP 1557116 B1 20061129 (DE)**

Application

**EP 04001152 A 20040121**

Priority

- EP 04001152 A 20040121
- US 18955705 A 20050726

Abstract (en)

[origin: EP1557116A1] The mattress can be assembled of two layers of fleece material (1, 2) with cylindrical cavities (12, 22) shaped into the material by molding. A spring (5) is accommodated in every pair of cavities (12, 22) positioned opposite each other. The arrangement is covered with a layer of fleece on the top (31) and under the bottom (32). In a second version the springs (5) are accommodated in deeper single chambers which can be of different shapes as in other possible versions.

IPC 8 full level

**A47C 27/06** (2006.01); **A47C 23/00** (2006.01); **A47C 27/04** (2006.01)

CPC (source: EP US)

**A47C 23/002** (2013.01 - EP US); **A47C 27/04** (2013.01 - EP US); **A47C 27/06** (2013.01 - EP US); **A47C 27/064** (2013.01 - EP US)

Designated contracting state (EPC)

CH DE ES GB IT LI

DOCDB simple family (publication)

**EP 1557116 A1 20050727**; **EP 1557116 B1 20061129**; DE 502004002167 D1 20070111; ES 2278234 T3 20070801; US 2007022538 A1 20070201

DOCDB simple family (application)

**EP 04001152 A 20040121**; DE 502004002167 T 20040121; ES 04001152 T 20040121; US 18955705 A 20050726