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(54) **COLLAR PRESS**

(57) The present invention relates to a collar press and a method for using the same.

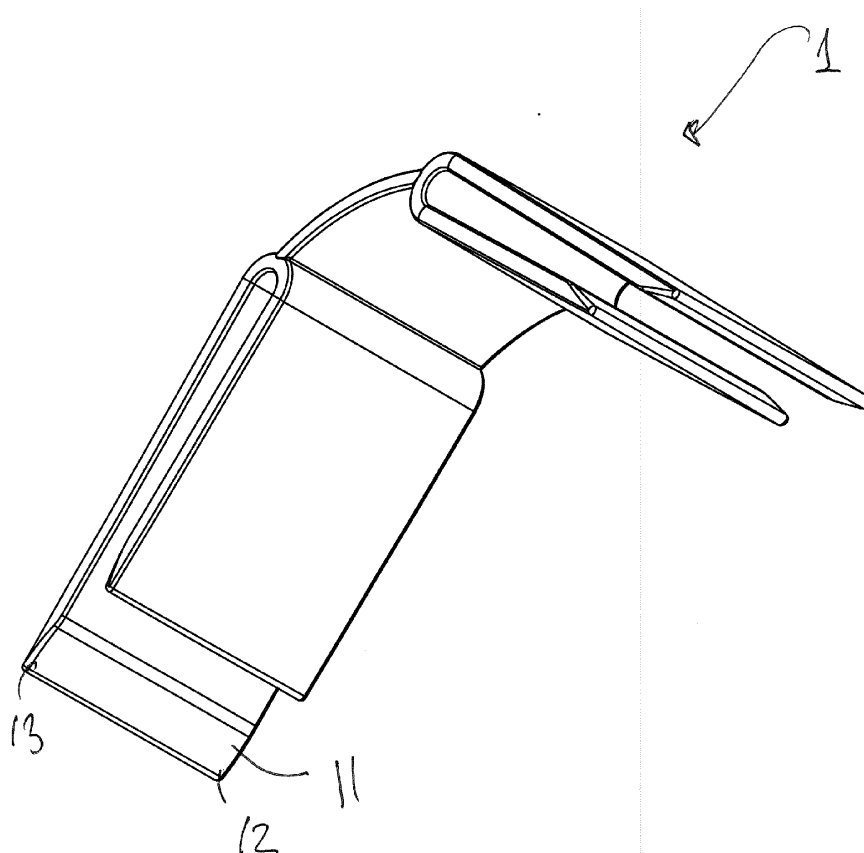


Fig. 2

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Description

Field of the Invention

[0001] The present invention relates to a collar press and a method for using the same.

Background of the Invention

[0002] Keeping collars on shirts sharp and in shape is an important part of maintaining a shirt in good condition.

[0003] However, most modern shirts are not dry cleaned but machine washed which requires a post wash care such as ironing. This is a time-consuming process and maintaining the pressed/ironed look even during storage is of interest.

Object of the Invention

[0004] It is an objective of the invention to achieve a device for maintaining the shape of prepressed or pre-ironed collar sections. A further objective of the invention is to achieve a device to maintain collar sections of a garment in a desired position to each other as well as the collar may be prevented from wrinkling.

[0005] The device may also act as a collar press which allows the collar sections of a shirt to be pressed in shape.

[0006] A further objective is to achieve a fabrication method for the collar press

Description of the Invention

[0007] This and other advantages may be achieved by a collar press comprising a connecting section. The connecting section having a first end and an opposing second end, wherein a first clasp is arranged at the first end and a second clasp is arranged at the second end, and each of the first and second clasp has base end attached to the connecting section and an opposing open end. The connecting section has a shape whereby the first and second clasp is arranged with an angle A with respect to each other, and wherein the angle A is $180 - 10^\circ$, such as $20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, 130, 140, 150, 160, 170, 180^\circ$, whereby a collar press is achieved which allows the collar sections of a shirt to be pressed in shape and maintained in a desired position to each other as well as the collar may be prevented from wrinkling.

[0008] In some embodiments the collar press is provided "unfolded" i.e., where A is 180° and subsequently pressed into the desired form with a selected angle depending on e.g., type, shape, and size of collar.

[0009] In various embodiments the first and/or second clasp each comprises at least two arms arranged to hold and/or press the collar sections such as the collar points and/or collar band in shape and/or place.

[0010] The arms on each clasp may be arranged substantially in parallel with respect to each other.

[0011] The arms may be arranged with a distance d to each other. For example, d is 0.0 mm - 5 mm, such as 0.2, 0.3, 0.4, 0.5, 0.6, 0.7, 0.8, 0.9, 1, 1.5, 2, 2.5, 3, 4, 5, 7, 8, 9, 10, 10.5mm.

[0012] The arms may be arranged so that d between the arms on each clasp is smaller at the open end than at the base end. For example, the distance is 0.0, 0.1, 0.2, 0.3, 0.4, 0.5 or 0.6 mm at the open end and/or 0.7, 0.8, 0.9, 1, 1.5, 2, 2.5, 3, 4, 5, 7, 8, 9, 10, 10.5mm at the base end. Alternatively, the arms are equidistant.

[0013] In some embodiments at least one of the arms on the first and/or second clasp has a beveled section near the open end in order to make mounting of the collar press on to the shirt collar easier.

[0014] Alternatively, or in combination with the beveled section, at least one of the arms on the first and/or second clasp has a slanting section wherein the material thickness is smaller at one part such as a corner of the arm at the open end.

[0015] The first and/or second clasp may be substantially u-shaped.

[0016] The dimensions of the collar press may be adapted to fit the use, for example the fulllength L of the collar press is 250 mm. - 700 mm (preferably 550 mm $\pm 20\%$), and/or a width W of the arms and/or connecting section is 5 - 60 mm (preferably 35 mm $\pm 20\%$) and/or a thickness t is 0.5 - 7 mm (preferably 5 mm $\pm 20\%$), and/or the length of the arms are 5 - 50 mm.

[0017] The arms on each clasp are of the same length or the arms are not of the same length.

[0018] If the connecting section and/or at least part of the first and second clasps are of an elastic material, the collar press may be given the right form to keep a desired shape of the collar. The collar press may be made of all form-resistant, elastic and/or water-resistant materials such as plastic, wood, artificial materials, metal, etc.

[0019] In some embodiments, the collar press may be a moulded single piece collar press (monolith).

[0020] The present also relates to a method for pressing a collar, said method comprising the steps of:

- Providing a collar press;
- fastening a first clasp to a first section of a collar of a shirt, and
- fastening a second clasp to a second section of collar of a shirt.

[0021] Thereby keeping the first and second collar sections in place and keeping the shape of the collar of the shirt.

[0022] Optionally, a method wherein the collar is pressed after the shirt has been washed, preferably while the shirt is still at least damp. Preferably, the collar press is a collar press as described herein.

[0023] The present invention also relates to a garment with a collar, such as a shirt with the collar press as described herein.

[0024] The present also relates to a method of manu-

facturing the collar press wherein the collar press is injection moulded. The collar press may be made of a plastic material suitable for injection moulding. In a further aspect, the plastic material may comprise suitable reinforcement fibres.

Description of the Drawing

[0025]

Fig. 1 shows a top view of a collar press according to the present invention.

Fig. 2 shows a perspective view of a collar press according to the present invention.

Fig. 3 shows a side view of an un-folded collar press according to the present invention.

Detailed Description of the Invention

[0026] Fig. 1 shows a top view of a collar press according to the present invention comprising a connecting section 2, said connecting section having a first end 3 and an opposing second end 4, wherein a first clasp 5 is arranged at the first end and a second clasp 6 is arranged at the second end, and each of the first and second clasp has base end 7 attached to the connecting section and an opposing open end 8 wherein the connecting section has a non-straight shape whereby the first and second clasp is arranged with an angle A with respect to each other, and wherein the angle A is $180 - 10^\circ$. Each clasp is arranged with two arms 9,10.

[0027] Fig. 2 shows a perspective view of a collar press. Here it is seen that each arm has a beveled section 11, which is also slanting so that the material thickness at a first corner 12 of the beveled section is thinner than at a second corner 13 of the beveled section. In some embodiments the collar press only has a beveled section but not a slanting section or vice versa.

[0028] Fig. 3 shows a side view of an un-folded collar press according to the present invention i.e. a view where the connecting section is straight.

Items

[0029]

1. A collar press 1 comprising a connecting section 2, said connecting section having a first end 3 and an opposing second end 4, wherein a first clasp 5 is arranged at the first end and a second clasp 6 is arranged at the second end, and each of the first and second clasp has base end 7 attached to the connecting section and an opposing open end 8 wherein the connecting section has a shape whereby the first and second clasp is arranged with an angle A with respect to each other, and wherein the angle A is $180-10^\circ$.

2. The collar press 1 according to item 1, wherein the first and/or second clasp each comprises at least two pressing arms 9, 10.

3. The collar press 1 according to item 2, wherein the pressing arms on each clasp are arranged substantially in parallel with respect to each other.

4. The collar press 1 according to any of items 2 or 3, wherein the pressing arms are arranged with a distance d to each other, preferably with d being in the range of 0.1 mm - 3 mm.

5. The collar press 1 according to any of items 2 - 4 wherein d is smaller at the open end than at the base end.

6. The collar press 1 according to any of items 2 - 5, wherein at least one of the arms on the first and/or second clasp has a beveled section near the open end.

7. The collar press 1 according to any of items 2 - 6, wherein at least one of the arms on the first and/or second clasp has a slanting section.

8. The collar press 1 according to any of the preceding items, wherein the first and/or second clasp is substantially u-shaped.

9. The collar press 1 according to any of the preceding items, wherein the full length L of the collar press is 250 mm. - 700 mm, and/or a width W of the arms and/or connecting section is 5 - 60 mm and/or a thickness is 0.5 - 7 mm, and/or the length of the arms are 5 - 50 mm.

10. The collar press 1 according to any of items 2 - 9, wherein the arms on each clasp are not of the same length.

11. The collar press 1 according to any of the preceding items, wherein the connecting section and/or at least part of the first and second clasps are of an elastic material.

12. The collar press 1 according to any of the preceding items being a moulded single piece collar press (monolith).

13. A method of pressing a collar, said method comprising the steps of:

- providing a collar press;
- fastening a first clasp to a first section of a collar of a shirt, and
- fastening a second clasp to a second section of a collar of a shirt,

thereby keeping the first and second collar sections in place and keeping the shape of the collar of the shirt, optionally wherein the collar is pressed after the shirt has been washed, preferably while the shirt is still at least damp.

14. The method according to item 12 wherein collar press is a collar press according to items 1 - 12.

15. A method of manufacturing the collar press according to any one or more of items 1 - 12, wherein the collar press is injection moulded.

Claims

1. A collar press 1 comprising a connecting section 2, said connecting section having a first end 3 and an opposing second end 4, wherein a first clasp 5 is arranged at the first end and a second clasp 6 is arranged at the second end, and each of the first and second clasp has base end 7 attached to the connecting section and an opposing open end 8 wherein the connecting section has a shape whereby the first and second clasp is arranged with an angle A with respect to each other, and wherein the angle A is $180 - 10^\circ$. 20
2. The collar press 1 according to claim 1, wherein the first and/or second clasp each comprises at least two pressing arms 9, 10. 30
3. The collar press 1 according to claim 2, wherein the pressing arms on each clasp are arranged substantially in parallel with respect to each other. 35
4. The collar press 1 according to any one of claims 2 or 3, wherein the pressing arms are arranged with a distance d to each other, preferably with d being in the range of 0.1 mm - 3 mm. 40
5. The collar press 1 according to any one or more of claims 2 - 4 wherein d is smaller at the open end than at the base end. 45
6. The collar press 1 according to any one or more of claims 2 - 5, wherein at least one of the arms on the first and/or second clasp has a beveled section near the open end. 50
7. The collar press 1 according to any one or more of claims 2 - 6, wherein at least one of the arms on the first and/or second clasp has a slanting section.
8. The collar press 1 according to any one or more of the preceding claims, wherein the first and/or second clasp is substantially u-shaped. 55
9. The collar press 1 according to any one or more of the preceding claims, wherein the full length L of the collar press is 250 mm. - 700 mm, and/or a width W of the arms and/or connecting section is 5 - 60 mm and/or a thickness is 0.5 - 7 mm, and/or the length of the arms are 5 - 50 mm.
10. The collar press 1 according to any one or more of claims 2 - 9, wherein the arms on each clasp are not of the same length.
11. The collar press 1 according to any one or more of the preceding claims, wherein the connecting section and/or at least part of the first and second clasps are of an elastic material.
12. The collar press 1 according to any one or more of the preceding claims being a moulded single piece collar press.
13. A method of pressing a collar, said method comprising the steps of:
 - providing a collar press;
 - fastening a first clasp to a first section of a collar of a shirt, and
 - fastening a second clasp to a second section of a collar of a shirt,
 thereby keeping the first and second collar sections in place and keeping the shape of the collar of the shirt, optionally wherein the collar is pressed after the shirt has been washed, preferably while the shirt is still at least damp.
14. The method according to claim 12 wherein collar press is a collar press according to claims 1 - 12.
15. A method of manufacturing the collar press according to any one or more of claims 1 - 12, wherein the collar press is injection moulded.

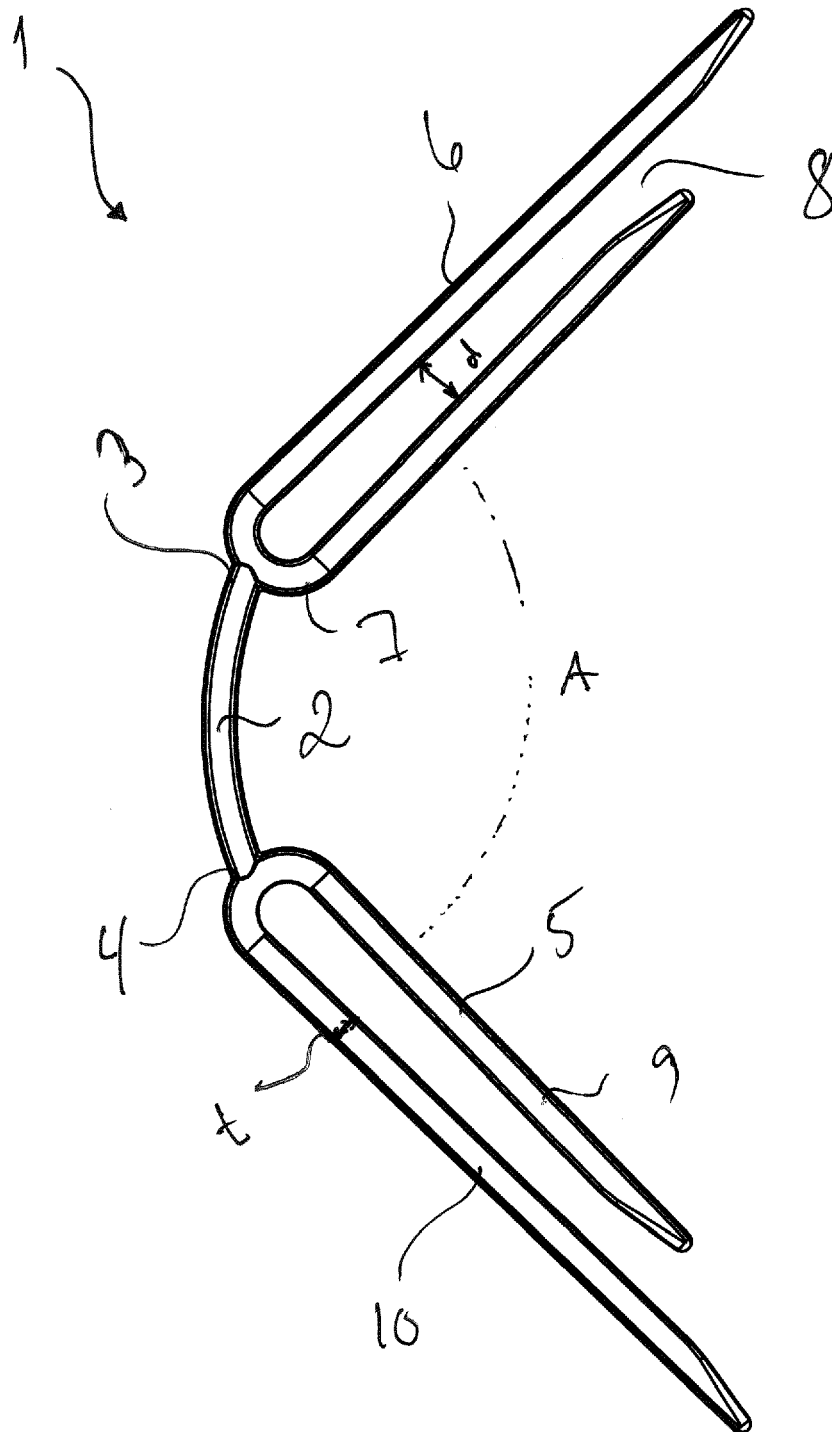


Fig 1

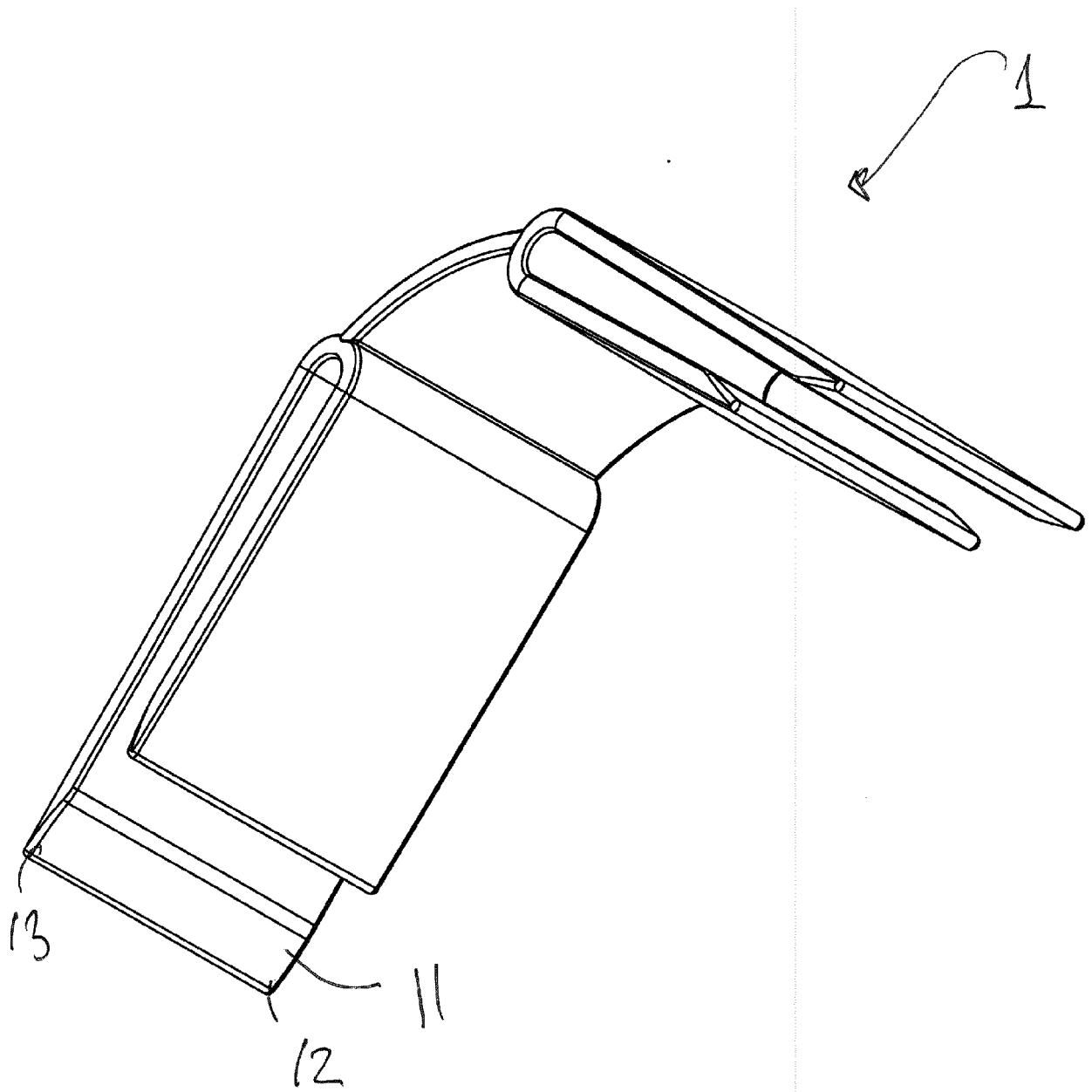


Fig. 2

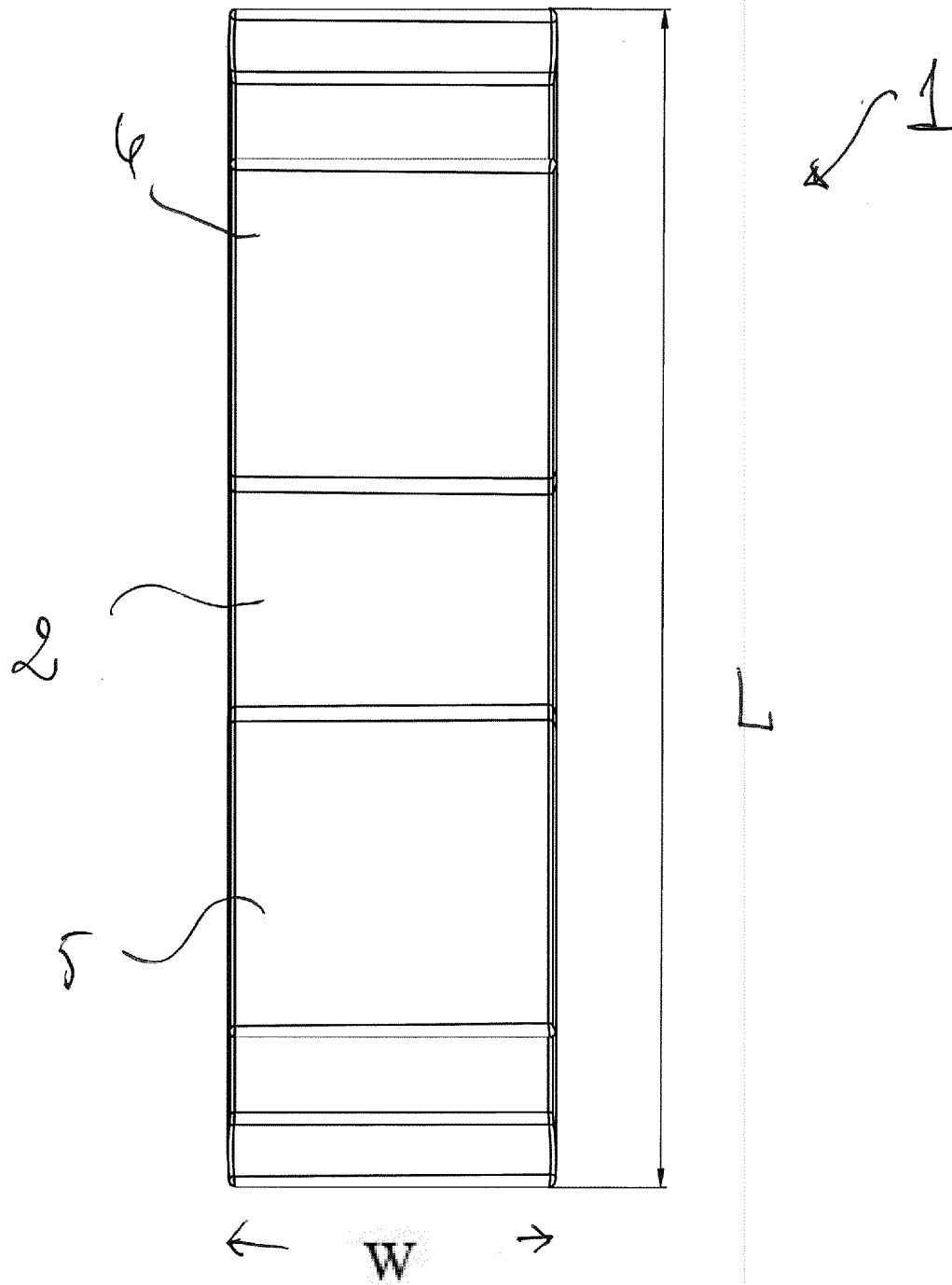


Fig. 3



EUROPEAN SEARCH REPORT

Application Number

EP 22 16 0210

DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	US 1 991 797 A (DRINKWATER JOHN A) 19 February 1935 (1935-02-19) * claim 2; figures 2, 6 *	1-15	INV. A44B3/00
X	US 2 164 831 A (ROBERT MOORE) 4 July 1939 (1939-07-04) * figure 3 *	1, 13	
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The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (IPC) A44B
Place of search The Hague		Date of completion of the search 4 August 2022	Examiner Krüger, Sophia
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			

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 22 16 0210

5 This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
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04-08-2022

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