

Title (en)
SLAT-TYPE BED BOTTOM

Publication
EP 0118652 B1 19870527 (DE)

Application
EP 83810628 A 19831230

Priority
CH 17883 A 19830113

Abstract (en)
[origin: US4567615A] The arrangement comprises mounting supports for the spring slats, insertable in the longitudinal beams of the bedstead, with two upper spring-slats serving as a support for the mattress and undulating spring-slats situated below them. A tiltable holding part having four receptacles for the spring-slats is fitted on a plug of the mounting support. Below the plug there is a resilient bearing pad enabling the holding part to deflect vertically. The upper spring-slats are bent convexly upward and have a broadened cross-section in the middle. By means of the undulating lower spring-slats, a progressive spring action is achieved. There is no sagging of the mattress in the region of heavier parts of the body, optimum spring action being ensured nonetheless. It is possible to divide the bedstead into zones of differing degrees of firmness by selectively providing mounting supports with only upper spring-slats or with additional lower spring-slats.

IPC 1-7
A47C 23/06

IPC 8 full level
A47C 23/06 (2006.01); **A47C 23/12** (2006.01)

CPC (source: EP US)
A47C 23/064 (2013.01 - EP US); **A47C 23/068** (2013.01 - EP US)

Cited by
FR2758068A1; EP0734667A1; EP0654236A1; FR2666972A1; EP0834272A1; FR2753894A1; EP0397069A1; FR2633171A1; EP1366693A2; WO9947027A1; WO9829009A1

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

DOCDB simple family (publication)
EP 0118652 A1 19840919; EP 0118652 B1 19870527; AT E27399 T1 19870615; AU 2303784 A 19840719; AU 577269 B2 19880922; CH 668891 A5 19890215; DE 3371740 D1 19870702; DK 14284 A 19840714; DK 14284 D0 19840112; DK 163335 B 19920224; DK 163335 C 19920803; ES 289056 U 19860216; ES 289056 Y 19861001; FI 76684 B 19880831; FI 76684 C 19881212; FI 840068 A0 19840109; FI 840068 A 19840714; JP H0344762 B2 19910709; JP S59139214 A 19840810; NO 162700 B 19891030; NO 162700 C 19900207; NO 840096 L 19840716; US 4567615 A 19860204

DOCDB simple family (application)
EP 83810628 A 19831230; AT 83810628 T 19831230; AU 2303784 A 19840103; CH 17883 A 19830113; DE 3371740 T 19831230; DK 14284 A 19840112; ES 289056 U 19840104; FI 840068 A 19840109; JP 421284 A 19840112; NO 840096 A 19840111; US 56807784 A 19840104