Title (en)
MULTI-WAY ADJUSTING DEVICE FOR A SEAT ELEMENT AND/OR A CABLE CONTROL

Title (de)
MEHRWEG-VERSTELLVORRICHTUNG FÜR EINE SITZKOMPONENTE UND/ODER EINEN SEILZUG

Title (fr)
DISPOSITIF DE REGLAGE PLUSIEURS VOIES POUR UN ELEMENT DE SIEGE ET/OU UNE COMMANDE PAR CABLE

Publication
EP 1631165 B1 20080820 (DE)

Application
EP 04736202 A 20040607

Priority
• EP 2004006116 W 20040607
• DE 10325849 A 20030606

Abstract (en)
[origin: WO2004107918A1] The invention relates to a multi-way-adjusting device, in particular to a two-way device for a seating component, mainly for adjusting the width of a seatback. The inventive multi-way adjusting device comprises an adjusting element (7) which is movable with respect to a fixing element (1) and requires less energy for adjusting in a first direction (a) than in a second direction (B). In order to compensate said difference, mechanical energy storage elements (5) absorb mechanical energy during adjusting in the first direction (A) and release said energy during adjusting in the second direction (B), thereby facilitating the displacement of the adjusting element (7) in the second direction (B). Said invention also relates to a corresponding adjusting device for a cable control, in particular to a Bowden cable which is used for adjusting the height or the curve of the lordosis support of the seat.

IPC 8 full level
A47C 1/034 (2006.01); **A47C 1/023** (2006.01); **A47C 1/032** (2006.01); **A47C 3/025** (2006.01); **A47C 3/22** (2006.01); **A47C 3/24** (2006.01); **A47C 7/40** (2006.01); **A47C 7/44** (2006.01); **A47C 7/46** (2006.01)

CPC (source: EP US)
A47C 1/023 (2013.01 - EP US); **A47C 7/40** (2013.01 - EP US); **A47C 7/465** (2013.01 - EP US)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2004107918 A1 20041216; AT E405190 T1 20080915; AT E427053 T1 20090415; DE 10325849 A1 20050105; DE 502004007901 D1 20081002; DE 502004009292 D1 20090514; EP 1631165 A1 20060308; EP 1631165 B1 20080820; EP 1813169 A1 20070801; EP 1813169 B1 20090401; ES 2308185 T3 20081201; US 2007152492 A1 20070705; US 8136882 B2 20120320

DOCDB simple family (application)
EP 2004006116 W 20040607; AT 04736202 T 20040607; AT 07009619 T 20040607; DE 10325849 A 20030606; DE 502004007901 T 20040607; DE 502004009292 T 20040607; EP 04736202 A 20040607; EP 07009619 A 20040607; ES 04736202 T 20040607; US 55952204 A 20040607