

Title (en)
CHAIR WITH AN INCLINABLE SEAT AND BACK-REST

Publication
EP 0136374 B1 19870616 (DE)

Application
EP 83111332 A 19831112

Priority
CH 541883 A 19831005

Abstract (en)
[origin: US4668012A] The seat member and the back member are adjustably mounted at each side of the chair in two support bearings or pivot joints of a chair base and are connected to one another by a third pivot joint. The seat member comprises an extension in the direction of the back member while the back member is maintained in spaced relationship to the third pivot joint by part of a lower strut portion on each side of the chair. A spring element is mounted at its ends on the free end of the extension part of the seat member and on the back member. In transition from the working position (full lines) into the relaxed or reclined position (broken lines), a relative motion is superimposed upon the pivoting motions of the seat member and of the back member. This relative motion produces unequal vertical downward displacements of the free end of the seat extension and of the backrest portion where it joins the strut portion. The action of this relative motion avoids the otherwise inevitable stretch effect on the occupant of the chair without requiring the supplementary linkages employed in known constructions.

IPC 1-7
A47C 1/032

IPC 8 full level
A47C 1/024 (2006.01); **A47C 1/032** (2006.01); **A47C 3/026** (2006.01)

CPC (source: EP US)
A47C 1/03255 (2013.01 - EP US); **A47C 1/03283** (2013.01 - EP US)

Cited by
US4776633A; EP0250995A3; US5725277A; EP0399251A1

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

DOCDB simple family (publication)
EP 0136374 A2 19850410; EP 0136374 A3 19850612; EP 0136374 B1 19870616; AT E27763 T1 19870715; CA 1237973 A 19880614; DE 3372059 D1 19870723; JP H0454446 B2 19920831; JP S6077712 A 19850502; US 4668012 A 19870526; ZA 843867 B 19850424

DOCDB simple family (application)
EP 83111332 A 19831112; AT 83111332 T 19831112; CA 463620 A 19840919; DE 3372059 T 19831112; JP 8359884 A 19840425; US 65249684 A 19840919; ZA 843867 A 19840522