

Title (en)  
Bed with storage compartment and bed base tilting and raising mechanism

Title (de)  
Bett mit Aufbewahrungsfach und Bettgestellkipp- und -hebemechanismus

Title (fr)  
Lit avec compartiment de stockage et mécanisme d'inclinaison et d'élévation de sommier de lit

Publication  
**EP 2387915 A2 20111123 (EN)**

Application  
**EP 11166294 A 20110517**

Priority  
IT MI20100890 A 20100519

Abstract (en)  
A bed (1) is disclosed, which comprises a storage compartment (2) with two side panels (2a, 2b) and a bed base (3), having a top side (3a) for supporting a mattress (5) and a bottom side (3b), and a mechanism (4, 4) for moving said bed base (3), which involves: - a first step for moving the bed base (3) from a substantially horizontal lowered configuration to an upwardly inclined configuration for access to said storage compartment (2); - a second step for moving said bed base (3) from an upwardly inclined configuration to a substantially horizontal raised configuration; characterized in that said mechanism (4) for moving the bed base (3) comprises a pair of synchronized five-sided linkages (4, 4), each five-sided linkage (4, 4) comprising: - a frame (40) integral with said side panel (2a, 2b) of said container (2); - a first lever (41a, 41b) hinged to said frame (40); - a second lever (42) hinged to said first lever (41a, 41b); - a third lever (43), hinged to said second lever (42), said third lever (43) being integral with said bottom side (36) of said bed base (3); - a fourth lever (44) hinged to said third lever (43) and said frame (40); and in that lock means (14a, 14b) are provided for locking said first lever (41a, 41b) to hold said first lever (41a, 41b) locked during said first step; and in that stop means (12) are provided for stopping the movement of each moving mechanism (4) when said bed base (3) reaches a substantially horizontal raised position.

IPC 8 full level  
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