

Title (en)

Suspension device for a bed base with adjustable stiffness

Title (de)

Lagerungsvorrichtung für einen Bettrahmen mit regulierbarer Steifigkeit

Title (fr)

Dispositif de suspension pour un sommier à raideur réglable

Publication

**EP 2666389 B1 20150916 (FR)**

Application

**EP 13168904 A 20130523**

Priority

- EP 12169155 A 20120523
- FR 1261372 A 20121128
- EP 13168904 A 20130523

Abstract (en)

[origin: EP2666389A1] The device (510') has an upper section comprising a plate for supporting a mattress. A lower section (520') comprises a fixing unit for fixing the device to the plate. The lower section is connected to the upper section by a suspension unit. A modifying unit modifies stiffness of the device. A movable element (540') is moved with respect to the device between two positions to change the stiffness of the device. The movable element is provided with an elastic body that is configured to deform elastically when a moving element is moved from one of the positions to the other position.

IPC 8 full level

**A47C 23/06** (2006.01)

CPC (source: EP US)

**A47C 7/35** (2013.01 - US); **A47C 17/86** (2013.01 - US); **A47C 23/067** (2013.01 - EP US); **A47C 23/068** (2013.01 - EP US)

Cited by

EP2984923A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 2666389 A1 20131127**; **EP 2666389 B1 20150916**; FR 2990833 A1 20131129; FR 2990833 B1 20170106; US 2013334746 A1 20131219; US 9072387 B2 20150707

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**EP 13168904 A 20130523**; FR 1261372 A 20121128; US 201313899687 A 20130522