

Title (en)
Catching device for rollable closing devices

Title (de)
Fangvorrichtung für rollbare Verschlussvorrichtungen

Title (fr)
Dispositif de retenue pour fermeture à enroulement

Publication
EP 0922832 B1 20040317 (FR)

Application
EP 98402388 A 19980928

Priority
FR 9715829 A 19971209

Abstract (en)
[origin: EP0922832A1] The retaining mechanism for a roller shutter with metal slats, is able to roll onto one or more reels (6) turning on a fixed shaft (7) with the aid of spiral compensating springs (12) equipped with retaining members designed to stop the shutter dropping in the event of compensating spring failure. The outer end (17) of each compensating spring is connected to a locking member (20) which moves on the corresponding reel. Each locking member is able to move in the direction of a static component (30) fixed to the shaft (7) and engage with one of its teeth (35). The locking member is held at a distance from the static component by the compensating spring and moves in a direction which is substantially tangential to the reel's axis of rotation.

IPC 1-7
E06B 9/84; **E06B 9/60**

IPC 8 full level
E06B 9/60 (2006.01); **E06B 9/84** (2006.01)

CPC (source: EP)
E06B 9/60 (2013.01); **E06B 9/84** (2013.01)

Cited by
FR2871841A1; EP1609940A1; EP1816294A1; FR2897096A1

Designated contracting state (EPC)
AT BE DE DK ES FR GB IT NL PT

DOCDB simple family (publication)
EP 0922832 A1 19990616; **EP 0922832 B1 20040317**; AT E262109 T1 20040415; DE 69822414 D1 20040422; DE 69822414 T2 20050623; DK 0922832 T3 20040726; ES 2218786 T3 20041116; FR 2772070 A1 19990611; FR 2772070 B1 20000107; PT 922832 E 20040730

DOCDB simple family (application)
EP 98402388 A 19980928; AT 98402388 T 19980928; DE 69822414 T 19980928; DK 98402388 T 19980928; ES 98402388 T 19980928; FR 9715829 A 19971209; PT 98402388 T 19980928