

Title (en)

Operating device for rotating a winding roller of a window blind

Title (de)

Antriebsvorrichtung zum Drehen einer Wickelrolle eines Rollvorhangs

Title (fr)

Dispositif d'entrainement pour enrouler un rouleau de store de fenêtre

Publication

**EP 2497892 A1 20120912 (EN)**

Application

**EP 11157684 A 20110310**

Priority

EP 11157684 A 20110310

Abstract (en)

An operating device for rotating a winding roller (14) of a window blind (1) , includes an upright rotating shaft (2) rotatable to cause rotation of the winding roller (14) and having thread segments (241,242), a sleeve shell (31) surrounding the rotating shaft (2), upper and lower coupling members (34, 37) anchored on the sleeve shell (31) and each having grip ends (344, 374) and cammed surfaces (345, 375) confronting the thread segments (241,242) and the sleeve shell (31), and an actuating member (32) having a camming surfaces (326, 327) disposed to be moved upward or downward to make an upper or lower friction engagements between the upper coupling member (34) and rotating shaft (2), and between the lower coupling member (37) and the rotating shaft (2) for rotating the rotating shaft (2).

IPC 8 full level

**E06B 9/42** (2006.01); **E06B 9/78** (2006.01)

CPC (source: EP)

**E06B 9/42** (2013.01); **E06B 9/78** (2013.01)

Citation (search report)

- [A] US 2010263808 A1 20101021 - HANLEY MICHAEL [US], et al
- [A] US 6044890 A 20000404 - RENEE WILLIAM C [US]
- [A] US 5787953 A 19980804 - JACOBSON JEFF A [US]
- [A] US 6089303 A 20000718 - METCALF DARRELL J [US], et al
- [A] US 4759398 A 19880726 - RENEE WILLIAM C [US]
- [A] US 5476132 A 19951219 - JACOBSON JEFF A [US]
- [A] AT 374559 B 19840510 - ROLETTA JALOUSIE GES M B H NEM [AT]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 2497892 A1 20120912**

DOCDB simple family (application)

**EP 11157684 A 20110310**