

Title (en)
Articulated bed with lifting mechanism

Title (de)
Gelenkbett mit Hebemechanismus

Title (fr)
Lit articulé à mécanisme de levage

Publication
EP 2108288 A1 20091014 (EN)

Application
EP 09157352 A 20090405

Priority
IT TV20080054 A 20080411

Abstract (en)
A lifting mechanism for the bedspring or the bed-plane (20) of an articulated bed is presented. The bedspring or the bed-plane (20) is connected to a chassis (10) laid on the ground, and comprises (i) a first and a second lifting arm (30, 40) mounted substantially parallel to each other and hinged to the chassis and the bed-plane to form an articulated parallelogram, one of the two arms being extendable through two segments (42, 44) mounted telescopically into one another, and (ii) elastic means thrusting between the two segments to counter the weight of the bed-plane and to servo their lifting. The elastic means (50) are arranged inside one or both of said segments (42, 44).

IPC 8 full level
A47C 19/00 (2006.01)

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

Citation (search report)
• [X] EP 1374741 A1 20040102 - OGGIONI & C S R L [IT]
• [A] US 2008041680 A1 20080221 - MINTGEN ROLF [DE], et al

Cited by
ITMI20100392A1; IT201600102975A1; ITRM20090184A1; ITTV20120132A1; WO2014141259A1; EP2901895A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
EP 2108288 A1 20091014; EP 2108288 B1 20110713; AT E515962 T1 20110715; CN 101579180 A 20091118; CN 101579180 B 20130213; ES 2368781 T3 20111122; IT TV20080054 A1 20091012; PL 2108288 T3 20111230; PT 2108288 E 20111019; SI 2108288 T1 20111130

DOCDB simple family (application)
EP 09157352 A 20090405; AT 09157352 T 20090405; CN 200910129942 A 20090410; ES 09157352 T 20090405; IT TV20080054 A 20080411; PL 09157352 T 20090405; PT 09157352 T 20090405; SI 200930062 T 20090405