

Title (en)  
AN ADJUSTABLE HARDNESS BED

Title (de)  
BETT MIT VERSTELLBARER HÄRTE

Title (fr)  
LIT À DURETÉ RÉGLABLE

Publication  
**EP 3253257 B1 20190724 (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  
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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);  
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