

Title (en)

Arrangement for an adjustable bed

Title (de)

Anordnung für ein verstellbares Bett

Title (fr)

Agencement pour lit réglable

Publication

EP 2380463 A1 20111026 (EN)

Application

EP 10160730 A 20100422

Priority

EP 10160730 A 20100422

Abstract (en)

This invention relates to an arrangement for an adjustable bed (1). The arrangement comprises a plurality of hingedly interconnected support sections (3a-3d) forming an articulated mattress support (3) for supporting a mattress (2), and a support stand (4) for supporting the articulated mattress support (3). The mattress support (3), laterally outside the support stand (4), presents downwardly exposed areas along opposite longitudinal sides of the mattress support (3). Further, squeeze-preventing spaces (16) are formed between adjacent interconnected support sections at the longitudinal sides, wherein the support sections (3a-3d) present a larger mutual spacing at the squeeze-preventing spaces (16) and a smaller mutual spacing at locations where they are hingedly interconnected. With the arrangement according to the invention, squeezing during operation of the adjustable bed may be prevented.

IPC 8 full level

A47C 20/04 (2006.01); **A47C 20/08** (2006.01)

CPC (source: EP)

A47C 20/04 (2013.01); **A47C 20/08** (2013.01)

Citation (applicant)

US 7484254 B2 20090203 - ERIKSSON RIKARD [SE], et al

Citation (search report)

- [X] WO 9960893 A2 19991202 - HILL ROM CO INC [US]
- [A] US 2004034934 A1 20040226 - WEINMAN ADAM MICHAEL [US], et al
- [A] GB 2362566 A 20011128 - HUNTLEIGH TECHNOLOGY PLC [GB]
- [A] US 2002174487 A1 20021128 - KRAMER KENNETH L [US], et al

Cited by

EP3253257A4; US2021114499A1; US11993188B2

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)

EP 2380463 A1 20111026; EP 2380463 B1 20130220; DK 2380463 T3 20130422

DOCDB simple family (application)

EP 10160730 A 20100422; DK 10160730 T 20100422