

Title (en)

Foam body with internal springing and method for manufacturing same.

Title (de)

Schaumstoffkörper mit eingesetzten Federn und Verfahren zur Herstellung.

Title (fr)

Corps en mousse avec ressorts internes et procédé de fabrication.

Publication

**EP 0426261 A1 19910508 (EN)**

Application

**EP 90202892 A 19901101**

Priority

NL 8902704 A 19891101

Abstract (en)

The invention relates to a plastic foam body (1) having a covering layer on the flat sides (5,6), like a mattress or a seat cushion. Compression springs (4) are arranged in the body (1) oriented to the flat sides (5,6), and pressure distributing means (7,8) for distributing the forces exerted by the compression springs (4). The pressure distributing means (7,8) comprise separate pressure distributing dishes (8) placed on each spring (4). The dimensions of each dish (8) are greater transversely of the spring direction than those of the end portion of its associated spring (4). The invention further relates to a method for arranging springs (4) and pressure distributing dishes (8) in a foam body (1) by providing in the body (1) channels (3), arranging a spring (4) with a dish (8) in each channel (3), and closing of the channel (3).

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Citation (search report)

- [XD] US 3623171 A 19711130 - ARKIN SANFORD L
- [Y] DE 79656 C
- [Y] FR 1110462 A 19560213
- [YD] DE 8903761 U1 19890524

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NL1017038C2; GB2434092A; US6948205B2; WO02065879A1; WO9827848A1

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