

Title (en)

Mattress support

Title (de)

Matratzenauflagerung

Title (fr)

Support de matelas

Publication

EP 1163867 A3 20041103 (DE)

Application

EP 01113950 A 20010608

Priority

DE 20010400 U 20000615

Abstract (en)

[origin: EP1163867A2] A variable posture bed frame has the back and neck supports (18, 19) jointed (16, 17) to adjust the optimum contour. A shaped cam lever (7) has a rotating mounting on an extension of the back support. The lower arm of the cam has a curved profile (13) resting on a bearing (9) on the bed frame and raises and lowers the back support. The upper arm (15) has a cam profile that raises and lowers the neck support. The adjusting cam can be servo driven or is manually adjusted. The sections of the bed frame comprise side struts linked by transverse laths.

IPC 1-7

A47C 20/08; **A47C 20/04**

IPC 8 full level

A47C 20/04 (2006.01); **A47C 20/08** (2006.01)

CPC (source: EP US)

A47C 20/04 (2013.01 - EP US); **A47C 20/08** (2013.01 - EP US)

Citation (search report)

- [A] EP 0891730 A2 19990120 - HUELSTA WERKE HUELS KG [DE]
- [A] DE 29602931 U1 19960711 - OPTIMO MOEBELHANDELSGESELLSCHA [DE]
- [A] DE 29903454 U1 19990520 - HARTMANN SIEGBERT [DE]
- [A] CH 451432 A 19680515 - GREINER OTTO [DE]
- [A] EP 0761137 A1 19970312 - SIMMONS CIE CONTINENTALE [FR]

Designated contracting state (EPC)

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DOCDB simple family (publication)

DE 20010400 U1 20000928; AU 3513401 A 20011220; DE 50111438 D1 20061228; EP 1163867 A2 20011219; EP 1163867 A3 20041103; EP 1163867 B1 20061115; US 2002002743 A1 20020110; US 6463607 B2 20021015

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