

Title (en)

Device for adjusting seat angles and chair

Title (de)

Vorrichtung zur Sitzneigungsverstellung und Stuhl

Title (fr)

Dispositif destiné au réglage de l'inclinaison d'un siège et siège

Publication

EP 2177132 B1 20150401 (DE)

Application

EP 09158105 A 20090417

Priority

DE 102008042973 A 20081020

Abstract (en)

[origin: EP2177132A1] The device (20) has a spring-loaded guide lever (21) comprising a spring-elastic unit (26) e.g. spiral spring, fastened to a seat of a chair, where the unit exerts a spring force on the lever in a clamped condition. A guide rail (23) has a vertically running locking rail (31) in an inner area (30), and a toothed wheel (22) is coupled with the lever over an articulated connection, such that a toothed wheel section (27) of the wheel is arranged in the inner area in a vertically movable manner for engaging a tooth of the wheel section to a tooth of the locking rail during a seat inclination. An independent claim is also included for a chair e.g. office chair and swivel chair or armchair, comprising a chair support and a seat.

IPC 8 full level

A47C 1/025 (2006.01)

CPC (source: EP)

A47C 1/022 (2013.01)

Cited by

CN117898576A

Designated contracting state (EPC)

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DOCDB simple family (publication)

DE 102008042973 B3 20100107; EP 2177132 A1 20100421; EP 2177132 B1 20150401

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