

Title (en)
WINDING DEVICE FOR ROLLER BLINDS

Title (de)
WICKELVORRICHTUNG FÜR ROLLOS

Title (fr)
DISPOSITIF D'ENROULEMENT DESTINÉ À DES STORES

Publication
EP 3573503 B1 20211215 (DE)

Application
EP 18742908 A 20180628

Priority
• DE 102017114406 A 20170628
• DE 2018100596 W 20180628

Abstract (en)
[origin: WO2019001643A1] The invention relates to a winding device for roller blinds (1), with a winding reel (3) which carries a wind-up and wind-down curtain (2) and which is arranged between a left-hand winding reel mount (4) and a right-hand winding reel mount (5) so as to be secure against twisting on these winding reel mounts (4, 5), wherein a drive means (8) is arranged on one of the winding reel mounts (5) in a manner secure against twisting and can be driven by means of an actuator (9), such that the winding reel (3) is set in rotation by means of the actuator (9), and the curtain (2) can be rolled up and down on the winding reel (3). The invention is characterized in that, between the winding reel mounts (4, 5) and wall mounts, movement devices (10, 11) are arranged on or at intermediate elements (6, 7) and receive the winding reel and, by means of the actuator (9), move the winding reel (3), together with the winding reel mounts (4, 5) and curtain (2), from a rotation position to a working or holding position and back again, wherein the winding reel mounts (4, 5) are held rotatably in the movement devices (10, 11).

IPC 8 full level
A47H 1/13 (2006.01); **E06B 9/42** (2006.01); **E06B 9/50** (2006.01)

CPC (source: EP KR US)
A47H 1/13 (2013.01 - EP KR US); **E06B 9/42** (2013.01 - EP KR); **E06B 9/44** (2013.01 - US); **E06B 9/50** (2013.01 - EP KR); **E06B 9/68** (2013.01 - EP KR US); **E06B 9/78** (2013.01 - EP KR); **E06B 9/82** (2013.01 - EP KR); **E06B 9/326** (2013.01 - EP); **E06B 2009/425** (2013.01 - US)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
DE 102017114406 B3 20180419; AU 2018291737 A1 20200130; BR 112019027891 A2 20200707; CN 110809420 A 20200218; CO 2019014922 A2 20200117; EP 3573503 A1 20191204; EP 3573503 B1 20211215; JP 2020525673 A 20200827; KR 20200022472 A 20200303; MX 2019015926 A 20201019; RU 2019145016 A 20210728; US 2020123849 A1 20200423; WO 2019001643 A1 20190103

DOCDB simple family (application)
DE 102017114406 A 20170628; AU 2018291737 A 20180628; BR 112019027891 A 20180628; CN 201880043365 A 20180628; CO 2019014922 A 20191227; DE 2018100596 W 20180628; EP 18742908 A 20180628; JP 2019571638 A 20180628; KR 20207002515 A 20180628; MX 2019015926 A 20180628; RU 2019145016 A 20180628; US 201916722314 A 20191220