

Title (en)
Reclining device for seats.

Title (de)
Neigungsvorrichtung für Sitzmöbel.

Title (fr)
Dispositif d'inclinaison pour sièges.

Publication
EP 0001846 A1 19790516 (DE)

Application
EP 78200139 A 19780814

Priority
DE 2748680 A 19771029

Abstract (en)
[origin: US4384741A] A compact, optically inconspicuous tilting device for seating units, to be attached underneath a seat including a casing disposed beneath a seat resting on the understructure of the seating unit, a seat carrier pivotably mounted about a horizontal axis to the front edge area of said seat, mechanical locking means for connecting the seat carrier within the casing including first locking members successively arranged in at least two planes parallel to the swivel axis of the seat carrier and staggered towards each other and second locking members engageable with said first locking members, a rest member connected to said casing including a shank member, a link member interconnecting said seat carrier with the shank member, a bearing member connected to said casing operably engageable with said shank member to the rest member, at least one spring element mounted on said casing which acts at one end of the seat carrier opposite to the load of the user, and bistable activation lever means for activating said mechanical locking means, accessible to the user of the seat unit in such a manner that, in a first operable position, said second locking members are disengaged from said first locking members and, in a second operable position, at least one of said second locking members is engaged with said first locking members.

Abstract (de)
Kompakte, optisch unauffällig unter dem Sitz anzubringende Neigungsvorrichtung für Sitzmöbel, welche einerseits fest arretierte, in der Neigung feinstufig wählbare Sitzpositionen, und andererseits ein pendelndes, dynamisches Sitzen gegen individuell einstellbare Federkraft ermöglicht. Im Sinne eines Baukastensystems sind einfache Modelle mit starrer Lehne, oder komfortablere Modelle mit eigenbeweglicher, mit der Neigung des Sitzes in einem vorgegebenen Neignungsverhältnis zwangsgekoppelter Lehne herstellbar.

IPC 1-7
A47C 1/026; **A47C 1/032**; **A47C 3/026**

IPC 8 full level
A47C 1/026 (2006.01); **A47C 1/032** (2006.01); **A47C 3/026** (2006.01)

CPC (source: EP US)
A47C 1/026 (2013.01 - EP US); **A47C 1/03238** (2013.01 - EP US); **A47C 1/03255** (2013.01 - EP US); **A47C 1/03266** (2013.01 - EP US); **A47C 1/03272** (2013.01 - EP US); **A47C 1/03277** (2013.01 - US); **A47C 3/026** (2013.01 - EP US); **A47C 7/441** (2013.01 - EP US); **A47C 7/443** (2013.01 - US); **A47C 7/445** (2013.01 - US); **A47C 1/03277** (2013.01 - EP); **A47C 7/443** (2013.01 - EP); **A47C 7/445** (2013.01 - EP)

Citation (search report)
• US 2321385 A 19430608 - HEROLD WALTER F
• US 2827951 A 19580325 - HERIDER ELMER A, et al
• [D] DE 2001097 A1 19710923 - IMAI SEISAKUSHO KK, et al

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DOCDB simple family (application)
EP 78200139 A 19780814; AT 600978 A 19780818; DE 2748680 A 19771029; DE 2860656 T 19780814; IT 2887578 A 19781018; US 18364480 A 19800903