

Title (en)

Lying surface for a bed, particulary care- or hospital bed

Title (de)

Liegefläche für ein Bett, insbesondere Pflege- und/oder Krankenbett

Title (fr)

Surface de support pour un lit, particulièrement lit de soin ou lit d'hôpital

Publication

**EP 1785113 A1 20070516 (DE)**

Application

**EP 06123571 A 20061107**

Priority

- DE 202006001755 U 20060204
- EP 05110613 A 20051110
- EP 06123571 A 20061107

Abstract (en)

The surface has an electro-mechanic lifting unit (20) for lifting and lowering one of bars (22) relative to a bearing element of the bar. The lifting unit includes housing with an electromotor having a drive shaft, a transmission and a lifting member supported at the bearing element of the bar. A vibration-damping support of the electromotor in the housing is formed by an air cushion or elastomer material. The bearing element at which the lifting member is supported is attached to a frame portion (66) of a mattress, where the frame portion is mechanically decoupled from the bearing element.

IPC 8 full level

**A61G 7/057** (2006.01); **A47C 21/00** (2006.01); **A47C 23/06** (2006.01)

CPC (source: EP US)

**A47C 23/067** (2013.01 - EP US); **A61G 7/0573** (2013.01 - EP US); **Y10S 5/934** (2013.01 - US)

Citation (search report)

- [XY] EP 1159947 A2 20011205 - CHUANG PAUL [CN]
- [Y] EP 0645110 A1 19950329 - BLASI IND SRL [IT]
- [A] WO 9823240 A1 19980604 - BILKOVIC EDUARD [SK]

Cited by

DE202011107540U1; WO2018137011A1; WO2011023307A1

Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

**EP 1785113 A1 20070516**; **EP 1785113 B1 20090902**; AT E441395 T1 20090915; DE 502006004723 D1 20091015; US 2007101498 A1 20070510; US 7552491 B2 20090630

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