

Title (en)

Spring element for a spring core mattress or a mattress base

Title (de)

Federelement für eine Federkernmatratze oder eine Untermatratze

Title (fr)

Élément de ressort pour un matelas à ressorts ou un sommier

Publication

**EP 2227988 A3 20111012 (DE)**

Application

**EP 10002326 A 20100305**

Priority

DE 202009003461 U 20090311

Abstract (en)

[origin: EP2227988A2] The spring element has a spring body for elastically supporting a head plate (2) with respect to a base, where the head part has a central part (4) and two external parts (5). Connecting parts (6) e.g. bars, connect the external parts with the central part such that the external parts are lowered with respect to the central part perpendicular to a plane of the head plate. Springs support the external parts at the base, where the external parts are associated with the connecting parts. The connecting parts are symmetrically arranged.

IPC 8 full level

**A47C 23/04** (2006.01)

CPC (source: EP)

**A47C 23/0438** (2013.01); **A47C 27/065** (2013.01)

Citation (search report)

- [XY] US 6477727 B1 20021112 - FROMME HEINRICH [DE]
- [Y] WO 2005048781 A2 20050602 - BOCK HERMANN GMBH [DE], et al
- [X] DE 202005013020 U1 20051110 - HARTMANN SIEGBERT [DE]

Designated contracting state (EPC)

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 SE SI SK SM TR

Designated extension state (EPC)

AL BA ME RS

DOCDB simple family (publication)

**DE 202009003461 U1 20100722**; EP 2227988 A2 20100915; EP 2227988 A3 20111012; EP 2227988 B1 20140101; PL 2227988 T3 20140530

DOCDB simple family (application)

**DE 202009003461 U 20090311**; EP 10002326 A 20100305; PL 10002326 T 20100305