

Title (en)  
Shutter device.

Title (de)  
Rolltorvorrichtung.

Title (fr)  
Dispositif à volet.

Publication  
**EP 0272733 A1 19880629 (FR)**

Application  
**EP 87202403 A 19871203**

Priority  
BE 217588 A 19861223

Abstract (en)  
[origin: US4884617A] A device having a shutter windable around a spindle and especially adapted to close a bay or other opening by the unwinding of the shutter, the same having flexible side edges which project beyond the shutter plane and which are retained with reduced friction in substantially continuous guideways during the unwinding and winding up of the shutter, that shutter edges may disengage from their guideways when subjected to a predetermined pull transversely to guideway. Each guideway has near and upstream of the shutter spindle an access passage through which the projecting edge of any shutter which has disengaged from the guideway can re-engage, as the shutter winds around its spindle, in that part of the particular guideway concerned which is disposed beyond the passage.

Abstract (fr)  
Dispositif à volet (1) pouvant s'enrouler autour d'un axe d'enroulement (2) et destiné notamment à la fermeture d'une baie (3) ou autre ouverture par le déroulement du volet, ce dernier présentant des bords latéraux flexibles (4) saillant par rapport au plan du volet (1), ces bords étant maintenus à frottement léger dans des chemins de guidage (5) sensiblement continus lors du déroulement et de l'enroulement du volet (1), des moyens étant prévus, pour permettre aux bords (4) de se dégager de leurs chemins de guidage (5) dès qu'une certaine force de traction transversale à la direction longitudinale des chemins de guidage (5) est exercée sur ces bords (4), chacun de ces chemins de guidage (5) présentant à proximité et en amont de l'axe d'enroulement (2) du volet (1) un passage d'accès (20) par lequel le bord saillant correspondant (4) du volet (1), qui se serait dégagé, peut à nouveau s'engager dans la portion (21) du chemin de guidage considéré (5) située au-delà de ce passage d'accès, lors de l'enroulement du volet (1) autour de l'axe d'enroulement précité (2).

IPC 1-7  
**E06B 9/20**; **E06B 9/209**

IPC 8 full level  
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CPC (source: EP KR US)  
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Citation (search report)  
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**EP 87202403 A 19871203**; AT 87202403 T 19871203; AU 8221987 A 19871208; BE 217588 A 19861223; CA 554091 A 19871211; CN 87108156 A 19871219; DE 3763217 T 19871203; DK 666287 A 19871217; ES 87202403 T 19871203; FI 875498 A 19871215; GR 900400622 T 19900906; IE 330587 A 19871204; IL 8477487 A 19871210; JP 31917787 A 19871218; KR 870014545 A 19871219; NO 875331 A 19871218; US 13508987 A 19871218; ZA 879341 A 19871211