

Title (en)
CHAIR, PARTICULARLY AN OFFICE CHAIR

Publication
EP 0250995 A3 19880420 (DE)

Application
EP 87108536 A 19870612

Priority
• DE 3622272 A 19860703
• DE 8617738 U 19860703

Abstract (en)
[origin: US4773706A] A chair, particularly an office chair, has a vertically adjustable seat carrying means at which, by means of a control linkage, a seat plate that can be adjusted in its slope is coupled as well as a backrest are coupled. The backrest adjusts itself as a function of the slope of the seat plate. The control linkage comprises coupling elements that are held at the seat carrying means and are arranged in the shape of scissors and are coupled to seat parts of a seat surface that are flexibly connected with one another. By means of this coupling, an imaginary axis of rotation in the knee area is formed that is transversely extending and unchangeable and is located in front of the seat surface. This axis of rotation in the knee area is located in an intersecting line that is formed between a horizontal plane of the seat surface when in a basic adjusted position and a diagonal plane of one coupling element when in an inclined adjusted position. As a result, an uncomfortable sitting is avoided when the chair is adjusted because no change of the user's relevant support points takes place with respect to the chair as well as of the leg supporting points with respect to the contact surface of the chair.

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

IPC 8 full level
A47C 1/031 (2006.01); **A47C 1/032** (2006.01); **A47C 3/026** (2006.01)

CPC (source: EP US)
A47C 1/03255 (2013.01 - EP US); **A47C 1/03294** (2013.01 - EP US)

Citation (search report)
• [A] EP 0136374 A2 19850410 - GIROFLEX ENTWICKLUNGS AG [CH]
• [A] US 4502729 A 19850305 - LOCHER HERMANN [CH]
• [A] CH 489227 A 19700430 - KERSTHOLT FRITZ [DE], et al

Cited by
US5564783A; US5388889A; US5573303A; US5397165A

Designated contracting state (EPC)
AT BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0250995 A2 19880107; **EP 0250995 A3 19880420**; **EP 0250995 B1 19910130**; AT E60496 T1 19910215; CA 1266226 A 19900227; DE 3622272 A1 19880121; DE 3622272 C2 19880601; DE 3767784 D1 19910307; DE 8617738 U1 19880310; DK 339687 A 19880104; DK 339687 D0 19870702; ES 2021300 B3 19911101; NO 872593 D0 19870619; NO 872593 L 19880104; US 4773706 A 19880927

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