

Title (en)
RECLINING ELEMENT

Title (de)
LIEGEELEMENT

Title (fr)
ELEMENT DE REPOS

Publication
EP 1523258 A1 20050420 (DE)

Application
EP 03764966 A 20030710

Priority
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Abstract (en)
[origin: US2006022500A1] A reclining element includes a pivotal backrest, a headrest, which is coupled in an articulated manner thereto, and optionally a footrest. These pivotal parts can be displaced by an electromotive adjusting device. The reclining element is so configured as to eliminate the need for the link lever fastened to the pivot shaft, whereby the forces required for adjusting can be transmitted by an appropriate kinematic system to the footrest or backrest. In order to raise the backrest, an articulated lever (20) is used, which is provided in the form of a toggle lever and which is connected to the adjusting element. A lever (20 a) of the articulated lever (20) is coupled to the adjusting element (18). The other lever (20 b) is coupled to the backrest (11) so that when the adjusting element travels out of the end position, the joint (21) executes a guided linear movement and a rotational movement that leads to a blocking of the articulated lever (20) in a particular blocking position. A preferred embodiment of the reclining element is a slatted frame.

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A47C 20/08; A47C 20/04

IPC 8 full level
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CPC (source: EP US)
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