

Title (en)

Springelement for a sitting or lying furniture

Title (de)

Federelement für Sitz- und Liegemöbel

Title (fr)

Élément élastique pour meuble d'assise ou de couchage

Publication

**EP 1386564 B1 20060201 (DE)**

Application

**EP 03017157 A 20030729**

Priority

- DE 20211765 U 20020731
- DE 20300248 U 20030107

Abstract (en)

[origin: EP1386564A1] A bed frame has a mattress support surface formed of an array of spring units, each containing a support which may be rotated as required to change the degree of upthrust. The support (10) inner face has a curved base plate upon which the spring rests, bringing each sprung arm (3) into contact with the spring supporting arm.

IPC 8 full level

**A47C 23/00** (2006.01); **A47C 23/02** (2006.01); **A47C 23/04** (2006.01); **F16F 1/22** (2006.01)

CPC (source: EP US)

**A47C 23/002** (2013.01 - EP US)

Cited by

EP2412279A1; DE102012107887B3; DE102007020608B4; US10722042B2; US10932586B2; WO2008119400A1; US8256043B2; DE102010032912A1; EP2412278A1; DE102010045733A1; EP3669706A1; FR3090305A1; US11311113B2; EP3669705A1; FR3090307A1; FR3090306A1; US11311112B2; US11553803B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1386564 A1 20040204; EP 1386564 B1 20060201**; AT E316766 T1 20060215; DE 20300248 U1 20030911; DE 50302316 D1 20060413; DK 1386564 T3 20060522; ES 2256625 T3 20060716; JP 2004065963 A 20040304; JP 4499381 B2 20100707; US 2004123384 A1 20040701; US 6826791 B2 20041207

DOCDB simple family (application)

**EP 03017157 A 20030729**; AT 03017157 T 20030729; DE 20300248 U 20030107; DE 50302316 T 20030729; DK 03017157 T 20030729; ES 03017157 T 20030729; JP 2003203026 A 20030729; US 62454303 A 20030723