

Title (en)

Spring unit for weight adjustment of a chair

Title (de)

Federeinheit zur Gewichtseinstellung eines Stuhls

Title (fr)

Bloc-ressort d'une chaise pour l'adaptation au poids

Publication

EP 1127522 B1 20041222 (DE)

Application

EP 01104641 A 20010223

Priority

- DE 10008453 A 20000223
- DE 20003313 U 20000223

Abstract (en)

[origin: EP1127522A2] The spring unit for adjusting the support of a user's weight on an office chair comprises a main spring (12) and several auxiliary springs (17 - 19). All the springs are mounted on a connecting bar (13) at their bases and a slide (16) at the top allows the auxiliary springs to be individually or collectively linked with the main spring. An Independent claim is included for a chair incorporating the spring unit.

IPC 1-7

A47C 31/12; **A47C 1/032**

IPC 8 full level

A47C 1/024 (2006.01)

CPC (source: EP US)

A47C 7/443 (2013.01 - EP US); **A47C 7/446** (2013.01 - EP US); **A47C 31/126** (2013.01 - EP US)

Cited by

EP1396213A1; US6796611B2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1127522 A2 20010829; **EP 1127522 A3 20020206**; **EP 1127522 B1 20041222**; AT E285188 T1 20050115; DE 10008453 A1 20010913; DE 10008453 C2 20020718; DE 20003313 U1 20010705; US 6659555 B1 20031209

DOCDB simple family (application)

EP 01104641 A 20010223; AT 01104641 T 20010223; DE 10008453 A 20000223; DE 20003313 U 20000223; US 63192000 A 20000803