

Title (en)

Opening/Closing device of a moving part in relation to a furniture frame and used with movable drawer cabinets

Title (de)

Öffnungs-/Schliessvorrichtung eines bewegenden Teiles in Bezug auf ein Möbelgehäuse und Anwendung bei bewegbaren Schubladenschränken

Title (fr)

Dispositif d'ouverture-fermeture d'un élément mobile par rapport au bâti d'un meuble, et son application aux meubles déplaçables à tiroirs

Publication

**EP 0766939 A2 19970409 (FR)**

Application

**EP 96402105 A 19961002**

Priority

FR 9511611 A 19951003

Abstract (en)

The mechanism comprises a rectangular C-shaped catch (3) pivoted to the back (9) of a moving component (1), e.g. a sliding drawer in a piece of furniture, which can be moved on castors. A moulded plastics bracket with a cam (6) is fastened to the back panel (12) of the piece of furniture. The cam has upper and lower sloping surfaces (16,18) and a rear surface (17) with a recess to hold the catch. The catch has a spring strip (5) which presses against its upper and lower surfaces and tends to hold it in a neutral position. The back panel has a spring (7) which pushes the drawer open when the catch is released. When the drawer is closed the catch rides up the upper sloping surface (16) of the cam and engages with the recess in its rear surface, holding the drawer securely in place while the piece of furniture is used. A second pressure on the front of the drawer causes the catch to disengage from the cam and slide along its lower surface (18), allowing the drawer to open.

Abstract (fr)

L'élément mobile (1) porte un loquet oscillant (3), tandis que le bâti (2) porte une came (6) qui comprend un bloc de verrouillage (14) et un bloc de déverrouillage (15), ainsi qu'un ressort d'ouverture (7). Une première poussée de l'élément mobile (1) provoque la montée du loquet sur la rampe (16), et son guidage par la surface (19) jusque dans l'évidement de verrouillage (17). Une seconde poussée amène le loquet (3) à coopérer avec la rampe de déverrouillage (20), puis, sous l'effet du ressort d'ouverture (7), à être guidé le long de la rampe inférieure (18). Application aux meubles à tiroirs déplaçables sur roulettes. <IMAGE>

IPC 1-7

**A47B 88/04**

IPC 8 full level

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CPC (source: EP)

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Cited by

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