

Title (en)

Moving coupled servo device for a seat component, in particular a chair

Title (de)

Bewegungsgekoppelte Servoeinrichtung für ein Sitzteil, insbesondere eines Stuhls

Title (fr)

Dispositif de direction couplée au mouvement pour une partie de siège, en particulier d'une chaise

Publication

EP 1941815 B1 20110323 (DE)

Application

EP 08000107 A 20080104

Priority

DE 102007001194 A 20070105

Abstract (en)

[origin: EP1941815A2] The servo mechanism (29) for a seat (14) of a chair (1) has a scissor-type articulated lever assembly (30, 30') which is connected to the seat part and a support frame (5) and includes several articulated lever elements. A spring assembly progressively applies a spring force upon the scissor-type articulated lever assembly so that a relative change in angular disposition between the lever elements applies a substantially constant force upon the seat part in every position of the seat part, where a travel distance of the seat part is greater than a spring travel of the spring assembly.

IPC 8 full level

A47C 1/032 (2006.01)

CPC (source: EP US)

A47C 1/03255 (2013.01 - EP US); **A47C 1/03272** (2013.01 - EP US); **A47C 1/03294** (2013.01 - EP US)

Cited by

ITBS20100020A1

Designated contracting state (EPC)

DE ES GB IT

DOCDB simple family (publication)

EP 1941815 A2 20080709; EP 1941815 A3 20090415; EP 1941815 B1 20110323; CN 101238933 A 20080813; CN 101238933 B 20100602; DE 102007001194 A1 20080710; DE 502008002922 D1 20110505; HK 1120710 A1 20090409; US 2008164746 A1 20080710; US 7488040 B2 20090210

DOCDB simple family (application)

EP 08000107 A 20080104; CN 200810002404 A 20080107; DE 102007001194 A 20070105; DE 502008002922 T 20080104; HK 08112366 A 20081111; US 96949008 A 20080104