

Title (en)

Electrical connection unit for motorised systems of shades, roll-up blinds and rolling shutters in general

Title (de)

Elektrische Verbindungseinrichtung für motorisierte Systeme von Vorhängen, Rollos und Rollläden im Allgemeinen

Title (fr)

Unité de connexion électrique pour les systèmes motorisés des stores, stores enroulables et volets roulants

Publication

EP 1443172 A2 20040804 (EN)

Application

EP 04425027 A 20040119

Priority

IT AN20030006 U 20030131

Abstract (en)

The invention refers to an electrical connection unit for motorised systems of shades, roll-up blinds and rolling shutters in general, of the type comprising a geared motor associated with an end-of-travel assembly (9), both housed inside a metal cylindrical case (4) inserted in the take-up roll of a shade or roll-up blind, characterised in that a section (10b) of the cylindrical support of the end-of-travel assembly (9), which is completely made of metal, interferes with the internal walls of the case (4) in order to create earth continuity for the connector (14) that provides electrical power supply to the geared motor, when the connector (14) is coupled to a socket housed in a suitable niche (12) located in the support of the end-of-travel assembly (9).

IPC 1-7

E06B 9/72; **H01R 13/00**

IPC 8 full level

E06B 9/72 (2006.01); **H01R 13/627** (2006.01)

CPC (source: EP)

E06B 9/72 (2013.01); **H01R 13/6275** (2013.01); **H01R 13/6273** (2013.01); **H01R 24/30** (2013.01); **H01R 2103/00** (2013.01)

Cited by

WO2016005497A1; JP2017531109A; FR2891415A1; FR3123677A1; EP4095345A1; IT202100014093A1; FR2891414A1; EP2248987A3; FR3023576A1; CN106471204A; EP2354430A2; WO2022253874A1; US10000968B2; BE1030499A1; BE1030497A1; US11870192B2

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)

EP 1443172 A2 20040804; **EP 1443172 A3 20070103**; **EP 1443172 B1 20080416**; AT E392531 T1 20080515; DE 602004013060 D1 20080529; DE 602004013060 T2 20090604; ES 2306974 T3 20081116; IT AN20030006 U1 20040801

DOCDB simple family (application)

EP 04425027 A 20040119; AT 04425027 T 20040119; DE 602004013060 T 20040119; ES 04425027 T 20040119; IT AN20030006 U 20030131