

Title (en)  
IMPROVED GEARED MOTOR FOR ROLLING SHUTTERS

Title (de)  
VERBESSERTE GETRIEBEMOTOR FÜR ROLLLÄDEN

Title (fr)  
MOTEUR À ENGRENAGES AMÉLIORÉ POUR VOLETS ROULANTS

Publication  
**EP 3561216 A1 20191030 (EN)**

Application  
**EP 19168793 A 20190411**

Priority  
IT 201800004927 A 20180427

Abstract (en)  
A geared motor (100) for rolling shutters, comprises: an electrical motor (1) provided with a drive shaft (1a) that slides axially; a reducer (2) coupled to the drive shaft (1a) and to the winding shaft of a rolling shutter, uncoupling means (7) of the electrical motor (1) from the reducer (2); a non-return device (D) connected to the drive shaft (1a) to make the transmission of motion from the electrical motor (1) to the reducer irreversible, an emergency device (E) to uncouple the drive shaft (1a) from the reducer (2) when the uncoupling means (7) are operated; the emergency device (E) comprises: a toothed cover (4) slidably integral with the drive shaft (1a) and rotationally integral with the non-return device (D) and with the reducer (2); and a helical compression spring (5) to push the toothed cover (4) in engagement with the reducer (2).

IPC 8 full level  
**E06B 9/74** (2006.01)

CPC (source: EP)  
**E06B 9/74** (2013.01); **E06B 2009/725** (2013.01)

Citation (search report)

- [A] EP 0848137 A1 19980617 - GAPOSA SRL [IT]
- [A] US 5975185 A 19991102 - MILLER JAMES V [US], et al
- [A] EP 0751278 A1 19970102 - BUBENDORFF SA [FR]

Cited by  
US11905758B2

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 3561216 A1 20191030; EP 3561216 B1 20201125**; ES 2859632 T3 20211004; IT 201800004927 A1 20191027

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