

Title (en)

SELF CLOSING APPARATUS MOUNTED TO A SLIDE

Title (de)

SELBSTSCHLIESSVORRICHTUNG AUF EINE SCHIENE BEFESTIGT

Title (fr)

DISPOSITIF DE FERMETURE AUTOMATIQUE MONTE SUR UNE GLISSIERE

Publication

**EP 1809143 A1 20070725 (EN)**

Application

**EP 04808618 A 20041229**

Priority

- KR 2004003489 W 20041229
- KR 20040080602 A 20041008
- KR 20040080628 A 20041008
- KR 20040036684 U 20041224

Abstract (en)

[origin: US2007001562A1] Disclosed is a self-closing apparatus for a slide, which automatically moves a drawer to a completely closed position by tensile force of springs when the user moves the drawer toward the closed position. The self-closing apparatus includes a pair of springs, a moving pin, a moving pin guide, a plate-shaped movable member, and a fixed member. The moving pin includes a support pin portion, a support plate, and a guide protrusion. The moving pin guide includes a moving pin guide slot including a pin-receiving inlet portion and a pin engaging portion. The movable member includes a plate portion provided with a hole, a sliding rod formed integrally with the plate portion, and spring support portions. The fixed member includes a support base including spring support portions, an extension bar including movable member sliding portions and a moving pin guide portion, and a head.

IPC 8 full level

**A47B 88/04** (2006.01)

CPC (source: EP US)

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