

Title (en)  
SPRING OPERATED ROLLER BLIND SYSTEM WITH TENSION SPRING ADJUSTING MECHANISM AND LOCKING ELEMENT FOR SAID SYSTEM

Title (de)  
FEDERBETÄTIGTES ROLLOSYSTEM MIT ZUGFEDERVERSTELLMECHANISMUS UND VERRIEGELUNGSELEMENT FÜR DIESES SYSTEM

Title (fr)  
SYSTÈME DE STORE ACTIONNÉ PAR RESSORT AVEC MÉCANISME DE RÉGLAGE DU RESSORT DE TENSION ET ÉLÉMENT DE VERROUILLAGE POUR LEDIT SYSTÈME

Publication  
**EP 3163005 A1 20170503 (EN)**

Application  
**EP 16196275 A 20161028**

Priority  

- NL 2015678 A 20151029
- NL 2016908 A 20160607

Abstract (en)  
The invention relates to a roller blind system, comprising a roller blind (1) having a roller shaft (4) through which a central rod (6) extends and to which a flexible sheet member is attached. The roller blind is provided with two bracket connectors (21) arranged for releasable coupling to mounting brackets (20). The roller blind is spring operated and comprises a tension spring (5) fixedly connected to the central rod and to the roller shaft and a tension adjusting mechanism (10) for adjusting the tension of the tension spring. The tension adjusting mechanism comprises an adjusting wheel (11) and an adjusting spring (15) for adjusting the rotational position of the central rod, first engaging means (13) arranged on the adjusting wheel for pushing the adjusting spring in a relaxed configuration and second engaging means (18) connected to the central rod for pushing the adjusting spring in a tightened configuration.

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 (applicant)  

- EP 2933428 A1 20151021 - COULISSE BV [NL]
- CN 203867436 U 20141008 - NINGBO ZHENFEI DECORATED CURTAIN CO LTD

Citation (search report)  

- [AD] CN 203867436 U 20141008 - NINGBO ZHENFEI DECORATED CURTAIN CO LTD
- [A] GB 2405661 A 20050309 - LEVOLUX AT LTD [GB]

Cited by  
US2021214950A1; CN112005994A; CN107816309A; CN108859683A; WO2024044960A1

Designated contracting state (EPC)  
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