

Title (en)

BLOCKABLE LIFTING DEVICE FOR THE STEPLESS ADJUSTMENT OF FURNITURE PARTS, AND GUIDING BUSH FOR SUCH A LIFTING DEVICE

Publication

EP 0325726 B1 19920415 (DE)

Application

EP 88119734 A 19881126

Priority

DE 8800976 U 19880128

Abstract (en)

[origin: US4899969A] A lockable elevating mechanism for the continuous adjustment of chair seats or the like comprises a guide tube, in which a length-adjustable, lockable gas spring is slidably guided. The piston rod of the gas spring is connected to the bottom plate of the guide tube. The housing of the gas spring is guided by means of a guide sleeve in the guide tube, the guide sleeve having a central carrying tube, in which slide sleeves are arranged with space. The carrying tube is surrounded by a carrying sleeve held in the guide tube. Thus a gas spring is obtained, on the one hand, which is free of bracing, resistant to wear and with good sliding qualities, and, on the other hand, the manufacturing of the guide sleeve is favorable in terms of material expenditure.

IPC 1-7

A47B 9/10; **A47C 3/30**

IPC 8 full level

A47B 9/10 (2006.01); **A47C 3/30** (2006.01)

CPC (source: EP KR US)

A47B 9/10 (2013.01 - EP US); **A47B 51/00** (2013.01 - KR); **A47C 3/30** (2013.01 - EP US)

Cited by

EP0802346A3; EP0668037A1; EP0441267A1; US5131615A; DE19713035C2; DE9212735U1; DE4200786A1; US5333968A; EP0602406A3; EP0553440A1; EP0511500A1; TR26401A; EP0910973A2

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US 29169388 A 19881229; AT 88119734 T 19881126; DE 3870209 T 19881126; DE 8800976 U 19880128; EP 88119734 A 19881126; ES 88119734 T 19881126; GR 920400921 T 19920512; JP 3644888 U 19880322; KR 880002937 U 19880304; TR 1288 A 19881216