Title (en)
Articulated mechanism for a bed

Title (de)
Gelenkmechanismus für ein Bett

Title (fr)
Mécanisme articulé pour un lit

Publication
EP 2160961 A1 20100310 (EN)

Application
EP 08425586 A 20080903

Priority
EP 08425586 A 20080903

Abstract (en)
An articulated mechanism is described that allows to lift a net of a bed, or in general a support plane (12) for a mattress, to a certain height from ground and/or in respect of a frame (10). In order to help lifting the frame without effort, the mechanism comprises two substantially parallel segments (16 18) each hinged at their extremity to a side of the frame and at the other extremity to the support plane so as to constitute as a whole an articulated parallelogram; and motor means (16 20) adapted to push the two segments making them rotate around the hinging points on the frame, thereby lifting the frame.

IPC 8 full level
A47C 17/86 (2006.01); **A47C 19/00** (2006.01)

CPC (source: EP)
A47C 17/86 (2013.01); **A47C 19/045** (2013.01)

Citation (search report)
- [X] DE 8910487 U1 19891207
- [X] JP H1023944 A 19980127 - FRANCE BED CO
- [X] US 2005251915 A1 20051117 - ELIZONDO ADAN [MX]
- [X] FR 2757756 A1 19980703 - ONIRIS SA [FR]
- [A] DE 9418386 U1 19950223 - FOERDERVEREIN INST FUER MEDIZI [DE]
- [A] EP 1374741 A1 20040102 - OGGIONI & C S R L [IT]

Cited by
ES2344390A1; ES2488366A1; ITTV20120068A1; RU2635039C1; ITMI20110416A1; ITMI20101544A1; IT201600128064A1; EP2322059A1; CN102266172A; ITUB20159296A1; US2022175148A1; EP4056074A1; WO2012125042A1

Designated contracting state (EPC)
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Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
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