

Title (en)
Height adjustable support for furniture

Title (de)
Höhenverstellbare Stütze für Möbel

Title (fr)
Support réglable en hauteur pour meubles

Publication
EP 1374725 B1 20081119 (DE)

Application
EP 03013932 A 20030620

Priority
DE 20209687 U 20020621

Abstract (en)
[origin: EP1374725A1] The leg (2) is assembled of a horizontal stand (4), an outer bar (6), an inner bar (8) and a gas pressurized spring (24) fixed between them and accommodated inside the inner bar (8). A flat longitudinal element (14) is accommodated inside the outer bar (6) at a short distance from its inner surface, facilitating the insertion of the inner bar (8) between the inner surface of the outer bar (6) and the flat element (14). The spring (24) is stationary joined to a horizontal bolt (28) located at the top of the flat element (14) and hung with a hook (24b) to a plate (26) fixed inside the lower end of the inner bar (8), facilitating an axial motion of the spring (24) within the set limits. When a locking screw (22) guided through both of the bars (6, 8) and the flat element (14) is loosened, the tabletop is lifted by the forces of the spring (24) and can be adjusted by tightening the screw (22) at the appropriate height.

IPC 8 full level
A47B 9/02 (2006.01)

CPC (source: EP)
A47B 9/02 (2013.01)

Cited by
EP1790248A1; US7841588B2; DE202008012616U1; US11920728B1; WO2007060617A3

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

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EP 1374725 A1 20040102; EP 1374725 B1 20081119; AT E414441 T1 20081215; DE 20209687 U1 20030220; DE 50310796 D1 20090102

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