

Title (en)

Anti-fall safety device for rolling shutters with torsion springs

Title (de)

Sicherheitsvorrichtung gegen Absturz für Rollläden mit Torionsfedern

Title (fr)

Dispositif de sécurité anti-chute pour volets roulants avec ressorts de torsion

Publication

EP 1760251 A3 20120725 (EN)

Application

EP 06425616 A 20060904

Priority

IT MC20050089 A 20050906

Abstract (en)

[origin: EP1760251A2] The present invention refers to an anti-fall safety device for rolling shutters with torsion rings, of the type commonly used to close garages and shops. The device of the invention comprises two main elements (A and B), with a torsion spring (M) placed and attached between them; the failure of the spring (M) actuates a retention pawl (8) that interferes with the free rotation of a rotating drum (5) joined to the top slate of the rolling shutter.

IPC 8 full level

E06B 9/84 (2006.01); **E06B 9/60** (2006.01)

CPC (source: EP)

E05D 13/1269 (2013.01); **E06B 9/84** (2013.01); **E05Y 2900/00** (2013.01); **E05Y 2900/106** (2013.01); **E06B 9/60** (2013.01)

Citation (search report)

- [IA] EP 0151427 A2 19850814 - HOERMANN KG [DE]
- [IA] EP 1213428 A1 20020612 - FLEXI FORCE B V [NL]
- [IA] DE 9310792 U1 19940519 - HOERMANN KG [DE]

Cited by

EP3798406A1; IT201900017567A1; US11767696B2; WO2019025522A1; WO2010034156A1

Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

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