Title (en)

Motorized roller shutter

Title (de)

Motorisierter Rolladen

Title (fr)

Volet roulant motorisé

Publication

EP 0751278 B1 20000105 (FR)

Application

EP 96440048 A 19960613

Priority

- FR 9507967 A 19950628
- FR 9600639 A 19960117

Abstract (en)

[origin: EP0751278A1] The motorised roller shutter comprises a braked motor reducer (5) rotating a shutter winding tube (2) held at its ends (6,8) by support webs (3,4). A declutching coupling (11) is interposed between the motor reducer output shaft (10) and the winding tube. This enables, in the de-clutched position, the free rotation of the tube relative to the reducer under the influence of a force exerted directly on the shutter. A return spring (12), constrained during unwinding of the shutter, exerts a return couple on the winding tube. This causes tube rotation in the direction of shutter winding when a push is exerted on the shutter to open it. The winding tube is rotated by the reducer.

IPC 1-7 (main, further and additional classification)

E06B 9/74

IPC 8 full level (invention and additional information)

E06B 9/62 (2006.01); **E06B 9/72** (2006.01); **E06B 9/74** (2006.01)

CPC (invention and additional information)

E06B 9/62 (2013.01); **E06B 9/72** (2013.01); **E06B 9/74** (2013.01)

Cited by

FR2977627A1; EP0911479A3; EP2525040A1; EP2628888A1; FR2987067A1; FR2987090A1; EP0940552A3; EP2017429A3; US2015300087A1; US9452663B2; US9057408B2; WO2013007642A1; WO0008291A1; WO2012002872A1; US6244325B1; US8863604B2; US8904683B2

Designated contracting state (EPC)

AT BE CH DE ES IT LI NL

DOCDB simple family

EP 0751278 A1 19970102; EP 0751278 B1 20000105; AT 188533 T 20000115; DE 69605983 D1 20000210; DE 69605983 T2 20000817; ES 2142563 T3 20000416; FR 2736087 A1 19970103; FR 2736087 B1 19980109