



(12) **EUROPEAN PATENT APPLICATION**

(43) Date of publication:
22.10.2008 Bulletin 2008/43

(51) Int Cl.:
E06B 9/52 (2006.01) E06B 9/262 (2006.01)

(21) Application number: **08150869.9**

(22) Date of filing: **31.01.2008**

(84) Designated Contracting States:
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR
Designated Extension States:
AL BA MK RS

(71) Applicant: **Fivent, S.A.**
08450 Llinars del Velles (ES)

(72) Inventor: **Altet Girbau, Jaume**
08450, LLINARS DEL VALLES (ES)

(74) Representative: **Ponti Sales, Adelaida**
C. de Consell de Cent 322
08007 Barcelona (ES)

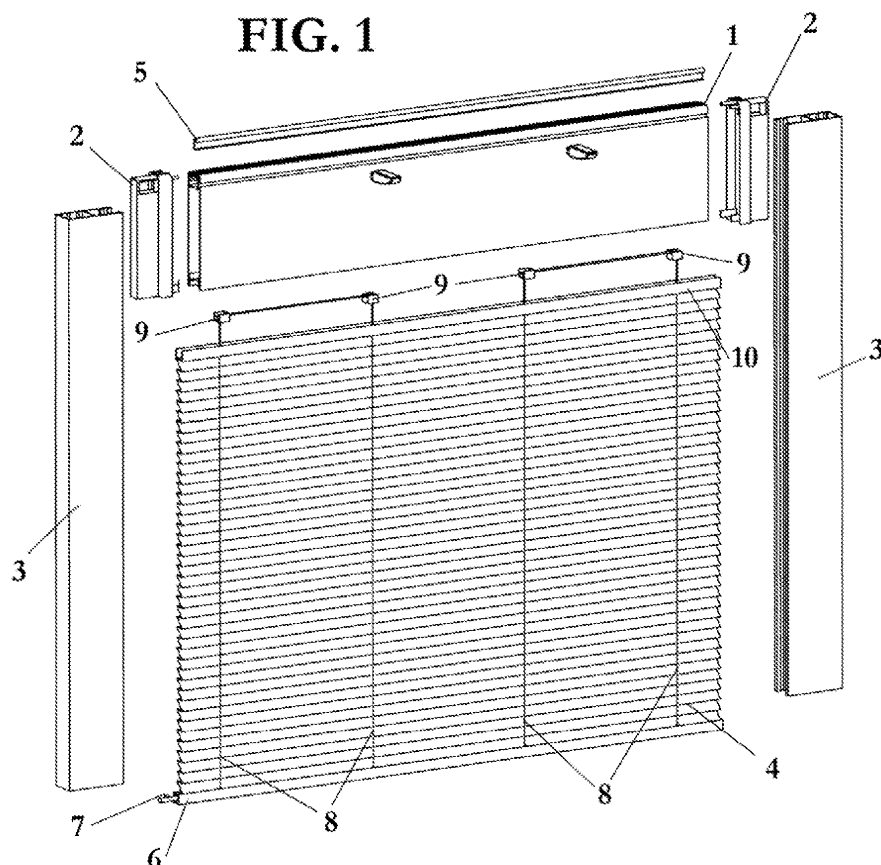
(30) Priority: **06.02.2007 ES 200700248 U**

(54) **Mosquito netting**

(57) The mosquito netting of the present invention comprises a vertically movable case (1) along a pair of lateral guides (3) and a mosquito netting fabric (4) fixed by its upper end to said case (1), and it is characterised in that said case (1) comprises at least a hook (5) at its upper end, which is engageable with a blind, said blind

being also movable along said lateral guides (3).

The mosquito netting of the present invention permits to link the movement of the mosquito netting with the movement of the blind, so that when the blind is rolled up, the mosquito netting is placed automatically at the window or door, and vice versa.



Description

[0001] The present invention refers to a mosquito netting, permitting its engagement to a blind.

BACKGROUND OF THE INVENTION

[0002] The mosquito nettings are used in windows and doors to prevent the passage of insects, but permitting the light to pass. On the other hand, the blinds are used in windows and doors to prevent the light to pass.

[0003] It is clear, therefore, that the blinds and the mosquito nettings are complementary, because when one is used it is not necessary to use the other one.

[0004] However, the currently known mosquito nettings are completely independent from the blinds installed in the same window or door. For example, the mosquito netting remains placed even though the blind is lowered, although it does not provide any function and it could be rolled up.

[0005] Therefore, it is clear the need for an interaction between the mosquito netting and the blind, so that when the blind is used, the mosquito netting is rolled up automatically, and vice versa.

DESCRIPTION OF THE INVENTION

[0006] With the mosquito netting of the invention said drawbacks can be solved, presenting other advantages that will be described.

[0007] The mosquito netting comprising a vertically movable case along a pair of lateral guides and a mosquito netting fabric fixed by its upper end to said case, and it is characterised in that said case comprises at least a hook at its upper end, which is engageable with a blind, said blind being also movable along said lateral guides.

[0008] Thanks to this feature, it is possible to link the movement of the mosquito netting with the movement of the blind, so that when the blind is rolled up, the mosquito netting is placed automatically at the window or door, and vice versa.

[0009] Advantageously, said case also comprise a lower hook to be engaged with the lower part of said mosquito netting fabric, so that the mosquito netting fabric can remain housed inside the case, leaving free the window or the door, i.e. without mosquito netting and without blind.

[0010] According to a preferred embodiment, said mosquito netting fabric comprises at its lower part a base profile provided with a pin, in which said lower hook of the case is engaged.

[0011] Advantageously, said mosquito netting fabric is pleated and said hook is a longitudinal hook which extends along substantially all the width of the case.

[0012] Advantageously, said mosquito netting fabric comprises a plurality of vertical elastic cords, which comprise at their upper end a carrier piece.

[0013] Preferably, said carrier pieces of the elastic

cords are housed inside a horizontal profile provided at the upper part of said mosquito netting fabric, said carrier pieces being joined in pairs.

[0014] Furthermore, said case comprise guiding lateral caps, which serve as stop when the blind is rolled up, preventing the mosquito netting fabric to enter inside the case.

[0015] Advantageously, said mosquito netting fabric is narrower than said lateral guides, remaining inside it and preventing possible situations in which the fabric is separated from the guide, permitting the insect to enter.

BRIEF DESCRIPTION OF THE DRAWINGS

[0016] For a better understanding of what has been disclosed some drawings are attached, in which, diagrammatically and only as a non-limitative example, a practical case of embodiment is shown.

[0017] Fig. 1 is an exploded perspective view of the mosquito netting of the present invention; and

[0018] Fig. 2 is a lateral elevation view of the profile housing the fabric of mosquito netting of the present invention.

DESCRIPTION OF A PREFERRED EMBODIMENT

[0019] As it can be seen from Fig. 1, the mosquito netting of the present invention comprises a case 1 provided with a pair of lateral caps 2, through which said case 1 is vertically movable along a pair of lateral guides 3. The mosquito netting also comprises a pleated mosquito netting fabric 4, whose upper end is fixed to said case 1.

[0020] As it can be seen better in Fig. 2, the case 1 comprises at its upper part a longitudinal hook 5, which is provided for its engagement to a blind (not shown).

[0021] The lower end of the mosquito netting 4 comprises a base profile 6 provided with a pin 7, said pin 7 is engageable with a second hook 11 provided at the lower part of said case 1.

[0022] When the first hook 5 is engaged with the blind, when the mosquito netting is rolled up, i.e. when the case 1 is at its lower position, the blind is placed automatically in position. Furthermore, when the blind is rolled up, i.e. when the case 1 is at its upper position, the mosquito netting is placed automatically in position.

[0023] To prevent the mosquito netting to be placed in position when the case 1 is at its upper position the second hook 11 can be engaged with the pin 7, so that all the fabric of the mosquito netting 4 will be housed inside the case 1.

[0024] The pleated mosquito netting fabric 4 comprises a plurality of vertical elastic cords 8, four in the shown embodiment. Each of these cords 8 comprises at its upper end a carrier piece 9, these carrier pieces 9 being housed inside a horizontal guide 10 provided at the upper part of said mosquito netting fabric 4.

[0025] Said pleated mosquito netting fabric 4 is narrower than the lateral guides 3, about 9 mm, remaining

inside them, not at the same level than the guides 3, as in the other models. This prevents situations in which the fabric is separated from the guide, permitting the insects entrance.

[0026] Even though reference is made to a specific embodiment of the invention, it is clear for a person skilled in the art that the disclosed mosquito netting is susceptible of numerous variations and modifications, and that all the details can be substituted by other technically equivalent ones, without departing from the scope of protection defined by the attached claims.

in that said carrier pieces (9) are joined in pairs.

10. Mosquito net according to claim 1, **characterised in that** said case (1) comprises guiding lateral caps (2).

11. Mosquito net according to claim 1, **characterised in that** said mosquito netting fabric (4) is narrower than said lateral guides (3), remaining housed inside them.

Claims

1. Mosquito net comprising a vertically movable case (1) along a pair of lateral guides (3) and a mosquito netting fabric (4) fixed by its upper end to said case (1), **characterised in that** said case (1) comprises at least a hook (5) at its upper end, which is engageable with a blind, said blind being also movable along said lateral guides (3). 15
2. Mosquito net according to claim 1, **characterised in that** said case (1) also comprises a lower hook (11) for engaging with the lower part of said mosquito netting fabric (4). 20
3. Mosquito net according to claim 2, **characterised in that** said mosquito netting fabric (4) comprises at its lower part a base profile (6) provided with a pin (7), with which said lower hook (11) of the case (1) is engaged. 25
4. Mosquito net according to anyone of the previous claims, **characterised in that** said mosquito netting fabric (4) is pleated. 30
5. Mosquito net according to claim 1, **characterised in that** said hook (5) is a longitudinal hook which extends along substantially all the width of the case (1). 35
6. Mosquito net according to anyone of the previous claims, **characterised in that** said mosquito netting fabric (4) comprises a plurality of vertical elastic cords (8). 40
7. Mosquito net according to claim 6, **characterised in that** said elastic cords (8) comprise at their upper end a carrier piece (9). 45
8. Mosquito net according to claim 7, **characterised in that** said carrier pieces (9) of the elastic cords (8) are housing inside a horizontal profile (10) provided at the upper part of said mosquito netting fabric (4). 50
9. Mosquito net according to claim 7, **characterised** 55

FIG. 1

