

Title (en)

A tilt control device, in particular for a chair, and a method of operation

Title (de)

Neigungssteuerungsvorrichtung, insbesondere für einen Stuhl, und Verfahren zum Betrieb

Title (fr)

Dispositif de commande d'inclinaison, en particulier pour une chaise et procédé de fonctionnement

Publication

EP 2745740 A1 20140625 (EN)

Application

EP 13193075 A 20131115

Priority

NO 20121538 A 20121219

Abstract (en)

A tilt control device and an associated method for controlling relative movements (M) between a first chair member (5) and a second chair member (6) that are pivotally connected. The first member (5) comprises one receptacle (18) and the second member (6) comprises a guide (30), and the tilt control device further comprises a movable tilt locking member (16) configured for removably entering the guide (30) and the at least one receptacle (18). An operating member (7) is operably connected to the locking member (16) via resilient actuating means (26, 27), that are configured and arranged to allow relative movement between the operating member and the locking member. The operating member (7) and the locking member (16) are thus not directly connected, but the operating member controls the movements of the locking member via intermediate resilient elements, e.g. springs (26, 27).

IPC 8 full level

A47C 1/026 (2006.01); **A47C 1/032** (2006.01)

CPC (source: EP KR)

A47C 1/024 (2013.01 - KR); **A47C 1/026** (2013.01 - EP); **A47C 1/03205** (2013.01 - KR); **A47C 1/03238** (2013.01 - EP)

Citation (search report)

- [X] US 6213552 B1 20010410 - MIOTTO BENIAMINO [IT]
- [X] EP 0902634 B1 20000405 - IMARC SPA [IT]
- [X] US 2010187883 A1 20100729 - CHEN YUNG-HUA [TW]

Cited by

EP3620082A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2745740 A1 20140625; **EP 2745740 B1 20160810**; CN 103876509 A 20140625; CN 103876509 B 20181026; KR 20140079743 A 20140627; NO 20121538 A1 20140620; NO 336920 B1 20151123

DOCDB simple family (application)

EP 13193075 A 20131115; CN 201310699946 A 20131218; KR 20130159046 A 20131219; NO 20121538 A 20121219