

Title (en)

Piece of furniture with an in operational state horizontal support surface

Title (de)

Möbelstück mit einer im Funktionszustand horizontalen Auflagefläche

Title (fr)

Meuble avec une surface de support horizontale en état de fonctionnement

Publication

EP 1661489 A1 20060531 (DE)

Application

EP 05025822 A 20051125

Priority

- DE 102004058602 A 20041126
- DE 102005002920 A 20050114
- DE 102005002921 A 20050114

Abstract (en)

A furniture item with height adjustable support surface has a coaxial support system with a height adjusting control shaft (5) linked to the height adjustment via a reduction gearing (8, 9). The kinematic linkage between the control and the support system includes a self locking action to secure the support surface at the selected height without any separate locking system. This can be achieved by choice of the pitch of a threaded height adjuster.

IPC 8 full level

A47B 9/00 (2006.01); **A47C 3/20** (2006.01)

CPC (source: EP)

A47B 9/12 (2013.01); **A47B 13/02** (2013.01)

Citation (search report)

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- [Y] US 3587482 A 19710628 - WIELAND ROMAN G
- [Y] FR 1532877 A 19680712
- [A] FR 1439589 A 19660520 - SYSTEM COMMUNICA AB
- [A] CH 355582 A 19610715 - HECKMANN WILHELM [DE]
- [A] US 2721106 A 19551018 - WALTER CHANEY JOHN
- [A] DE 29617926 U1 19970109 - PROTONED BV [NL]
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Citation (examination)

FR 1344092 A 19631122 - HASLOCHER AUSZIEHTISCH UND MOB

Cited by

CN114916802A; CN112021777A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1661489 A1 20060531

DOCDB simple family (application)

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