

Title (en)

DELAY UNIT, CORD SUPPORT DEVICE, AND HORIZONTAL BLIND

Title (de)

VERZÖGERUNGSEINHEIT, SCHNURTRÄGER UND HORIZONTALE JALOUSIE

Title (fr)

UNITÉ DE RETARD, DISPOSITIF DE SUPPORT DE CORDON ET STORE HORIZONTAL

Publication

EP 3460168 A4 20191204 (EN)

Application

EP 17799307 A 20170512

Priority

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- JP 2016131814 A 20160701
- JP 2017018070 W 20170512

Abstract (en)

[origin: EP3460168A1] Provided are a delay unit for a cord support member which is embodied in a highly practical manner to enable the operation of lifting, lowering, and tilting slats to be performed by a single drive shaft; a cord support device for the delay unit; and a horizontal blind provided with the delay unit and the cord support device. Also provided is a horizontal blind wherein frictional resistance relating to winding of ladder cords about a tilt drum is appropriate. The delay unit 5a of the invention are arranged side by side on a single drive shaft 11 at positions outside or inside a support case 50 for supporting a tilt drum 51 and a winding shaft 52 so that the tilt drum 51 and the winding shaft 52 can rotate about the drive shaft 11, the delay unit 5a being mounted so as to be rotatable in a coordinated manner with predetermined amount of delay relative to the rotation of the tilt drum 51. This cord support device 5 is configured such that a delay unit 5a is disposed so as to be directly or indirectly connected to the bearing section of the winding shaft 52. This horizontal blind is provided with a cord support device comprising a tilt drum configured such that the annular upper ends of a plurality of ladder cords are wound about the tilt drum.

IPC 8 full level

E06B 9/308 (2006.01); **E06B 9/322** (2006.01)

CPC (source: EP)

E06B 9/308 (2013.01); **E06B 9/322** (2013.01)

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- [X1] WO 2013127867 A1 20130906 - HUNTER DOUGLAS IND BV [NL]
- See references of WO 2017199883A1

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