

Title (en)
Fall arrest device for rollable closure

Title (de)
Fallschutzvorrichtung für einen aufrollbaren Verschluss

Title (fr)
Dispositif anti-chute pour fermeture à enroulement

Publication
EP 1270866 B1 20080305 (FR)

Application
EP 02291394 A 20020606

Priority
FR 0108711 A 20010628

Abstract (en)
[origin: EP1270866A1] The shutter is wound around a reel (2) which rotates on a fixed shaft (3) and is connected to it by a compensation spring (4) between two sides (5,6) of the reel. The spring internal end (4a) is fixed to the shaft whilst its outer end (4b) is fixed to a locking element (7) movable on the reel. In the event of spring failure the locking element engages a static part (9) integral with the fixed shaft. The locking element is composed of a finger interposed between the two reel edges and is externally connected to a pressure spring (10). The internal part (7b) is connected to the outer end of the compression spring. The finger is able to displace axially along a parallel axis (X,X') to that (Y,Y') of the shaft between unlocking and locking positions.

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
WO2014203287A1; ITBO20130065A1; ITBO20120419A1; EP1591617A1; IT201800009646A1; EP1475500A1; EP1978202A1; ITUA20164191A1; ITTV20130099A1; IT201600130739A1; WO2014125414A1; WO2007043069A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
EP 1270866 A1 20030102; EP 1270866 B1 20080305; AT E388298 T1 20080315; DE 60225377 D1 20080417; DE 60225377 T2 20090312; ES 2302789 T3 20080801; FR 2826688 A1 20030103; FR 2826688 B1 20040123; PT 1270866 E 20080408

DOCDB simple family (application)
EP 02291394 A 20020606; AT 02291394 T 20020606; DE 60225377 T 20020606; ES 02291394 T 20020606; FR 0108711 A 20010628; PT 02291394 T 20020606