

Title (en)
SPRING CORE FOR A MATTRESS

Publication
EP 0139956 B1 19881102 (DE)

Application
EP 84109738 A 19840816

Priority
DE 3333846 A 19830920

Abstract (en)
[origin: ES281530U] The spring core for a mattress consists of several, identically formed spring coils arranged in side by side rows with each row forming a wire piece having an upper and a lower mutually aligned end spiral in a U-shape, and having opposite legs joined together by a base webb. Adjacent coil springs are joined together at their end spirals along abutting legs by helical connecting springs. To arrange the springs at tight angles in rows and columns, a length of one leg is greater than the length of another leg and all the coil springs are oriented in the same direction, except along a edge region of the spring core.

IPC 1-7
A47C 23/043; **A47C 23/053**; **A47C 27/06**; **A47C 27/07**

IPC 8 full level
A47C 23/043 (2006.01); **A47C 23/053** (2006.01); **A47C 27/04** (2006.01); **A47C 27/06** (2006.01); **A47C 27/07** (2006.01)

CPC (source: EP US)
A47C 23/0438 (2013.01 - EP US); **A47C 23/05** (2013.01 - EP US); **A47C 27/065** (2013.01 - EP US); **A47C 27/07** (2013.01 - EP US)

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0139956 A2 19850508; **EP 0139956 A3 19860102**; **EP 0139956 B1 19881102**; AT E38318 T1 19881115; AU 3332884 A 19850328; AU 568877 B2 19880114; CA 1230685 A 19871222; DE 3333846 A1 19850404; DE 3474903 D1 19881208; ES 281530 U 19850416; ES 281530 Y 19860516; JP H0233366 B2 19900726; JP S60111611 A 19850618; MX 161820 A 19901228; US 4817924 A 19890404; ZA 847373 B 19850529

DOCDB simple family (application)
EP 84109738 A 19840816; AT 84109738 T 19840816; AU 3332884 A 19840920; CA 463687 A 19840920; DE 3333846 A 19830920; DE 3474903 T 19840816; ES 281530 U 19840920; JP 19648484 A 19840919; MX 20274284 A 19840918; US 18810988 A 19880428; ZA 847373 A 19840919