

Title (en)

Power actuated reclining chair with wall-hugger function

Title (de)

Kraftbetätigter Lehnstuhl zur Gebrauch in der Nähe einer Wand

Title (fr)

Chaise motorisée inclinable utilisable à proximité d'une paroi

Publication

EP 1050248 A2 20001108 (EN)

Application

EP 00303861 A 20000508

Priority

US 30597299 A 19990506

Abstract (en)

A reclining chair has a backrest and a seat, which includes a front seat portion and a rear seat portion. The chair is carried on a mechanized base. The base carries an actuator, which is coupled to a reclining linkage assembly. The reclining linkage assembly applies force in response to operation of the actuator to advance the seat and backrest forward while also tilting the backrest rearward from a generally upright position to a generally reclined position. Advancing the seat and backrest forward while the backrest reclines, keeps the distance between the backrest and an adjacent wall generally constant, regardless of whether the backrest is in the generally upright position and in the generally reclined position. The actuator can also operate a lifting linkage assembly for lifting the seat and tilting the seat forward to assist exit from the chair. A locking mechanism resists extension of an associated footrest linkage when the seat is lifted and tilted forward. <IMAGE>

IPC 1-7

A47C 1/032; **A61G 5/14**

IPC 8 full level

A47C 1/032 (2006.01); **A47C 1/034** (2006.01); **A61G 5/14** (2006.01)

CPC (source: EP US)

A47C 1/0345 (2013.01 - EP US); **A61G 5/14** (2013.01 - EP US); **A61G 5/1075** (2013.01 - EP US)

Citation (applicant)

US 4007960 A 19770215 - GAFFNEY EDWARD J

Cited by

EP1092371A1; CN103298373A; WO2006069813A1; WO2012032305A1; US9155388B2; US9808385B2; EP3143902B1

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