

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

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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

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