

Title (en)

CORD TENSION CONTROL FOR TOP DOWN/BOTTOM UP COVERING FOR ARCHITECTURAL OPENINGS

Title (de)

BANDSPANNUNGSKONTROLLE FÜR VON OBEN NACH UNTEN ODER VON UNTEN NACH OBEN VERLAUFENDE ABDECKUNGEN VON GEBÄUDEÖFFNUNGEN

Title (fr)

RÉGULATION DE TENSION DE CORDONS POUR COUVERTURE DE HAUT EN BAS / DE BAS EN HAUT POUR OUVERTURES ARCHITECTURALES

Publication

EP 2702221 A4 20141203 (EN)

Application

EP 11864130 A 20110511

Priority

- US 2011034239 W 20110428
- US 2011036122 W 20110511

Abstract (en)

[origin: WO2012150946A2] Cord tensioning systems are provided for top down/bottom up coverings to prevent entanglement of lift cords about associated wrap spools by correlating rotation of the wrap spools with translating threaded nuts mounted on threaded shafts rotating in unison with the wrap spools whereby abutment of nuts associated with lift spools prevent over movement of rails associated with the spools and thus entanglement of the lift cords associated therewith.

IPC 8 full level

E06B 9/32 (2006.01); **E06B 9/24** (2006.01); **E06B 9/262** (2006.01); **E06B 9/322** (2006.01)

CPC (source: EP KR)

E06B 9/262 (2013.01 - EP); **E06B 9/322** (2013.01 - EP KR); **E06B 2009/2441** (2013.01 - EP); **E06B 2009/2627** (2013.01 - EP)

Citation (search report)

- [A] US 2003226644 A1 20031211 - KOOT HERMANUS MARINUS IGNATIUS [NL], et al
- [A] US 2008053626 A1 20080306 - JAROSINSKI MAREK [US], et al
- [A] US 2007144686 A1 20070628 - DREW TERRENCE M [US]
- [A] US 2008099281 A1 20080501 - ANDERSON RICHARD [US], et al
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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

DOCDB simple family (publication)

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US 2011036122 W 20110511; AU 2011367216 A 20110511; BR 112012027712 A 20110511; CA 2797850 A 20110511; CN 201180025098 A 20110511; EP 11864130 A 20110511; KR 20127030025 A 20110511