

Title (en)

SHOCK-ABSORBING SELF-CLOSING DEVICE FOR MOVING PARTS OF FURNITURE

Title (de)

STOSSDÄMPFENDE SELBSTSCHLIESSENDE VORRICHTUNG FÜR BEWEGLICHE MÖBELTEILE

Title (fr)

DISPOSITIF DE FERMETURE AUTOMATIQUE D'ABSORPTION DE CHOCS DESTINE A DES PIECES MOBILES DE MEUBLES

Publication

EP 3095351 B1 20171122 (EN)

Application

EP 16170386 A 20160519

Priority

ES 201530719 A 20150522

Abstract (en)

[origin: EP3095351A1] Shock-absorbing self-closing device for moving parts of furniture, of the type having a trolley with guided displacement with an activating trigger locking its displacement in the armed position, in which the impulse spring is tensioned and, when activated, generates the self-closing energy with a speed controlled by the existence of a shock absorber, wherein the activating trolley (3) is connected to the end of the spring unit (7) by a transmitter wire (10) configured as a loop of a pulley block (11) between respective fixed pulleys (4a) and movable pulleys (4b) linked to the active end of the spring unit (7), producing proportionality between the active travel (15a) of the activating trigger (2) and the elongation travel (15b) of the spring unit (7).

IPC 8 full level

A47B 88/467 (2017.01)

CPC (source: EP ES)

A47B 88/467 (2016.12 - EP ES); **E05F 1/16** (2013.01 - EP); **E05F 5/003** (2013.01 - EP); **E05F 5/027** (2013.01 - EP); **E05F 5/02** (2013.01 - EP); **E05Y 2201/654** (2013.01 - EP); **E05Y 2800/24** (2013.01 - EP); **E05Y 2900/20** (2013.01 - EP)

Cited by

JP2014201976A; CN108643740A; CN107826649A; JP2019183448A

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DOCDB simple family (publication)

EP 3095351 A1 20161123; **EP 3095351 B1 20171122**; ES 2590809 A1 20161123; ES 2590809 B1 20170407; ES 2654837 T3 20180215

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