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202321393325.1 2023 年 6 月 2 日 (02.06.2023) CN
- (71) 申请人: 上海庆繁智能遮阳技术有限公司 (SHANGHAI QING FAN INTELLECTUAL SUNSHADE TECHNOLOGY CO., LTD) [CN/CN]; 中国上海市闵行区平阳路 258 号一层 E1048 室, Shanghai 201102 (CN)。
- (72) 发明人: 孔海兵 (KONG, Haibing); 中国上海市闵行区平阳路 258 号一层 E1048 室, Shanghai 201102 (CN)。
- (74) 代理人: 上海市汇业律师事务所 (SHANGHAI HUIYE LAW FIRM); 中国上海市长宁区延安西路 726 号 5A, Shanghai 200050 (CN)。
- (81) 指定国(除另有指明, 要求每一种可提供的国家保护): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CV, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IQ, IR, IS, IT, JM, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, MG, MK, MN, MU, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD,

(54) Title: ROLLER BLIND HAVING TENSIONING DEVICES

(54) 发明名称: 一种具有张紧装置的卷帘

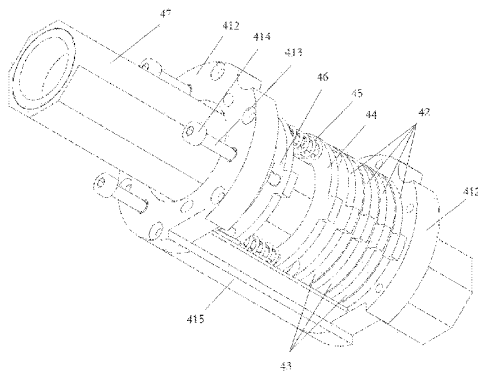


图 4

(57) Abstract: Disclosed in present utility model is a roller blind having tensioning devices, comprising a power source, a tube, a fabric, length-limiting positioning members and tensioning devices. The length-limiting positioning members are used for limiting the unrolling length of the fabric and each comprise a positioning roller; the tensioning devices each comprise a transmission member and a transmission wheel assembly; each transmission wheel assembly comprises a transmission wheel; each transmission member is annular and surrounds the transmission wheel and the positioning roller; the power source is in transmission connection to the tube, and the tube is connected to the transmission members by means of the fabric. According to the present utility model, the fabric can be kept tensioned, flat and not drooping in an unrolling process, and the present utility model can be widely applied to various scenarios in which a roller blind is mounted on a top surface, an inclined surface and a vertical surface and downward rolling of the roller blind is required.

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SE, SG, SK, SL, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ,
UA, UG, US, UZ, VC, VN, WS, ZA, ZM, ZW。

(84) 指定国(除另有指明，要求每一种可提供的地区
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TD, TG)。

根据细则4.17的声明:
— 发明人资格(细则4.17(iv))

本国际公布:
— 包括国际检索报告(条约第21条(3))。

(57) 摘要: 本实用新型公开了一种具有张紧装置的卷帘包括动力源、卷轴、帘料、限长定位件和张紧装置;
限长定位件用于限制帘料的放卷长度, 包括定位滚轮; 张紧装置包括传动件和传动轮组件; 传动轮组件包括
传动轮; 传动件呈环状, 环绕于传动轮和定位滚轮上; 动力源与卷轴传动连接, 卷轴通过传动轮组件与传动
件连接, 使得传动件能够随卷轴转动; 卷轴还通过帘料与传动件连接。本实用新型在放卷过程中能够保持
帘料张紧、平整、不下垂, 可广泛适用于卷帘安装于顶面、斜面、立面及需要倒装的各种场景。