

Title (en)  
SPRING MATTRESS WITH SOFTNESS ADJUSTABLE MECHANISM

Title (de)  
FEDERMATRATZE MIT WEICHHEITSEINSTELLMECHANISMUS

Title (fr)  
MATELAS À RESSORT AVEC MÉCANISME RÉGLABLE DE LA SOUPLESSE

Publication  
**EP 3656253 A1 20200527 (EN)**

Application  
**EP 18207228 A 20181120**

Priority  
EP 18207228 A 20181120

Abstract (en)  
A spring mattress with a softness adjustable mechanism includes an upper mattress body (1), a lower mattress body (2), a plurality of springs (3), and a plurality of softness adjusting units (4). An accommodating space (21) is formed between the upper mattress body (1) and the lower mattress body (2). The springs (3) and the softness adjusting units (4) are disposed in the accommodating space (21). The softness adjusting units (4) are spaced apart from each other, and the softness adjusting units (4) respectively abut against the springs (3) to adjust elasticities of the springs (3).

IPC 8 full level  
**A47C 27/06** (2006.01); **A47C 27/10** (2006.01)

CPC (source: EP)  
**A47C 27/061** (2013.01); **A47C 27/063** (2013.01); **A47C 27/10** (2013.01)

Citation (search report)

- [X] US 6986182 B2 20060117 - MOSSBECK NIELS S [US]
- [X] US 7513003 B2 20090407 - MOSSBECK NIELS S [US]
- [X] EP 1913848 A1 20080423 - JENSEN MOBLER AS [NO]
- [XI] KR 101695955 B1 20170113

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)  
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