

Title (en)

ROLLER BLIND THAT FREELY OPENS/CLOSES UP AND DOWN

Title (de)

FREI NACH OBEN UND UNTEN ÖFFNENDER/SCHLIESSENDER ROLLLADEN

Title (fr)

STORE ROULANT QUI S'OUVRE ET SE FERME LIBREMENT

Publication

EP 3825507 A4 20220608 (EN)

Application

EP 19807513 A 20190522

Priority

- CN 201810513089 A 20180524
- CN 2019087906 W 20190522

Abstract (en)

[origin: EP3825507A1] A roller blind that freely opens and closes up and down, which comprises a roller shaft, a drawing cord and a drawing device. An end part of the roller shaft is provided with a movable pulley (1), and the drawing cord comprises a lifting section (31) and a pull-down section (32) which are drawn by the drawing device to move synchronously; the lifting section (31) and the pull-down section (32) bypass the movable pulley (1) and then tension upward and downward respectively so as to keep the movable pulley (1) stable, such that the movable pulley (1) may rotate while lifting, thus achieving the free up and down opening and closing of the roller blind.

IPC 8 full level

E06B 9/40 (2006.01); **E06B 9/68** (2006.01)

CPC (source: CN EP)

E06B 9/40 (2013.01 - CN EP); **E06B 9/42** (2013.01 - CN); **E06B 9/62** (2013.01 - EP); **E06B 9/64** (2013.01 - EP); **E06B 9/68** (2013.01 - CN EP); **E06B 9/70** (2013.01 - EP)

Citation (search report)

- [XP] CN 208534379 U 20190222 - ZHANG JIWEN
- [A] CN 106958413 A 20170718 - ZHANG JIWEN
- [A] EP 0295223 A1 19881214 - LUCIANO SRL [IT]
- [A] CN 104082157 A 20141008 - JIANGSU ACAD AGRICULTURAL SCI
- [A] CN 201507227 U 20100616 - KAI ZHANG
- See also references of WO 2019223708A1

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

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