

Title (en)
Roll-up device for venetian blinds

Title (de)
Aufrollvorrichtung für Jalousien

Title (fr)
Dispositif d'enroulement motorisé pour stores vénitiens

Publication
EP 0750092 A1 19961227 (FR)

Application
EP 96810355 A 19960603

Priority
FR 9507406 A 19950621

Abstract (en)
The cord winding system for a Venetian blind comprises an electric motor (2) and a reducer housed in a casing (1). The reducer output shafts (3,4) drive two winding drums (12,14) on which the cords (13,15) are wound. A stop for when the blind is unwound by a desired amount is constituted by a screw (6) mounted coaxially and rotating with the output shaft in a cylindrical cage (9). A floating nut (7) on the screw is prevented from rotating in the cage. Motor stoppage for the completely unwound position of the blind is ensured by the blind abutting against the casing. Stopping of the blind is caused by the abutment of the nut against a stop fixed to the cage. Adjustment of the bottom stopping point is made by unlocking the cage and its rotational drive. Rotational locking of the cage in the casing is constituted by a transverse gear screw (17) meshing with a cage helicoidal tooth (16).

IPC 1-7
E06B 9/322; **E06B 9/88**; **E06B 9/308**

IPC 8 full level
E06B 9/264 (2006.01); **E06B 9/308** (2006.01); **E06B 9/322** (2006.01); **E06B 9/56** (2006.01); **E06B 9/82** (2006.01); **E06B 9/88** (2006.01); **G05D 3/12** (2006.01); **E06B 9/80** (2006.01)

CPC (source: EP US)
E06B 9/308 (2013.01 - EP US); **E06B 9/322** (2013.01 - EP US); **E06B 9/88** (2013.01 - EP US); **E06B 2009/6854** (2013.01 - EP US); **E06B 2009/6881** (2013.01 - EP US); **Y10S 160/17** (2013.01 - EP)

Citation (search report)
• [A] EP 0381643 A1 19900808 - AMBIENT ENERGY DESIGN [SE]
• [A] US 3049175 A 19620814 - ISAMU FUKUOKA
• [A] DE 900423 C 19531228 - ROLLADENFABRIK A GRIESSER A G

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CN101936124A; AU732914B3

Designated contracting state (EPC)
BE CH DE ES GB IT LI NL

DOCDB simple family (publication)
EP 0750092 A1 19961227; **EP 0750092 B1 20000927**; DE 69610463 D1 20001102; DE 69610463 T2 20010510; ES 2104539 T1 19971016; FR 2735812 A1 19961227; FR 2735812 B1 19970822; JP 3481776 B2 20031222; JP H0925776 A 19970128; US 5699847 A 19971223

DOCDB simple family (application)
EP 96810355 A 19960603; DE 69610463 T 19960603; ES 96810355 T 19960603; FR 9507406 A 19950621; JP 16014096 A 19960620; US 66245596 A 19960613