

Title (en)

Belt winder, shutter or blind actuation mechanism comprising such a winder and method of its manufacture

Title (de)

Gurtaufroller, Rolladen- oder Storebetätigungsmechanismus mit einem solchen Aufroller und Verfahren zur Herstellung eines solchen Aufrollers

Title (fr)

Enrouleur de sangle, mécanisme de manoeuvre d'un volet ou store roulant comprenant un tel enrouleur et procédé de fabrication d'un tel enrouleur

Publication

EP 1059415 B1 20031008 (FR)

Application

EP 00420118 A 20000607

Priority

FR 9907509 A 19990609

Abstract (en)

[origin: EP1059415A1] The winder for the strap (2) of a shutter includes a strap winding and tensioning part (3) located inside a casing formed from two shells (4, 8). Each shell comprises an edge frame (44, 84) extending in a direction perpendicular to a principal shell web (41, 81). These edge frames are mutually engaged by a relative translation in a direction parallel to the respective webs so that the edge of the first shell is surrounded by that of the second shell. The external surface (44 a) of the first edge has reliefs (44 b) which engage corresponding reliefs (84 b) in the internal surface of the second edge.

IPC 1-7

E06B 9/78

IPC 8 full level

E06B 9/78 (2006.01)

CPC (source: EP US)

E06B 9/78 (2013.01 - EP US); **E06B 2009/785** (2013.01 - EP US)

Cited by

EP3290629A1; FR3055324A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1059415 A1 20001213; EP 1059415 B1 20031008; AT E251708 T1 20031015; AU 3937600 A 20001214; DE 60005744 D1 20031113; FR 2794794 A1 20001215; FR 2794794 B1 20010914; HU 0002222 D0 20000828; HU P0002222 A2 20010428; HU P0002222 A3 20010628; PL 340569 A1 20001218; US 6398146 B1 20020604

DOCDB simple family (application)

EP 00420118 A 20000607; AT 00420118 T 20000607; AU 3937600 A 20000608; DE 60005744 T 20000607; FR 9907509 A 19990609; HU P0002222 A 20000608; PL 34056900 A 20000605; US 58870000 A 20000607