

Title (en)
Roller door

Title (de)
Rolltor

Title (fr)
Porte enroulable

Publication
EP 0756064 B1 20000906 (DE)

Application
EP 96109995 A 19960620

Priority
DE 29511507 U 19950717

Abstract (en)
[origin: EP0756064A1] The roller shutter is wound on a reel held between support arms (5) fitted to the wall by mounting plates (6). The mounting plates have additional fittings to secure spring holders each side of the shutter. Each spring holder has a shaped spring with one arm (19) interacting with a roller (20) fitted to the last shutter element. The reel is held in the optimum position, to feed the shutter elements into the side guides (1) by having the support arms angled at 46 deg. from the wall. The reel is clamped to the support arms by U-brackets. The spring catches have spiral sections and with clamping ends shaped to lock into the supports.

IPC 1-7
E06B 9/82

IPC 8 full level
E06B 9/174 (2006.01); **E06B 9/82** (2006.01); **E06B 9/88** (2006.01)

CPC (source: EP)
E06B 9/174 (2013.01); **E06B 9/88** (2013.01)

Cited by
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Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IE IT LI NL PT SE

DOCDB simple family (publication)
EP 0756064 A1 19970129; EP 0756064 B1 20000906; AT E196183 T1 20000915; DE 29511507 U1 19961114; DE 59605844 D1 20001012; DK 0756064 T3 20001113; ES 2149406 T3 20001101; GR 3034436 T3 20001229; PT 756064 E 20001229

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