

Title (en)  
AN ADJUSTABLE HARDNESS BED

Title (de)  
BETT MIT VERSTELLBARER HÄRTE

Title (fr)  
LIT À DURETÉ RÉGLABLE

Publication  
**EP 3253257 A4 20180110 (EN)**

Application  
**EP 16746910 A 20160204**

Priority  
• SE 1550120 A 20150205  
• SE 2016050086 W 20160204

Abstract (en)  
[origin: WO2016126197A1] Adjustable bed comprising a bed frame comprising a primary base plate (2) a resilient mattress (7) arranged on top of the primary base plate (2), and at least a lifting arrangement (6) comprising a secondary base plate (5), arranged between the primary base plate (2) and the resilient mattress (7). At least one motor (8) is arranged for lifting the secondary base plate (5), and the lifting arrangement (6) further comprises first and second lever arm mechanisms (9, 10), connected to the motor (8) and arranged to lift the secondary base plate (5) in relation to the primary base plate (2), Guiding arrangements (24) are arranged to connect the secondary base plate (5) to the primary base plate (2) and to guide the secondary base (5) during a lifting operation between first, second and third positions.

IPC 8 full level  
**A47C 23/04** (2006.01); **A47C 23/043** (2006.01)

CPC (source: EP SE)  
**A47C 19/045** (2013.01 - EP); **A47C 23/0435** (2013.01 - EP SE); **A61G 7/002** (2013.01 - EP); **A61G 7/05** (2013.01 - EP);  
**A61G 7/012** (2013.01 - EP)

Citation (search report)  
• [X] US 2006021143 A1 20060202 - LEMIRE GUY [CA]  
• [X] EP 2380463 A1 20111026 - HILDING ANDERS INTERNAT AB [SE]  
• See references of WO 2016126197A1

Designated contracting state (EPC)  
AL 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 RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**WO 2016126197 A1 20160811**; EP 3253257 A1 20171213; EP 3253257 A4 20180110; EP 3253257 B1 20190724; ES 2753166 T3 20200407;  
SE 1550120 A1 20160806; SE 540591 C2 20181002

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**SE 2016050086 W 20160204**; EP 16746910 A 20160204; ES 16746910 T 20160204; SE 1550120 A 20150205