

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
E06B 9/74

IPC 8 full level
E06B 9/62 (2006.01); **E06B 9/72** (2006.01); **E06B 9/74** (2006.01)

CPC (source: EP)
E06B 9/62 (2013.01); **E06B 9/72** (2013.01); **E06B 9/74** (2013.01)

Cited by
FR2977627A1; EP2017429A3; EP2525040A1; EP0940552A3; EP0911479A3; US2015300087A1; US9452663B2; US9057408B2; EP2628888A1; FR2987067A1; FR2987090A1; CN107829669A; EP3561216A1; IT201800004927A1; WO2013007642A1; WO0008291A1; US8904683B2; WO2019162380A1; WO2012002872A1; US6244325B1; US8863604B2

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