

Title (en)

A CONTROL MODULE HAVING A CLUTCH FOR RAISING AND LOWERING A WINDOW SHADE

Title (de)

STEUERMODUL MIT KUPPLUNG ZUM HEBEN UND SENKEN EINER FENSTERBLENDE

Title (fr)

MODULE DE COMMANDE POSSÉDANT UN EMBRAYAGE POUR RELEVER ET ABAISSER UN STORE DE FENÊTRE

Publication

EP 2609273 A4 20150128 (EN)

Application

EP 10856500 A 20100825

Priority

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Abstract (en)

[origin: WO2012026912A1] A control module may be used for raising and lowering a window shade. This configuration allows a user to pull the operating cord a predetermined distance to raise the window shade, then release the operating cord until it has retracted, and then pull the operating cord another predetermined distance to raise the window shade again. A brake mechanism is operably connected to a brake release and configured to lock or unlock the drive axle. A clutch is adapted to be mounted on the axle for selectively engaging the cord drum to the axle. The cord drum may rotate independent of the drive axle when a clutch is disengaged from the drive axle. As a result, movement of the operating cord will not cause the window shade to raise while the clutch is disengaged. When the clutch is engaged with the drive axle, the cord drum and adapter sleeve may rotate together to drive the rotation of the drive axle for raising the window shade.

IPC 8 full level

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CPC (source: EP KR)

E06B 9/32 (2013.01 - EP KR); **E06B 9/322** (2013.01 - EP); **E06B 9/324** (2013.01 - EP); **E06B 2009/2627** (2013.01 - EP)

Citation (search report)

- [Y] US 2007023151 A1 20070201 - JUDKINS REN [US]
- [Y] US 2008041540 A1 20080221 - LI XINIA [US]
- [Y] US 6142211 A 20001107 - JUDKINS REN [US]
- See references of WO 2012026912A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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