

Title (en)  
REPOSE SIMULATOR

Title (de)  
LIEGESIMULATOR

Title (fr)  
SIMULATEUR POUR MATELAS

Publication  
**EP 2490575 A1 20120829 (DE)**

Application  
**EP 10779256 A 20101019**

Priority  
• AT 16572009 A 20091021  
• EP 2010065680 W 20101019

Abstract (en)  
[origin: WO2011048072A1] The invention relates to a method for determining and for individually adapting the support function in individual sections of a repose mattress to a target person, wherein the repose mattress comprises support elements having different degrees of hardness in the individual sections of the mattress, and a measurement mattress (10) having dimensions substantially identical to those of the repose mattress is used, wherein the support elements of the repose mattress are replaced in the measurement mattress (10) by air chambers (11), the pressure thereof being individually controllable and adjustable, and the pressure in each individual air chamber (11) being adjusted for producing a pressure profile, such that the repose comfort of the target person lying on the measurement mattress (10) is optimized, in order to subsequently use the identified pressure values for adapting the support function in the individual sections of the repose mattress by selecting those support elements having hardness levels corresponding to the pressure values of the air chambers (11) of the measurement mattress (10).

IPC 8 full level  
**A47C 31/12** (2006.01)

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Citation (search report)  
See references of WO 2011048072A1

Cited by  
ES2631134A1; NL2013708B1; AT523087A1; AT523087B1; WO2021237258A1; WO2021072471A1

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DOCDB simple family (publication)  
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