

Title (en)  
Mechanism for sofa-beds and the like

Title (de)  
Mechanismus für Sofabetten und dergleichen

Title (fr)  
Mécanisme pour canapé-lits et analogues

Publication  
**EP 1190649 A1 20020327 (EN)**

Application  
**EP 00830629 A 20000921**

Priority  
EP 00830629 A 20000921

Abstract (en)  
Mechanism for sofa-beds and the like, which comprises at least one frame (22) suitable for supporting a back (23), one frame (25) suitable for supporting a seat (26), a framework (1) having a substantially parallelepiped shape, a bedspring (2) which is suitable for supporting at least one mattress (4) and is divided into at least four frames (2a, 2b, 2c, 2d) mutually hinged two by two, as well as a plurality of lever systems (A, A', B, B') suitable for lifting and extending said bedspring (2) from the parallelepiped framework (1), at least one lifting lever system (A, A') of said lever systems (A, A', B, B') suitable for lifting and extending said bedspring (2) being provided with a first lever (6) which is hinged to the parallelepiped framework (1), to the second frame (2b) of the bedspring (2) and to a second lever (16) in turn hinged to the third frame (2c) of the bedspring (2), wherein said lifting lever system (A, A') comprises a third lever (11) which is hinged to the parallelepiped framework (1) and to the first frame (2a) of the bedspring (2), said first lever (6) and third lever (11) of the lifting lever system (A, A') being connected in a rotatable manner by a connecting rod (10) so that these levers (6, 11) can rotate at the same time in the same direction. <IMAGE>

IPC 1-7  
**A47C 17/22**

IPC 8 full level  
**A47C 17/20** (2006.01); **A47C 17/22** (2006.01)

CPC (source: EP)  
**A47C 17/20** (2013.01); **A47C 17/225** (2013.01)

Citation (applicant)  
EP 0808590 A1 19971126 - LAMPOLET SPA [IT]

Citation (search report)  
• [DYA] EP 0808590 A1 19971126 - LAMPOLET SPA [IT]  
• [Y] GB 391570 A 19330504 - DANIEL COORSH, et al  
• [A] EP 0868870 A2 19981007 - STEMA SRL [IT]

Cited by  
EP1479323A1; ITAN20100068A1; ITMI20110918A1; EP1989966A1; US8201290B1; EP2248444A1; ITMI20090785A1; DE10322838B3; CN102316764A; ITMI20090189A1; ITMI20130439A1; EP2243400A1; ITMI20090651A1; CN109662512A; EP2243399A1; US9055822B2; DE202013007217U1; WO2004086913A1; WO2010091792A1

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**EP 1190649 A1 20020327**; **EP 1190649 B1 20061102**; AT E343951 T1 20061115; DE 60031674 D1 20061214; DE 60031674 T2 20070906; ES 2273660 T3 20070516; PT 1190649 E 20070228

DOCDB simple family (application)  
**EP 00830629 A 20000921**; AT 00830629 T 20000921; DE 60031674 T 20000921; ES 00830629 T 20000921; PT 00830629 T 20000921