

Title (en)  
Weight regulator for a chair

Title (de)  
Gewichtsregler für einen Sitz

Title (fr)  
Régulateur de poids pour une chaise

Publication  
**EP 1570767 A1 20050907 (EN)**

Application  
**EP 05388015 A 20050228**

Priority  
• DK PA200400337 A 20040301  
• DK PA200401521 A 20041005

Abstract (en)  
A method of regulating the weight of a chair comprising a base frame (2) to support a seat face as well as a spring system (3) having adjustment means (20, 21), wherein the resilience of the chair is adjusted by unloaded adjustment means, and the adjustment is performed by moving one or more of the adjustment means (20, 21) at a time along a portion of the circumference of the base frame (2), and wherein the adjustment means adjusted first performs a coarse adjustment, following which a fine adjustment is performed with a second adjustment means. The invention also relates to a weight regulator for a chair, said chair comprising adjustment means for individual adjustment of the resilience of the seat and/or the backrest of the chair in dependence on the user's weight, said weight regulator comprising primary adjustment means for a coarse adjustment and secondary adjustment means for a fine adjustment of the resilience of the seat or of the backrest by tilting/movement, said adjustment means (20, 21) operating between a lower bearing point (19) and a base frame (2), said adjustment means (20, 21) being unloaded at the moment of adjustment. <IMAGE>

IPC 1-7  
**A47C 3/026**; **A47C 1/032**

IPC 8 full level  
**A47C 1/032** (2006.01); **A47C 3/026** (2006.01)

CPC (source: EP)  
**A47C 1/0325** (2013.01); **A47C 3/026** (2013.01); **A47C 7/446** (2013.01); **A47C 7/448** (2013.01)

Citation (applicant)  
• DE 4231057 A1 19940324 - MAUSER WALDECK AG [DE]  
• US 5397165 A 19950314 - GRIN ITZHAK [IL], et al

Citation (search report)  
• [XA] US 5584533 A 19961217 - SCHREWE KLAUS [DE]  
• [XA] EP 0672370 A1 19950920 - BACKQUALITY EUROP [NL]  
• [XA] WO 0171527 A2 20010927 - CKE TECHNOLOGIES INC [CA], et al  
• [A] NL 9300381 A 19941003 - BMA ERGONOMICS B V

Cited by  
DE102010026787A1; DE102010026787B4

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 MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1570767 A1 20050907**

DOCDB simple family (application)  
**EP 05388015 A 20050228**