

Title (en)

BLIND ASSEMBLY AND A WINDING DEVICE THEREOF

Title (de)

JALOUSIEANORDNUNG UND WICKELVORRICHTUNG DAFÜR

Title (fr)

ENSEMBLE STORE ET DISPOSITIF D'ENROULEMENT DE CELUI-CI

Publication

EP 3255238 A1 20171213 (EN)

Application

EP 16174033 A 20160610

Priority

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Abstract (en)

A blind assembly (2) includes first and second side seats (21,22), a rotatable winding shaft (23), a shade member (24) wound on the winding shaft (23), and a winding device (20). The winding device (20) has a fixing unit (4), a coupling barrel (3), and a scroll spring (5). The fixing unit (4) has a fixing portion (412) disposed non-rotatably on the first side seat (21), and a spring-mounting portion (423) extending oppositely to the fixing portion (412). The coupling barrel (3) is disposed in and co-rotatable with the winding shaft (23), and is rotatable relative to the fixing unit (4). The scroll spring (5) has opposite ends disposed respectively on the spring-mounting portion (423) and the coupling barrel (3), such that rotation of the coupling barrel (3) generates a resilient force for retracting the shade member (24).

IPC 8 full level

E06B 9/42 (2006.01); **E06B 9/50** (2006.01); **E06B 9/60** (2006.01)

CPC (source: EP)

E06B 9/42 (2013.01); **E06B 9/50** (2013.01); **E06B 9/60** (2013.01)

Citation (search report)

- [XA] US 2011272106 A1 20111110 - MULLET WILLIS JAY [US], et al
- [AD] US 8251120 B2 20120828 - CHEN JU-HUAI [TW]

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

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