

(12) International Application Status Report

Received at International Bureau: 19 September 2018 (19.09.2018)

Information valid as of: 22 February 2019 (22.02.2019)

Report generated on: 20 July 2019 (20.07.2019)

(10) Publication number:

WO2019/054328

(43) Publication date:

21 March 2019 (21.03.2019)

(26) Publication language:

Japanese (JA)

(21) Application Number:

PCT/JP2018/033430

(22) Filing Date:

10 September 2018 (10.09.2018)

(25) Filing language:

Japanese (JA)

(31) Priority number(s):

2017-175958 (JP)

(31) Priority date(s):

13 September 2017 (13.09.2017)

(31) Priority status:

Priority document received (in compliance with PCT Rule 17.1)

(51) International Patent Classification:

A47C 31/10 (2006.01)

(71) Applicant(s):

PARAMOUNT BED CO., LTD. [JP/JP]; 14-5, Higashisuna 2-chome, Koto-ku, Tokyo 1368670 (JP) *(for all designated states)*

(72) Inventor(s):

ARIMATSU Takayuki; c/o PARAMOUNT BED CO., LTD., 14-5, Higashisuna 2-chome, Koto-ku, Tokyo 1368670 (JP)
NAGAI Hidekazu; c/o PARAMOUNT BED CO., LTD., 14-5, Higashisuna 2-chome, Koto-ku, Tokyo 1368670 (JP)

(74) Agent(s):

FUJIMOTO Eisuke; c/o Fujimoto Patent & Law Office, KA111 Building 5F, 1-1, Kandaawaji-cho 1-chome, Chiyoda-ku, Tokyo 1010063 (JP)

(54) Title (EN): MATTRESS COVER STRUCTURE

(54) Title (FR): STRUCTURE DE HOUSSE DE MATELAS

(54) Title (JA): マットレスカバー構造

(57) Abstract:

(EN): A mattress cover structure configured such that a core material 150 is covered by a side fabric 120, wherein the mattress cover structure is characterized in comprising an inner cover 110 that covers the outer periphery of the core material 150, the side fabric 120 being configured so as to cover the inner cover 110, a friction region 111 comprising a friction function is provided to the surface of the inner cover 110, and a friction region that produces a specific friction function by coming into contact with the friction region 111 of the inner cover 110 is provided to the inner-side surface of the side fabric 120. It is thereby possible to provide a mattress cover structure that can reduce wrinkling produced in the side fabric due to movement of a user when the mattress is used.

(FR): L'invention concerne une structure de housse de matelas configurée de sorte qu'un matériau central (150) est recouvert par un tissu latéral (120), la structure de housse de matelas étant caractérisée en ce qu'elle comprend une housse interne (110) qui recouvre la périphérie externe du matériau central (150), le tissu latéral (120) étant configuré de manière à recouvrir la housse interne (110), une région de frottement (111) présentant une fonction de frottement étant disposée sur la surface de la housse interne (110), et une région de frottement qui produit une fonction de frottement spécifique en entrant en contact avec la région de frottement (111) de la housse interne (110) étant disposée sur la surface de côté interne du tissu latéral (120). Il est ainsi possible de fournir une structure de housse de matelas qui peut réduire le plissement produit dans le tissu latéral en raison du mouvement d'un utilisateur lorsque le matelas est utilisé.

(JA): 芯材 150 を側地 120 で覆うように構成したマットレスカバー構造であって、芯材 150 の外周を覆う内カバー 110 を備え、側地 120 を、内カバー 110 を覆うように構成し、内カバー 110 の表面には、摩擦機能を備える摩擦領域 111 が設け、側地 120 の内側面には、内カバー 110 の摩擦領域 111 と接触することで特定の摩擦機能を生じさせる摩擦領域が設けられることを特徴とする。これにより、マットレスを使用する際に、利用者が動くことにより側地に生じるシワを低減することができるマットレスカバー構造を提供することができる。

International search report:

Received at International Bureau: 17 December 2018 (17.12.2018) [JP]

International Report on Patentability (IPRP) Chapter II of the PCT:

Not available

(81) Designated States:

AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JO, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW

European Patent Office (EPO) : AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR

African Intellectual Property Organization (OAPI) : BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG

African Regional Intellectual Property Organization (ARIPO) : BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW

Eurasian Patent Organization (EAPO) : AM, AZ, BY, KG, KZ, RU, TJ, TM