

Title (en)  
MODULAR SYSTEM FOR THE ASSEMBLY OF POWER-ADJUSTED SUPPORTING DEVICES FOR THE UPHOLSTERY OF SEATING AND/OR RECLINING FURNITURE

Title (de)  
BAUKASTENSYSTEM ZUR MONTAGE MOTORISCH VERSTELLBARER STÜTZEINRICHTUNGEN ZUR POLSTERUNG VON SITZ- UND/ODER LIEGEMÖBELN

Title (fr)  
SYSTEME MODULAIRE POUR LE MONTAGE DE DISPOSITIFS DE SOUTIEN, POUVANT ETRE DEPLACES AU MOYEN D'UN MOTEUR, DESTINES AU REMBOURRAGE DE MEUBLES D'ASSISE ET/OU COUCHAGE

Publication  
**EP 1603433 A1 20051214 (DE)**

Application  
**EP 04739361 A 20040526**

Priority  

- EP 2004005655 W 20040526
- DE 10325796 A 20030605
- DE 102004016048 A 20040401

Abstract (en)  
[origin: WO2004107924A1] The invention relates to a modular system for the assembly of power-adjusted supporting devices for the upholstery of seating and/or reclining furniture, especially for mattresses of beds, whereby the respective supporting device, in the assembled state, comprises at least two support elements, adjustable relative to each other, for supporting the upholstery. The inventive system is characterized by at least one first longitudinal brace subassembly (4) and at least one second longitudinal brace assembly (6) which can be detachably interlinked at a lateral distance to each other by fasteners, thereby forming a base of the supporting device, and can be non-destructively disassembled. The inventive modular system allows for the simple and inexpensive assembly of especially slatted frames.

IPC 1-7  
**A47C 20/04**

IPC 8 full level  
**A47C 1/024** (2006.01); **A47C 19/04** (2006.01); **A47C 20/04** (2006.01); **A47C 20/08** (2006.01)

CPC (source: EP US)  
**A47C 1/0242** (2013.01 - EP US); **A47C 19/04** (2013.01 - EP US); **A47C 20/041** (2013.01 - EP US); **A47C 20/08** (2013.01 - EP US)

Citation (search report)  
See references of WO 2004107924A1

Citation (examination)  
US 5740568 A 19980421 - ELLIOTT FRANKLIN E [US]

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2004107924 A1 20041216**; EP 1603433 A1 20051214; JP 2006526441 A 20061124; US 2006130236 A1 20060622; US 7386901 B2 20080617

DOCDB simple family (application)  
**EP 2004005655 W 20040526**; EP 04739361 A 20040526; JP 2006508207 A 20040526; US 29349405 A 20051205