

Title (en)
Damper for wardrobe doors

Title (de)
Dämpfvorrichtung für Kleiderschränktüren

Title (fr)
Amortisseur pour portes d'armoire

Publication
EP 1953319 A1 20080806 (EN)

Application
EP 08100791 A 20080123

Priority
IT VE20070007 A 20070202

Abstract (en)
A braked closure device for wardrobe doors, characterised by comprising: - a body (2) to be fixed to the door (42) of the wardrobe (44), said door being provided with means (46) for its sliding along rails (48) rigid with the wardrobe, - a slider (8) slidable within said body (2) and secured to the end of an elastic means (38) having its other end rigid with the body, - a braking device (10) rigid with the slider and provided with a pinion (12) cooperating with a rack (20) rigid with the body, said pinion interfering resistively with the rack during door closure and passively during door opening, - means (50) rigid with the wardrobe and interfering with said slider (8) during door opening such as to lock the slider relative to the wardrobe and enable the body (2) to move relative to said slider, to hence load the elastic means (38), - means (26, 30, 32) for maintaining a stable position of the slider (8), urged by the elastic means (38), relative to the body, and to disengage the locking means (50) to enable the body to travel freely during subsequent opening of the door, said maintenance and disengagement means (26, 30, 32) interfering with said locking means (50) during subsequent door closure, to enable the body (2) to slide relative to the slider (8), pulled by the elastic reaction of said elastic means (38), said sliding being braked by interference of the pinion (12) with the rack (20).

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Citation (search report)
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