

Title (en)

Carriage with lifting mechanism to fit into the sides of the base structure of furniture, for the purpose of allowing easy lifting onto wheels in order to facilitate movement

Title (de)

Gestell mit Hebemechanismus, der in die Seiten der Bodenstruktur eines Möbelstücks passt, zum Zwecke des Ermöglichens eines einfachen Hebens auf Räder, um das Umsetzen zu erleichtern

Title (fr)

Chariot avec mécanisme de levage s'adaptant dans les côtés de la structure de base d'un meuble visant à faciliter le levage sur des roues pour faciliter le mouvement

Publication

EP 2098138 A1 20090909 (EN)

Application

EP 09425074 A 20090224

Priority

IT LI20080001 A 20080306

Abstract (en)

A carriage with a lifting mechanism to be solidly fixed to the inside of the sides of the base structure of furniture (A) in a position which is not visible from outside, with the purpose of easily lifting the furniture onto wheels (E) to facilitate its movement whenever necessary for maintenance, cleaning etc. The piece of furniture is lifted from the floor acting on a screw (B) which is screwed into a pivot. The movement acts on the arms (D) of the carriage causing the wheels on these to come out from beneath the bottom of the piece of furniture. The exit of the wheels causes the piece of furniture to be lifted from the floor by an amount sufficient to allow its easy movement within a room. When the piece of furniture is positioned anew, action is taken in an opposite sense on the mechanism to make the wheels of the carriage re-enter.

IPC 8 full level

A47B 91/00 (2006.01)

CPC (source: EP)

A47B 91/002 (2013.01)

Citation (search report)

- [X] DE 230886 C
- [X] JP H1175974 A 19990323 - PATETSUKU KK
- [X] DE 20216126 U1 20031127 - BAUIMPULS AG [DE]
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Cited by

CN108726063A; CN108433408A; SE2000237A1; SE546074C2; US11986095B2

Designated contracting state (EPC)

DE

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2098138 A1 20090909; IT LI20080001 A1 20090907

DOCDB simple family (application)

EP 09425074 A 20090224; IT LI20080001 A 20080306