

Title (en)

IMPROVED MECHANISM FOR SELECTING THE VERTICAL POSITIONING OF LOAD-BEARING FURNITURE COMPONENTS

Publication

**EP 0169418 A3 19861126 (EN)**

Application

**EP 85108341 A 19850705**

Priority

IT 2266284 U 19840723

Abstract (en)

[origin: EP0169418A2] The improved mechanism for selecting the vertical positioning of load-bearing furniture components comprises a load-bearing column 10 placed between the work surface or seat 42 and the base 38. This load-bearing column has a double wall formed by two coaxial tubular bodies 14 and 12. A moving piston 32 placed in the cavity of this column divides the cavity into two chambers 16 and 18. A pressurised gas is distributed in the chambers. Valve components 68 are attached to the upper part of the said column and include a moving body 26, part of which has a reduced diameter and which is moved by a lever 22; these valve components allow the gas to be transferred from the upper chamber 18 to a small valve chamber 66. A pierced tube 62 connects up the said small valve chamber 66 with the lower chamber 16.

IPC 1-7

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

IPC 8 full level

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

CPC (source: EP)

**A47B 9/10** (2013.01); **A47C 3/30** (2013.01)

Citation (search report)

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KR100442536B1; EP0172708A3

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**EP 0169418 A2 19860129**; **EP 0169418 A3 19861126**; **EP 0169418 B1 19891213**; AT E48517 T1 19891215; DE 3574672 D1 19900118; ES 288264 U 19851201; ES 288264 Y 19860701; IT 8422662 V0 19840723

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