

Title (en)

Furniture hinge with closing or holding mechanism.

Title (de)

Möbelscharnier mit Schliess-bzw. Zuhalteeinrichtung.

Title (fr)

Charnière de meuble avec dispositif de fermeture ou de maintien en position fermée.

Publication

EP 0542034 B1 19950628 (DE)

Application

EP 92118376 A 19921028

Priority

DE 9114154 U 19911114

Abstract (en)

[origin: EP0542034A1] The subject of the invention is a furniture hinge with a closing and holding-shut mechanism, with a part for fastening on the door and the piece of furniture, and with at least one spring element (5) which acts on at least one articulation lever (2, 3), connecting the hinge parts to each other in an articulated manner, or on a catch-locking member, accommodated in one of the hinge parts, and which, at least shortly before reaching the closed position of the hinge, generates or increases a force component acting in the closing direction of the hinge, adjusting means which act on the spring element and permit a modification of the force component acting in the closing direction being present. The object of the invention is to provide an adjusting member which acts on the spring element of a furniture hinge of this type, is easy and quick to actuate, allows the extent of the spring prestress to be discerned at any time and, requiring little space, can be used for differently designed spring elements or spring systems and/or hinge types. This is achieved in that the adjusting means is a threadless, axially non-displaceable, rotatably mounted shaped body (10) which, during rotation, acts directly or indirectly on the spring element (5) and changes the position of the entire spring element or the position at least of a part (22) of the spring element (5).

IPC 1-7

E05D 11/10

IPC 8 full level

E05D 11/10 (2006.01)

CPC (source: EP)

E05D 11/1021 (2013.01); **E05Y 2900/20** (2013.01)

Cited by

BE1015762A3; AT407416B; US7516519B2; US6401298B1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI NL SE

DOCDB simple family (publication)

EP 0542034 A1 19930519; **EP 0542034 B1 19950628**; AT E124491 T1 19950715; DE 59202715 D1 19950803; DE 9114154 U1 19920116; DK 0542034 T3 19951106; ES 2073843 T3 19950816; GR 3017279 T3 19951130

DOCDB simple family (application)

EP 92118376 A 19921028; AT 92118376 T 19921028; DE 59202715 T 19921028; DE 9114154 U 19911114; DK 92118376 T 19921028; ES 92118376 T 19921028; GR 950402397 T 19950831