

Title (en)
Reclining lift chair

Title (de)
Neigbarer Hubstuhl

Title (fr)
Fauteuil élévateur inclinable

Publication
EP 3050548 A1 20160803 (EN)

Application
EP 15153460 A 20150202

Priority
EP 15153460 A 20150202

Abstract (en)
The invention relates to a reclining lift chair (1) comprising: - a base (5); - a seat (2); - a first planar four bar linkage arranged between the base (5) and the seat (2) for guiding an up and down movement of the seat (2) relative to the base (5), wherein a first bar (5), is fixedly arranged to the base (5), the third bar (9) opposite of the first bar is fixedly arranged to the seat (2) and wherein there is length difference between the first and third bars (9) and / or a length difference between the second (8) and fourth bar (10) in order to provide a tilting movement of the seat (2) during up and down movement; - a first linear actuator (16) for moving the seat (2) up and down relative to the base (5); and - a backrest (3) hingedly arranged to the seat (2); - a second planar four bar linkage wherein a fifth bar (11) is fixedly arranged to the seat (2), a sixth bar (12) is fixedly arranged to the backrest (3); and - a first control rod (15) hingedly arranged between the eighth bar (14) of the second planar four bar and the fourth bar (10) of the first planar four bar linkage.

IPC 8 full level
A61G 5/14 (2006.01); **A47C 1/0355** (2013.01)

CPC (source: EP)
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Citation (search report)
• [X] NL 1037909 C2 20111025 - POOT SIMON [NL]
• [X] US 4007960 A 19770215 - GAFFNEY EDWARD J

Cited by
CN107825412A; CN108125431A; WO2023051024A1

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