

(19)



(11)

EP 3 854 286 A1

(12)

EUROPEAN PATENT APPLICATION

(43) Date of publication:
28.07.2021 Bulletin 2021/30

(51) Int Cl.:
A47L 13/16 ^(2006.01) **A46B 1/00** ^(2006.01)

(21) Application number: **21382034.3**

(22) Date of filing: **18.01.2021**

(84) Designated Contracting States:
**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**
Designated Extension States:
BA ME
Designated Validation States:
KH MA MD TN

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(30) Priority: **22.01.2020 ES 202030097 U**

(54) **IMPROVED MOP**

(57) An improved mop, comprising a laminar and textile body with two opposite faces, and with a suitable geometry to cover and wrap a broom brush. Said mop has

the laminar and textile body which incorporates or is made up of differentiated fabrics with different properties on each of the two faces thereof.

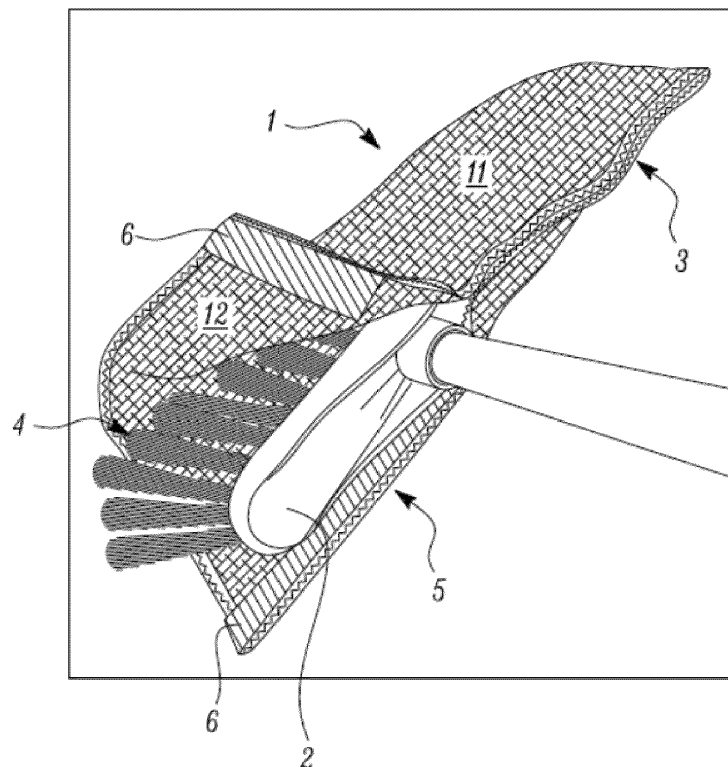


FIG. 3

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Description

OBJECT OF THE INVENTION

[0001] The object of the present invention application is to register an improved mop, which incorporates notable innovations and advantages over the techniques used up until now.

[0002] More specifically, the invention proposes the development of an improved mop that, due to the particular arrangement thereof, allows for a more adequate cleaning of a floor adapted to the different needs of the user that may arise, using a broom brush to do so.

BACKGROUND OF THE INVENTION

[0003] Different types of mops are known in the current state of the art for use in cleaning a floor.

[0004] The aforementioned mops usually must be used on different floors and/or floors with very different required cleaning needs.

[0005] The present invention helps to solve and overcome the present problem since it allows for a more adequate cleaning of a floor adapted to the different needs of the user that may arise and be required, using a broom brush to do so.

DESCRIPTION OF THE INVENTION

[0006] The present invention has been developed with the aim of providing an improved mop, comprising a laminar and textile body with two opposite faces, and with a suitable geometry to cover and wrap a broom brush, characterised in that the laminar and textile body incorporates or is made up of differentiated fabrics with different properties on each of the two faces thereof.

[0007] Preferably, in the improved mop, one of the faces thereof incorporates an absorbent microfibre fabric.

[0008] Preferably, in the improved mop, one of the faces thereof incorporates a blended fabric of absorbent microfibre and abrasive material.

[0009] Preferably, in the improved mop, the laminar and textile body is provided with fastening means enabled to keep said body covering and wrapping the broom brush.

[0010] Preferably, in the improved mop, the fastening means are reversible.

[0011] Alternatively, in the improved mop, the fastening means comprise Velcro strips or similar.

[0012] Alternatively, in the improved mop, the laminar and textile body has a rectangular geometry.

[0013] Additionally, in the improved mop, when in use, the body is bent and folded on itself with a resulting rectangular geometry and with a perimeter that is the result of mutual stitching or adhesion of a section of the original edges of the laminar body, an interior space also resulting from said bending and folding of the body on itself, and another section of the original edges of the body that are

free of stitching creating an opening enabled for the entry and exit of the broom brush in the interior space resulting from the bending and folding of the body on itself, the fastening means being arranged in the opening.

[0014] Due to the present invention, it is possible to perform a more adequate cleaning of a floor adapted to the different needs of the user that may arise and be required, using a broom brush to do so.

[0015] Other features and advantages of the improved mop will become apparent from the description of a preferred but not exclusive embodiment, illustrated by way of non-limiting example in the attached drawings, in which:

15 BRIEF DESCRIPTION OF THE DRAWINGS

[0016] Figures 1, 2 and 3 are schematic views that are also indicative of the use of a preferred embodiment of the improved mop of the present invention.

DESCRIPTION OF A PREFERRED EMBODIMENT

[0017] As shown in Figure 1, the improved mop of the proposed invention comprises a laminar and textile body 1, with two opposite faces 11, 12.

[0018] As can also be seen in Figure 2, the body 1 has a suitable geometry to cover and wrap a broom brush 2, said broom brush 2 being unrelated to the proposed invention.

[0019] The body 1 has a rectangular geometry and incorporates or is made up of differentiated fabrics with different properties on each of the two opposite faces 11, 12 thereof.

[0020] More particularly, the body 1 incorporates an absorbent microfibre fabric on one face 11.

[0021] The same body 1 incorporates a blended fabric of absorbent microfibre and abrasive material on the other opposite face 12 thereof.

[0022] Furthermore, when in use, the body 1 is bent and folded on itself with a resulting geometry that is also rectangular, with a perimeter 3 that is the result of mutual stitching or adhesion of a section of the original edges of the laminar body 1.

[0023] Said bending and folding of the body 1 on itself also creates an interior space 4.

[0024] At the same time, another section of the original edges of the body 1 that are free of stitching or adhesion create an opening 5 enabled for the entry and exit of the broom brush 2 in the interior space 4, as can also be seen in Figure 3.

[0025] Said opening 5 is provided with reversible fastening means comprising Velcro strips 6 or similar, which are enabled to keep said body 1 covering and wrapping the broom brush 2 in the interior space 4 created by the bending and folding of the same body 1.

[0026] According to the arrangement explained, the improved mop, by covering and wrapping the broom brush 2, enables, when using the same broom brush 2,

the face 11 of the laminar body 1 incorporating an absorbent microfibre fabric to come in contact with the floor to be cleaned and to apply the very cleaning properties of the absorbent microfibre on the same floor.

[0027] Likewise, according to the needs of the user himself, the bending and folding of the same body 1 can be reversed, so that the other opposite face 12 of the same laminar body 1 is that which is then arranged externally, with the same broom brush 2 covered and wrapped by the laminar body 1 in the same way as in the previous case. In this other case, the other face 12 of the laminar body 1 made of a blended fabric of absorbent microfibre and abrasive material is that which comes in contact with the floor to be cleaned, applying the very cleaning properties of the blended fabric of absorbent microfibre and abrasive material on the same floor.

[0028] The improved mop of the proposed invention therefore allows the properties of, for example, an absorbent microfibre textile to be used together with the properties of, for example, a blended textile that combines absorbent microfibre strips with abrasive material strips, in order to improve the conditions for removing ground-in dirt.

[0029] The details, shapes, dimensions and other secondary elements, as well as the materials used in manufacturing the improved mop of the invention, may be suitably replaced with others that are technically equivalent and do not depart from the essential nature of the invention or from the scope defined by the claims included below.

Claims

1. An improved mop, comprising a laminar and textile body (1) with two opposite faces (11, 12), and with a suitable geometry to cover and wrap a broom brush (2), **characterised in that** the laminar and textile body (1) incorporates or is made up of differentiated fabrics with different properties on each of the two faces (11, 12) thereof.
2. The improved mop according to claim 1, **characterised in that** one of the faces (11) thereof incorporates an absorbent microfibre fabric.
3. The improved mop according to any of the preceding claims, **characterised in that** one of the faces (12) thereof incorporates a blended fabric of absorbent microfibre and abrasive material.
4. The improved mop according to any of the preceding claims, **characterised in that** the laminar and textile body (1) is provided with fastening means enabled to keep said body (1) covering and wrapping the broom brush (2).
5. The improved mop according to claim 4, **character-**

ised in that the fastening means are reversible.

6. The improved mop according to claim 5, **characterised in that** the fastening means comprise Velcro strips (6) or similar.
7. The improved mop according to any of the preceding claims, **characterised in that** the laminar and textile body (1) has a rectangular geometry.
8. The improved mop according to claim 7 when it depends on any of claims 4 to 6, **characterised in that** when in use, the body (1) is bent and folded on itself with a resulting rectangular geometry and with a perimeter (3) that is the result of mutual stitching or adhesion of a section of the original edges of the laminar body (1), an interior space (4) also resulting from said bending and folding of the body (1) on itself, and another section of the original edges of the body (1) that are free of stitching creating an opening (5) enabled for the entry and exit of the broom brush (2) in the interior space (4) resulting from the bending and folding of the body (1) on itself, the fastening means being arranged in the opening (5).

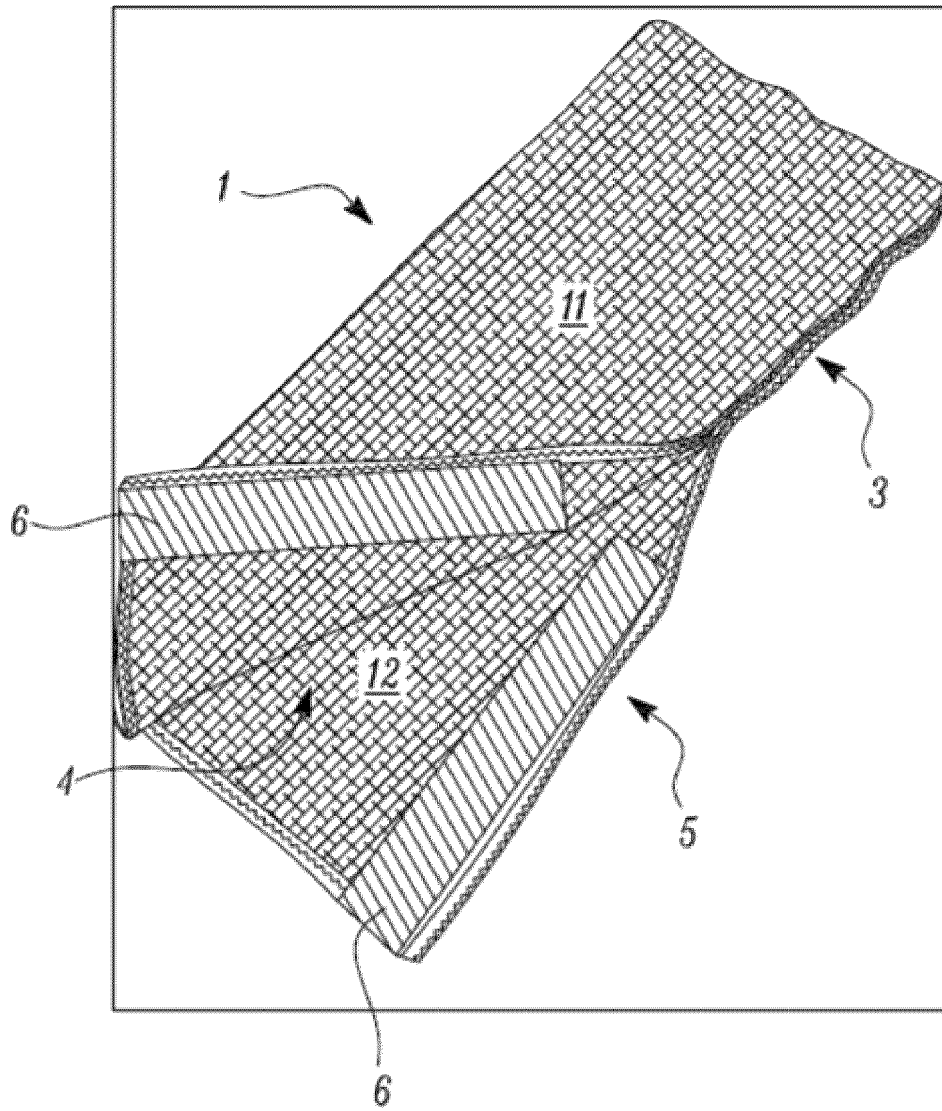


FIG. 1

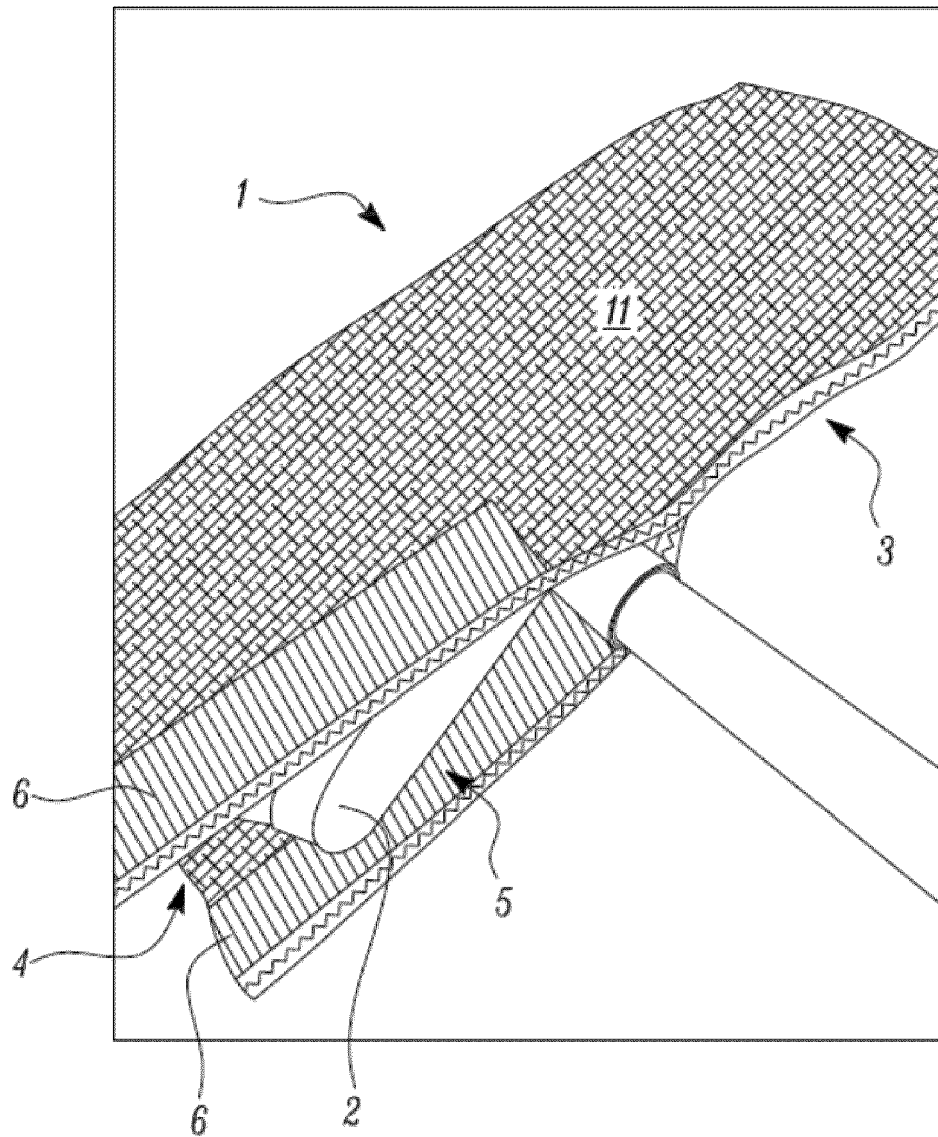


FIG. 2

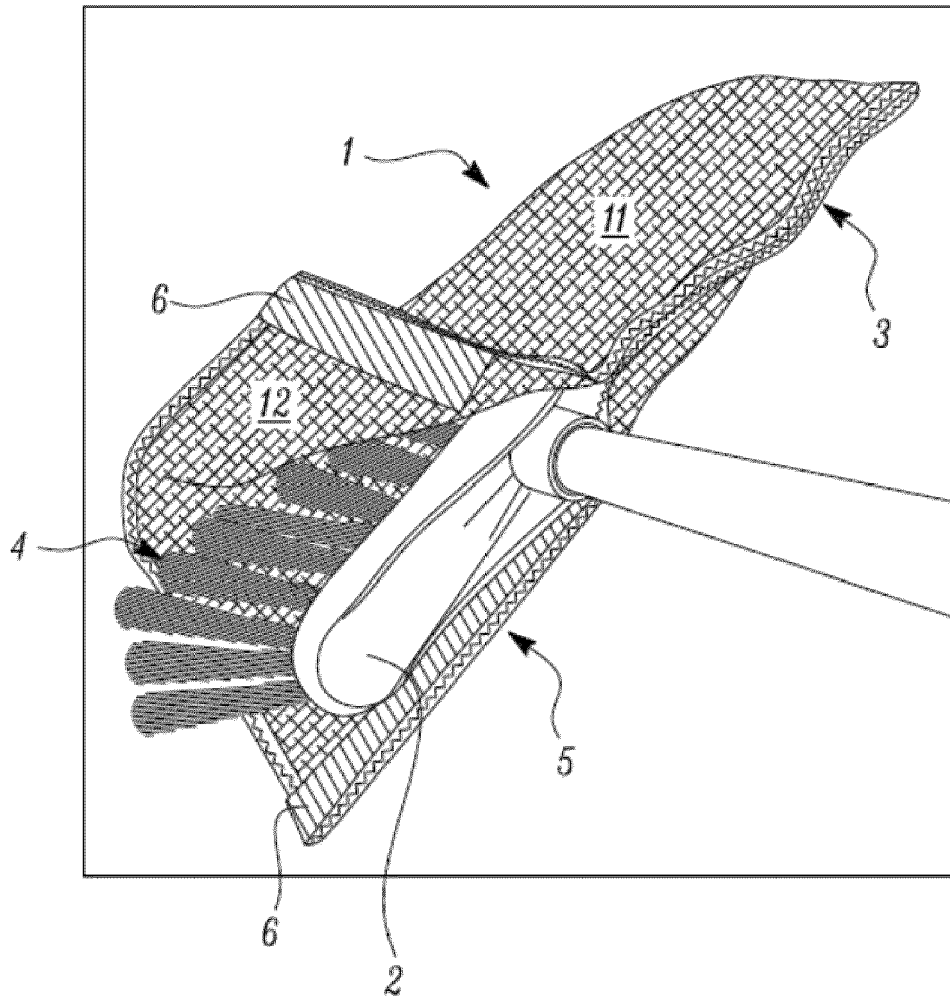


FIG. 3



EUROPEAN SEARCH REPORT

Application Number
EP 21 38 2034

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The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 7 June 2021	Examiner Hubrich, Klaus
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

EPO FORM 1503 03.82 (P04C01)

ANNEX TO THE EUROPEAN SEARCH REPORT
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