

Title (en)
ROLLER SHUTTER

Title (de)
ROLLADEN

Title (fr)
VOLET ROULANT

Publication
EP 1588010 B1 20060823 (DE)

Application
EP 04701009 A 20040109

Priority
• EP 2004000103 W 20040109
• DE 20301348 U 20030129

Abstract (en)
[origin: WO2004067892A1] The invention relates to a roller shutter comprising a shutter surface (20), which is composed of slat elements (22, 22', 22'') that are interconnected in an articulated manner. Said shutter comprises a shaft (30), to which the shutter surface (20) is fastened so that it can be rolled up or down and a motor (40), which is situated in a hollow end (32) of the shaft (30) in order to provide the rotary drive for the shaft (30). According to the invention, a tappet pin (12) is also provided on the hollow end (32) of the shaft (30), said pin extending axially inwards from the hollow end (32), at a distance from the shaft (30) and being rotationally fixed to said shaft (30). The first slat element (22) of the shutter surface (20) is fixed to the tappet pin in the vicinity of the hollow end (32) of the shaft (30).

IPC 8 full level
E06B 9/17 (2006.01); **E06B 9/68** (2006.01)

CPC (source: EP)
E06B 9/17 (2013.01); **E06B 9/68** (2013.01)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2004067892 A1 20040812; AT E337462 T1 20060915; DE 20301348 U1 20030320; DE 502004001263 D1 20061005;
EP 1588010 A1 20051026; EP 1588010 B1 20060823

DOCDB simple family (application)
EP 2004000103 W 20040109; AT 04701009 T 20040109; DE 20301348 U 20030129; DE 502004001263 T 20040109; EP 04701009 A 20040109