

Title (en)
Recline chair.

Title (de)
Lehnstuhl.

Title (fr)
Fauteuil inclinable.

Publication
EP 0164267 A2 19851211 (EN)

Application
EP 85303994 A 19850605

Priority
US 61873884 A 19840608

Abstract (en)
A recline chair for use in an office or home is designed, with associated furniture, for the performance of tasks while in such chair such as reading, writing or operation of a computer or word processor. The chair is designed to be used with an ottoman and includes a seat (25) and back (20) both reclinable rearwardly with the back being reclinable to a much greater extent. The back and arms (18) are pivoted at an ideal natural body pivot point (17) of the user and the seat is pivoted (24) at its front but reclined through a suspended linkage (28, 29) from the arms but through a much shorter pivot arm so there is not upward lifting of the users legs. A head rest (44) is mounted on the back and is extendable about which is struck from the ideal pivot point of the head and back of the user. The head rest includes a special cranial support (131) which may be vertically adjusted within the headrest itself. Both the headrest and the seat and back are provided with separate actuators (69, 39) which tend to urge the headrest to its extended position and the seat and back to the upright position. Each actuator includes a locking mechanism and separate control means are provided for each lock mechanism in the respective arms. The lock mechanism of the head rest and backrest is engaged as a result of the weight of a user sitting in the chair and can only be released through its control. The controls are enabled as a result of the weight of the user in the chair. The chair is brought to its upright position automatically if the user should leave the chair in its reclined position. This is accomplished through a special interlocking control mechanism in each arm of the chair actuated by the presence or absence of a weight on the seat.

IPC 1-7
A47C 1/032

IPC 8 full level
A47C 1/024 (2006.01); **A47C 1/032** (2006.01); **A47C 1/036** (2006.01); **A47C 7/38** (2006.01)

CPC (source: EP KR)
A47C 1/02 (2013.01 - KR); **A47C 1/032** (2013.01 - EP); **A47C 1/03283** (2013.01 - EP); **A47C 1/036** (2013.01 - EP); **A47C 7/38** (2013.01 - EP); **B63B 2039/063** (2013.01 - EP)

Cited by
CH696379A5; EP1872688A1; CN105496052A; US5472261A; EP0721751A3; EP0721752A3; US7819473B2; WO2017049223A1; WO9926517A1; WO9926518A1

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

DOCDB simple family (publication)
EP 0164267 A2 19851211; **EP 0164267 A3 19880127**; AU 4316485 A 19851212; AU 571974 B2 19880428; CA 1242965 A 19881011; ES 287269 U 19851116; ES 287269 Y 19880701; JP S6145706 A 19860305; KR 860000049 A 19860125; KR 930004458 B1 19930527; NZ 212280 A 19890224

DOCDB simple family (application)
EP 85303994 A 19850605; AU 4316485 A 19850530; CA 483437 A 19850607; ES 287269 U 19850607; JP 12283485 A 19850607; KR 850003966 A 19850607; NZ 21228085 A 19850604