

Title (en)

Drive for a roller shutter tassel, comprising a multiple step gearing

Title (de)

Antrieb für einen Rolladengurt mit mehrstufigem Getriebe

Title (fr)

Dispositif d'entraînement pour la sangle d'un volet roulant comprenant une transmission à plusieurs rapports

Publication

**EP 2520754 A3 20140514 (DE)**

Application

**EP 12161864 A 20120328**

Priority

DE 102011075250 A 20110504

Abstract (en)

[origin: EP2520754A2] The driving device (1) has an electric motor (2) and an adjacent gearbox (3) that is designed as a manual gear drive with two gear transmission ratios. The driving device is formed as an electrical belt winder (4) for a belt (5) or as a tension element of a shading device. The housing (7) of the belt winder is provided with an actuator (37) for the shifting of the gearbox. The actuating device is provided as a pivotable or movable lever (38). A sliding sleeve is moved with the gear wheels in the axial direction.

IPC 8 full level

**E06B 9/68** (2006.01); **E06B 9/70** (2006.01); **E06B 9/74** (2006.01); **E06B 9/78** (2006.01)

CPC (source: EP)

**E06B 9/68** (2013.01); **E06B 9/70** (2013.01); **E06B 9/74** (2013.01); **E06B 9/78** (2013.01); **E06B 2009/785** (2013.01)

Citation (search report)

- [XAYIJ] DE 4334621 A1 19950413 - SEEWALD MICHAEL [DE]
- [X] EP 0152888 A2 19850828 - SELVE ERNST GMBH CO KG [DE]
- [Y] FR 1220071 A 19600523 - BOIS IND ET DE L EST REUNIS
- [Y] EP 0852281 A2 19980708 - FONDEVILLA CALDERON JOAQUIN [DE]

Cited by

CN104675312A; US10407983B2; WO2021047510A1; US10941614B2

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)

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