

Title (en)

Multilayer upholstery with zoned and ventilated middle layer and method for producing the same

Title (de)

Mehrschichtiges Polster mit zonierter und belüftender Mittelschicht und Verfahren zu seiner Herstellung

Title (fr)

Rembourrage multicouches comprenant une zone médiane délimitée et ventilée et son procédé de fabrication

Publication

**EP 2777437 B1 20160511 (DE)**

Application

**EP 14000843 A 20140310**

Priority

DE 102013004414 A 20130315

Abstract (en)

[origin: EP2777437A1] The element (1) has a surface layer provided inside of the element and comprising a structure, which is produced through a pressing method, where the element has multiple foam layers. The surface structure comprises upright standing spring elements (6), which are provided with a plate-shaped surface (7). The spring elements comprise a cross section e.g. circle section, and are provided with upstanding outer walls, where basic shapes of the upstanding outer walls are superimposed by a waveform. Parts of the upright standing spring elements are connected with each other by a bar. An independent claim is also included for a method for manufacturing a multilayer cushion element.

IPC 8 full level

**A47C 27/14** (2006.01); **A47C 27/15** (2006.01); **B68G 5/02** (2006.01); **B68G 11/04** (2006.01)

CPC (source: EP)

**A47C 27/144** (2013.01); **A47C 27/148** (2013.01); **A47C 27/15** (2013.01); **B68G 5/02** (2013.01); **B68G 11/04** (2013.01)

Citation (examination)

- DE 102010014664 A1 20111013 - METZELER SCHAUM GMBH [DE]
- EP 0642894 A1 19950315 - FOAMEX LP [US]
- DE 3637448 A1 19880505 - LIEBERKNECHT A [DE]
- US 4901387 A 19900220 - LUKE JOHN K [US]

Cited by

EP3130257A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**EP 2777437 A1 20140917**; **EP 2777437 B1 20160511**; DE 102013004414 A1 20140918; DE 102013004414 B4 20170803

DOCDB simple family (application)

**EP 14000843 A 20140310**; DE 102013004414 A 20130315