

Title (en)

Fall protection device for vertically retractable closures with a shutter mounted on a fixed tube

Title (de)

Absturzsicherung für vertikal einziehbare Verschlusseinrichtungen mit einem auf einem festen Rohr montierten Rolladen

Title (fr)

Dispositif de sécurité antichute pour fermeture à effacement vertical dotée d'un tablier monté autour d'un tube fixe

Publication

EP 0894936 B1 20030312 (FR)

Application

EP 98390012 A 19980727

Priority

FR 9709756 A 19970729

Abstract (en)

[origin: EP0894936A1] The anti-drop mechanism for a roller shutter door mounted on a horizontal shaft (1) comprises a fixed flange on the shaft and an adjacent rotary flange fixed to the shutter so that it rotates relative to the fixed flange as the shutter moves. The rotary flange has a number of centrifugal locking elements (25,26,27) in the form of spring-loaded and pivoted levers with end claws (25a) which engage with apertures (16,17) in a rim (12) on the fixed flange surrounding the levers when the normal operating speed of the shutter is exceeded.

IPC 1-7

E06B 9/84

IPC 8 full level

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CPC (source: EP US)

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Cited by

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DOCDB simple family (publication)

EP 0894936 A1 19990203; EP 0894936 B1 20030312; AT E234414 T1 20030315; DE 69812008 D1 20030417; DE 69812008 T2 20040115; ES 2194280 T3 20031116; FR 2766868 A1 19990205; FR 2766868 B1 19990924; PT 894936 E 20030630; US 5971055 A 19991026

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