

Title (en)

FAST POSITIONING STRUCTURE OF SAFE POSITION LIMITING DEVICE OF ROLLER BLIND

Title (de)

SCHNELLPOSITIONIERUNGSSTRUKTUR FÜR VORRICHTUNG ZUR BEGRENZUNG EINER SICHEREN POSITION EINES ROLLADENS

Title (fr)

STRUCTURE DE POSITIONNEMENT RAPIDE D'UN DISPOSITIF DE LIMITATION DE POSITION DE SÉCURITÉ DE VOLET ROULANT

Publication

EP 3584401 B1 20220914 (EN)

Application

EP 18178371 A 20180618

Priority

EP 18178371 A 20180618

Abstract (en)

[origin: EP3584401A1] A fast positioning structure of a safe position limiting device of a roller blind is disclosed herein. It mainly comprises a controller (1) having an axle rod (11), an axial rail limiting assembly (2) assembled to the axle rod (11) and having a screw member (21), an elastic member (22) in the screw member (21), and an inner tube (23) with which a first tooth part (231) is provided, a touch member (3) for limiting the inner tube (23) in the screw member (21), a positioning member (4) and a position limiting member (5) disposed at an external of the screw member (21), and an outer sleeve tube (6) disposed at an external of the screw member (21) and having a seal cap (61) with which a second tooth part (611) is provided at one end thereof for corresponding to the first tooth part (231) of the inner tube (23).

IPC 8 full level

E06B 9/80 (2006.01); **E06B 9/32** (2006.01); **E06B 9/322** (2006.01); **E06B 9/42** (2006.01); **E06B 9/68** (2006.01); **E06B 9/88** (2006.01)

CPC (source: EP)

E06B 9/32 (2013.01); **E06B 9/322** (2013.01); **E06B 9/42** (2013.01); **E06B 9/80** (2013.01); **E06B 9/88** (2013.01); **E06B 2009/6881** (2013.01)

Cited by

US2022408959A1

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)

EP 3584401 A1 20191225; **EP 3584401 B1 20220914**; PL 3584401 T3 20230206

DOCDB simple family (application)

EP 18178371 A 20180618; PL 18178371 T 20180618