

Title (en)
Spring cushion

Title (de)
Federkissen

Title (fr)
Coussin à ressorts

Publication
EP 0838283 A3 20010103 (DE)

Application
EP 97116010 A 19970915

Priority
DE 19644175 A 19961024

Abstract (en)
[origin: EP0838283A2] A novel spring cushion is made of compacted, knitted fabric. The basic material (24) is knitted with a second, differing material (28) modifying its properties. This is a localised modification or extends overall. Preferably, the basic material comprises individual rows, the modifying material being knitted with it. The rows may alternate between basic and modifying material. The latter may have various desirable physical properties. It for example, damps vibrations, or has good electrical conductivity. The basic material may be of, or includes, steel wire. A modifying material is e.g. polyamide fibre, polytetrafluoroethylene fibre or carbon fibre.

IPC 1-7
B21F 27/16; **B21F 27/18**; **F16F 1/362**

IPC 8 full level
B21F 27/02 (2006.01); **B21F 27/16** (2006.01)

CPC (source: EP)
B21F 27/02 (2013.01); **B21F 27/16** (2013.01)

Citation (search report)
• [X] US 5149068 A 19920922 - BRANDENER LOUIS [FR]
• [A] US 4278717 A 19810714 - AOYAMA TOSHIHO

Cited by
AU2004200833B2

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0838283 A2 19980429; **EP 0838283 A3 20010103**; DE 19644175 A1 19980430

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EP 97116010 A 19970915; DE 19644175 A 19961024