

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)

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

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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