

Title (en)

Motor-reducing device for winding blinds and awnings and method of operation

Title (de)

Motorisierte Antriebsvorrichtung von beweglichen Einrichtungen wie Rollos od.dgl. und Methode zur Bedienung

Title (fr)

Dispositif d'entraînement pour volets roulant, jalousies ou autres semblables et méthode d'opération.

Publication

EP 1130211 B1 20040428 (EN)

Application

EP 01500031 A 20010201

Priority

ES 200000222 A 20000202

Abstract (en)

[origin: EP1130211A1] Consisting of an external tube (3) inside which an electric motor (14) is installed which acts through an electro-brake (13) and a planetary reducer (15) on a matrix ferrule (4) which is coupled to the inside of a polygonal drum (17) to which it transmits its movement, and in which the winding up/down of a blind or awning (18) takes place, its position being controlled by a linear potentiometer (16) joined to a prisoner nut (10) that can travel longitudinally in both directions with respect to a threaded rod (19) that is solidary with a toothed wheel (7) that is geared by the inside of a control ferrule (2) which received the movement from the polygonal drum (17) to the inside of which it is coupled. A printed circuit (11) memorises the extreme raising/lowering positions of the first operations carried out after having activated a restoration microswitch (5). <IMAGE>

IPC 1-7

E06B 9/322; E06B 9/88

IPC 8 full level

E06B 9/322 (2006.01); **E06B 9/88** (2006.01); E06B 9/80 (2006.01)

CPC (source: EP)

E06B 9/322 (2013.01); **E06B 9/88** (2013.01); E06B 2009/6872 (2013.01); E06B 2009/6881 (2013.01)

Cited by

EP2161818A1; EP1564364A3; FR2935424A1; EP1564364A2; WO2004007891A1; WO2005044058A1; US10337243B2; US10808457B2; US11230885B2

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DE FR GR IT MC PT

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