

Title (en)

Items composed of a steel frame with steel springs, behaving as elastic support, for the manufacturing of mattresses and cushions.

Title (de)

Artikel bestehend aus einem Stahlrahmen mit Stahlfedern, als elastische Unterstützung wirkend, zur Herstellung von Matratzen und Polstern.

Title (fr)

Articles constitués d'un cadre métallique avec des ressorts métalliques, se comportant comme support élastique, pour la fabrication de matelas et de coussins.

Publication

**EP 0228350 A2 19870708 (EN)**

Application

**EP 86830337 A 19861110**

Priority

IT 4044385 A 19851230

Abstract (en)

Items composed of a steel frame 1 with steel springs 2, behaving as elastic support, for manufacturing of mattresses and cushions with the peculiarity that the frame and the springs are completely embedded in a flexible polyurethane foam 3. The polymeric resin is polymerized and foamed directly in the structure placed in a special mould under controlled process conditions in order to obtain a polymeric foam with desired apparent density in relation to the applications. Eventually external coverings 4 in natural or synthetic material, can be added behaving as cover and/or padding.

IPC 1-7

**A47C 27/20**

IPC 8 full level

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CPC (source: EP)

**A47C 27/15** (2013.01); **A47C 27/20** (2013.01)

Cited by

ES2140305A1; US6425153B1; US8895109B2; US9060616B2; US9332857B2; US9848711B2; US9629467B2; WO2015038019A3; WO2015088798A1; WO2014105037A1

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