

Title (en)

Process to prevent an accidental rotation of adjustment screws of a hanging bracket

Title (de)

Prozess zum Verhindern einer unbeabsichtigten Rotation von Einstellschrauben eines Aufhängebeschlags

Title (fr)

Procédé pour empêcher la rotation involontaire des vis de réglage d'un crochet suspendu

Publication

EP 2850971 B1 20160427 (EN)

Application

EP 14183329 A 20140903

Priority

IT MI20131546 A 20130919

Abstract (en)

[origin: EP2850971A1] A perfected hanging bracket (20) for the assembly of wall-cupboards comprises, in combination: a shaped base (21) on which a bracket (22) is assembled, whose position is adjustable, with the possibility of rotating and translating, said bracket (22) having a hook-shaped end (24) protruding from said base (21), two regulation mechanisms, the first (25) for adjusting the height and a second (26) for adjusting the depth, cooperating with said bracket (22), the first mechanism (25) for regulating the height comprises a lunette (28) guided to slide on the base (21), the lower end of said lunette (28) acting on the bracket (22) whereas the upper end cooperates with a regulation screw (29), the second mechanism (26) for regulating the depth, consists of a regulation screw (33) which acts on the end of the bracket (22) opposite to the hook (24). According to the invention, an undesired accidental rotation (screwing or unscrewing) of said screws (29) and (33) is prevented by completely pulling the bracket (22) against the base (21) by tightening the screw (33), said maneuver compelling the bracket (22) to acquire a horizontal position, the screw (29) cannot therefore be screwed by pushing the lunette (28) and consequently the bracket (22), which is blocked in a horizontal position by the tightening of the screw (33) and cannot be unscrewed as, thanks to a deformation (d) in its threading, it creates friction with the rotation which prevents this.

IPC 8 full level

A47B 95/00 (2006.01)

CPC (source: EP RU)

A47B 95/008 (2013.01 - EP RU); **A47B 96/07** (2013.01 - RU)

Citation (examination)

- DE 202007006355 U1 20080710 - OCE PRINTING SYSTEMS GMBH [DE]
- DE 202013101802 U1 20140728 - DELBROUCK GMBH [DE]
- DE 102006032227 A1 20080110 - RIEBER GMBH & CO KG [DE]

Cited by

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Designated contracting state (EPC)

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