Title (en)
Device for handling a bed structure

Title (de)
Vorrichtung zur Handhabung einer Bettstruktur

Title (fr)
Dispositif pour la manipulation d'une structure de lit

Publication
EP 2888976 B1 20151007 (EN)

Application
EP 14004085 A 20141203

Priority
IT FI20130306 A 20131227

Abstract (en)
[origin: EP2888976A1] Device for handling a bed structure, comprising a base or frame (R) on which a mattress can be placed and a shaft (1) driven by a motor unit (10) and on which there are anchored a plurality of pairs of belts (2, 3, 4, 5), wherein the two belts (2, 3, 4, 5) of each pair of belts are oriented parallel to a side of the base or frame (R), wherein each of said belts has a first end anchored on said shaft (1) and a second end connected to a corresponding fixed anchorage point (21, 31, 41, 51), i.e. anchored to a point (21, 31, 41 , 51) placed at a predetermined height, wherein the said shaft (1) is secured to said base or frame (R), wherein the clockwise or counterclockwise rotation of the shaft (1) about its own axis (y-y) determines the winding of the belts (2, 3 , 4, 5) on the same shaft (1) or their unwinding and a first portion of each belt is wound on the shaft (1) while a second portion of each belt is comprised between the first portion wound on the shaft (1) and the respective fixed anchorage point. The belts of each of said pairs of belts (2, 3, 4, 5) have their respective portions wound on the shaft (1) on each other and coaxially to the same shaft (1).

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Cited by
US11510830B2; ITUB20153427A1; IT202100032957A1; IT202100032954A1; IT202100032951A1; US11882384B2

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