

Title (en)  
BED STRUCTURE

Title (de)  
BETTSTRUKTUR

Title (fr)  
STRUCTURE DU LIT

Publication  
**EP 3869999 B1 20230222 (EN)**

Application  
**EP 19778542 A 20191002**

Priority  
• IT 201800010706 A 20181129  
• EP 2019076703 W 20191002

Abstract (en)  
[origin: WO2020108829A1] The bed structure (1) comprises a base container (5) having an open top, a bed base (6) and at least one reversible moving mechanism (2a, 2b) for moving the bed base (6) from a lower closed horizontal position of the open top of the base container (5) to a tilted position of access to the volume bounded by the base container (5), and subsequently to an upper horizontal position distanced from the open top of the base container (5), the reversible moving mechanism (2a, 2b) comprises reciprocally hinged levers connecting the bed base (6) to the base container (5), the reversible moving mechanism (2a, 2b) has overall only one degree of freedom, has a first rotation - translation stroke of the bed base (6) from the lower horizontal position to the tilted position, and a second rotation stroke of the bed base (6) from the tilted position to the upper horizontal position, in which the rotation of the bed base (6) in the second rotation stroke is opposite the rotation of the bed base (6) in the second rotation - translation stroke. The bed structure 1 comprises a linear actuator (17) of the reversible moving mechanism (2a, 2b) that moves the bed base (6) between said positions and locks the bed base (6) in the position reached.

IPC 8 full level  
**A47C 17/86** (2006.01); **A47C 19/04** (2006.01)

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

Designated contracting state (EPC)  
AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2020108829 A1 20200604**; EP 3869999 A1 20210901; EP 3869999 B1 20230222; IT 201800010706 A1 20200529;  
PL 3869999 T3 20230508

DOCDB simple family (application)  
**EP 2019076703 W 20191002**; EP 19778542 A 20191002; IT 201800010706 A 20181129; PL 19778542 T 20191002