

Title (en)
TABLE WITH ADJUSTABLE TOP

Publication
EP 0065036 B1 19860430 (DE)

Application
EP 81106873 A 19810903

Priority
DE 3120126 A 19810520

Abstract (en)
[origin: US4502394A] In a table comprising a table-top that can be adjusted in height and/or inclination relative to the trestle, and a spring arrangement provided between the trestle and the table-top and serving to counterbalance the weight of the table, the table-top (6) is connected to the trestle at its rear edge by disengageable stops and at its front edge by clamps. The spring arrangement comprises a torsion bar spring (11) mounted preferably on the trestle (1) and provided with at least two radial arms (15, 21) bearing against the trestle (1) and the lower face of the table-top (6), respectively. Such a spring arrangement is of particularly simple design and requires only little space. Further, the torsion bar spring offers a favorable spring characteristic. A particularly soft spring effect can be achieved by the use of a stack of leaf springs (31) as torsion bar spring. The stop arrangement comprises pins (61) projecting from the rear edge of the table-top into a cable duct (2) where they are held by a toothed slide (64). The clamps are formed by clamping pieces (90) which can be displaced in opposite directions by rotating a threaded spindle (82) seated at the front edge of the table-top, coacting with fixed abutments (88,89), the said clamping pieces (90) and abutments (88,89) bearing against opposite faces of the wall (86) of a hollow section (5) of the trestle (1).

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A47B 9/02

IPC 8 full level
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