

Title (en)

Control device for venetian blinds and curtains.

Title (de)

Kontrolleinrichtung für Jalousien und Vorhänge.

Title (fr)

Dispositif de contrôle pour stores vénitiens et rideaux.

Publication

EP 0482252 A1 19920429 (EN)

Application

EP 90311604 A 19901023

Priority

EP 90311604 A 19901023

Abstract (en)

An infrared remote control device for Venetian blinds and curtains comprises an inner housing (11) in which two decelerating motors (10, 10') are mounted. One of the decelerating motors (10') includes a long shaft (12') onto which a rope-drawing wheel (26) with a groove (42) is secured. The other motor (10) includes a long shaft (12) onto which a rope-drawing wheel (14) having a groove (22) and a ball chain wheel (18) are disposed. A pair of guide rollers (32) mounted between the decelerating motors (10, 10') are associated with a pair of elongate plates (34) on the lower side thereof. Two pairs of press rollers (36) are respectively located at the ends of the plates (34) with two springs (38) mounted across the upper and lower parts of the elongate plates (34) such that the press rollers (36) may be forced into the grooves of the rope-drawing wheels to press firmly against the rope-drawing wheels so as to provide a secure pressing against various thicknesses of rope. A circuit board (46) is disposed at the back of the inner housing (11) to handle the signals transmitted to the infrared receiver in order to control the rotary motion of the decelerating motors thereby remotely to operate the Venetian blind or curtain. <IMAGE>

IPC 1-7

E06B 9/32; **E06B 9/36**

IPC 8 full level

E06B 9/32 (2006.01); **E06B 9/36** (2006.01); **E06B 9/82** (2006.01)

CPC (source: EP)

E06B 9/32 (2013.01); **E06B 9/36** (2013.01); **E06B 2009/6836** (2013.01); **E06B 2009/6845** (2013.01)

Citation (search report)

- [A] US 4956588 A 19900911 - MING NIEN [TW]
- [A] US 4914360 A 19900403 - HSIEH CHI-SHENG [TW], et al
- [A] EP 0298217 A1 19890111 - RADEMACHER WILLI
- [A] FR 2541104 A1 19840824 - ANDRESY STE INDLE [FR]

Cited by

US8854798B1; EP0531079A1; US5467266A; US6598652B1; US9384657B2

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0482252 A1 19920429

DOCDB simple family (application)

EP 90311604 A 19901023