

Title (en)

An automatic clutch clamp for sliding trucks

Title (de)

Automatische Kupplungsklemme für Schieber

Title (fr)

Dispositif de serrage automatique pour l'accouplement de curseurs

Publication

EP 1600589 A2 20051130 (EN)

Application

EP 05007154 A 20050401

Priority

IT MI20040239 U 20040524

Abstract (en)

An automatic clutch clamp (10) for sliding trucks (12) provided with a pin (18) with a mushroom-shaped end (20) in their lower part, which is particularly suitable for furniture doors or doors, comprising a small support frame (22) fastened and/or at least partly integrated into the upper and/or lower edge of said furniture doors or doors and meant to constrain the pin (18) with a mushroom-shaped end (20) of said sliding trucks (12) to which one or more wheels (16) or sliding blocks carried by a shaped support (14) are associated. The substantially rectangular-based small frame (22) is partly delimited by an external curb (24) and it comprises a transversal extension defining a parallel plane at its base being spaced from it, upon which a shaped notch (30) forming a shoulder or abutment for said pin (18) of the trucks (12) is obtained. The same small frame (22) is provided with travelling stabilizing means (32) of the pin (18).

IPC 1-7

E05D 15/06

IPC 8 full level

E05D 15/06 (2006.01)

CPC (source: EP)

E05D 15/063 (2013.01); **E05Y 2201/64** (2013.01); **E05Y 2600/52** (2013.01); **E05Y 2600/528** (2013.01); **E05Y 2900/20** (2013.01)

Citation (applicant)

- US 6209171 B1 20010403 - PELLETIER THOMAS [US], et al
- US 3479682 A 19691125 - MCNINCH DELMAR D
- DE 20306238 U1 20030612 - HESPE & WOELM GMBH & CO KG [DE]

Cited by

EP1918494A3; CN108150041A; EP2390447A3; ITMI20102008A1; EP2894285A1

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EP 1600589 A2 20051130; **EP 1600589 A3 20080813**; **EP 1600589 B1 20090826**; AT E441016 T1 20090915; DE 05007154 T1 20061012; DE 602005016184 D1 20091008; ES 2259275 T1 20061001; IT MI20040239 U1 20040824

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