

Title (en)

Height adjustment mechanism for furniture, especially tables

Title (de)

Höhenverstellvorrichtung für Möbel, insbesondere Tische

Title (fr)

Dispositif d'ajustement en hauteur pour meubles, en particulier des tables

Publication

EP 0743033 B1 19980729 (DE)

Application

EP 96105698 A 19960411

Priority

DE 29508298 U 19950519

Abstract (en)

[origin: EP0743033A1] The support foot for the furniture leg (1) has an outer thread (5) which is threaded into the threaded ring (2) fitted to the bottom of the leg. A tensioner ring (8) between the threaded ring and a clamping ring (6), with inner thread, controls the relative spacing of the threaded ring and the clamping ring. The tensioner ring is released to allow easy adjustment of the threaded foot and is moved into the tension position to force the threaded ring and the clamping ring to secure grip the thread, without play. The clamping ring is rotationally coupled to the threaded ring by axial tags. The tensioner ring is coupled to the threaded ring by wedge profiles which alter the relative spacing of the two ring by rotating the tensioner ring. An outer sleeve (9) covers the adjustable foot and is slid up to effect the adjustment.

IPC 1-7

A47B 91/02

IPC 8 full level

A47B 91/02 (2006.01)

CPC (source: EP)

A47B 91/024 (2013.01)

Cited by

EP0958762A1; CN109009624A; GB2323029A; AU742331B2; US6092771A; CN106195537A; CN113576157A; US6327985B1; WO9725904A1

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DOCDB simple family (publication)

EP 0743033 A1 19961120; EP 0743033 B1 19980729; AT E168863 T1 19980815; AU 5233796 A 19961128; AU 704861 B2 19990506; BR 9602325 A 19980422; DE 29508298 U1 19950810; DE 59600375 D1 19980903; DK 0743033 T3 19990503; ES 2122736 T3 19981216; JP 2775423 B2 19980716; JP H08308655 A 19961126

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