

Title (en)  
Device for tensioning a rail-guided roller screen

Title (de)  
Vorrichtung zum Spannen eines schienengeführten aufrollbaren Behangs

Title (fr)  
Dispositif de serrage pour un rideau enroulable guidé par rail

Publication  
**EP 2157275 A2 20100224 (EN)**

Application  
**EP 09165372 A 20090714**

Priority  
BE 200800413 A 20080724

Abstract (en)  
The invention relates to a screen device (1) comprising: - a fixed screen or a roll-up and roll-down screen (2); - side guides (3) containing screen guides (4) for the securement or guidance of the screen (2); - and at least one spring (5), comprising a fastening portion (6a, 6b, 6c), for at least partially enclosing the screen guide (4), and at least two fastening elements (6b, 6c), which are arranged on this fastening portion (6a, 6b, 6c) such that they are displaced relative to each other and on opposite sides in the longitudinal direction of the screen guide (4), the said fastening elements having an interspace which is at least as large as the width of the screen guide (4), so that the spring (5) can be fastened with a rotary motion to the screen guide (4), and comprising at least one resilient lip (7), which, with the aid of a fastening element (6b, 6c), is provided on the fastening portion (6a, 6b, 6c), which resilient lip (7) extends between the screen guide (4) and the side guide (3) in order to stretch the screen (2) in a laterally resilient manner.

IPC 8 full level  
**E06B 9/58** (2006.01)

CPC (source: EP)  
**E06B 9/58** (2013.01)

Citation (applicant)  
• JP 2003013680 A 20030115 - TACHIKAWA BLIND MFG, et al  
• JP H10212878 B  
• DE 102006023813 A1 20071122 - DAIMLER CHRYSLER AG [DE]  
• JP H0473393 B2 19921120

Cited by  
WO2024017934A1; CN115653476A; KR101651522B1; CN113423915A; DE102011118859A1; DE102011118859B4; CN113646502A; WO2017212346A1; WO2020206125A1; EP3757343A1; DE202017102736U1; EP3401495A1; EP3401496A1; EP2703595B1

Designated contracting state (EPC)  
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 SE SI SK SM TR

DOCDB simple family (publication)  
**EP 2157275 A2 20100224; EP 2157275 A3 20120822; EP 2157275 B1 20130213; BE 1018226 A3 20100706**

DOCDB simple family (application)  
**EP 09165372 A 20090714; BE 200800413 A 20080724**