(12) UK Patent Application (19) GB (11) 2 147 883 A

(43) Application published 22 May 1985

(21) Application No 8405182

(22) Date of filing 28 Feb 1984

(30) Priority data

(31) 21140 (32) 16 Mar 1983 (33) IT

(51) INT CL[4]
B65D 5/62

(52) Domestic classification
B8P S
U1S 1138 B8P

(56) Documents cited
GB 0979878
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EP 0003094
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US 3490583

(58) Field of search
B8P
B8D
B8C

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(54) **A stackable container for shirts and other articles comprising anti-slip means**

(57) A container 1 comprises walls having flat parallel surfaces constituted by layers of anti-slip paint and intended to come into contact with one another in a pile of such containers 1. The two surfaces which come into contact with one another in a pile are respectively provided with at least one projection 3 and one corresponding recess 4.

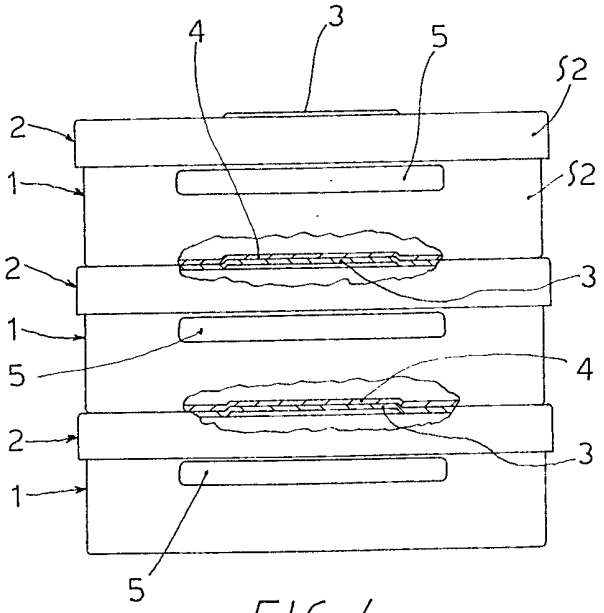

FIG. 4

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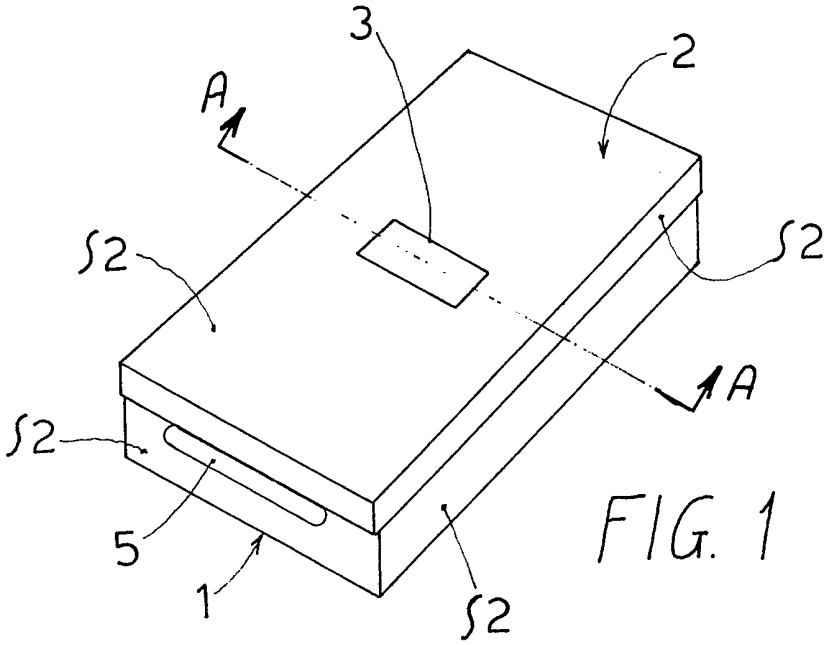
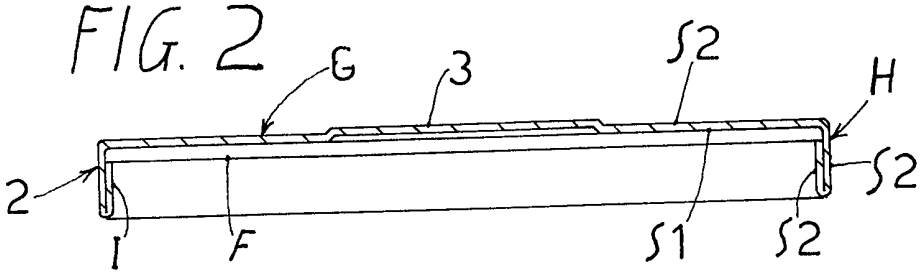


FIG. 1

FIG. 2



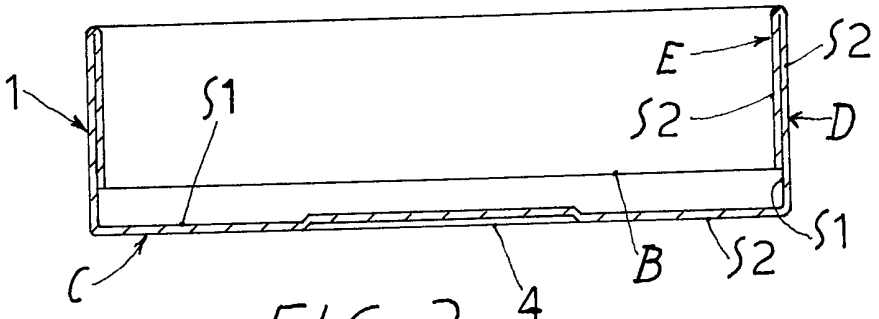


FIG. 3

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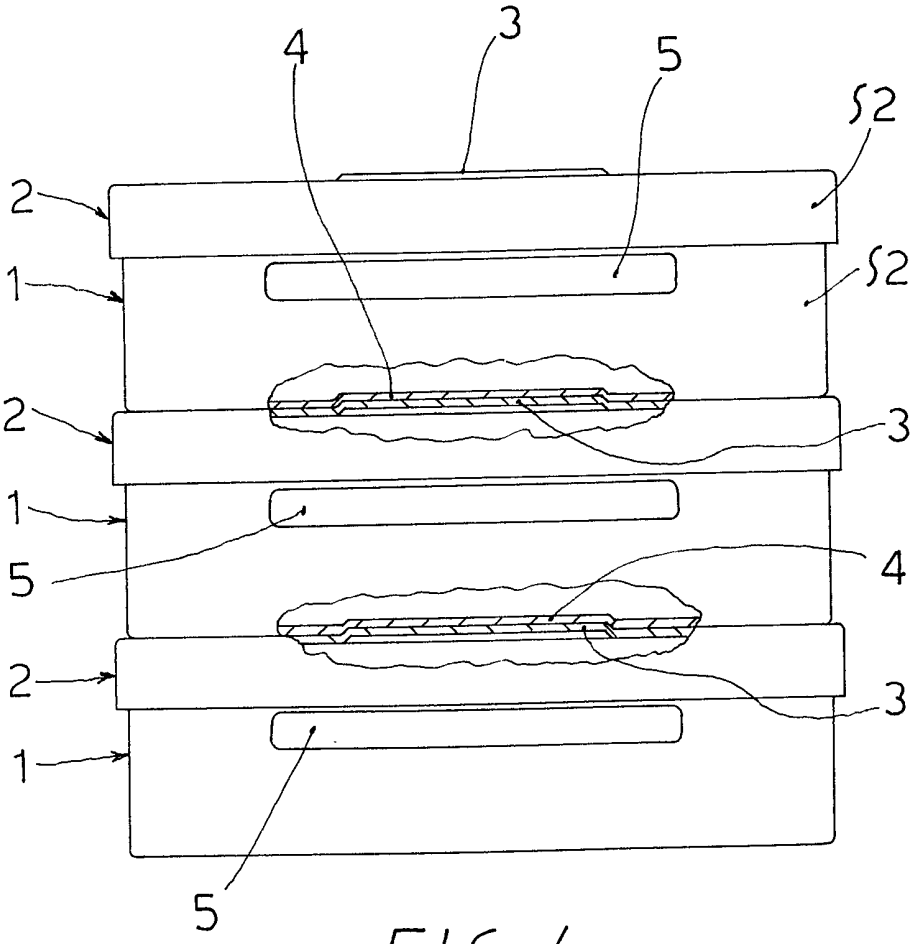

FIG. 4

SPECIFICATION

A container for shirts and other articles comprising anti-slip means for stabilising piles comprising such containers

This invention relates to a container particularly for shirts and other garments or articles.

It is an object of the present invention to provide such a container which, in addition to exhibiting an agreeable appearance, is of particular functionality also as to piling up. In other terms, the invention is directed to a container provided with anti-slip means so that, in a pile or stack of containers, any possibility of slippings between the containers is substantially avoided or minimized.

A container according to the present invention, comprising walls having flat parallel surfaces, enabling the superimposition of a plurality of containers to form a pile or stack, is essentially characterized in that said surfaces, intended to come in contact with one another in the pile or stack of containers, are made from layers of anti-slip paint applied on said walls, the two parallel surfaces of the container that in the pile come in contact with similar surfaces being respectively provided with at least one projection and one corresponding recess so that, in the pile or stack building up, said projections will nest in said recesses, whereby owing to said anti-slip paint and nestings of said projections in said corresponding recesses, any possibility of slippings between the containers in the pile or stack is highly minimized.

For a better illustration of these and further characteristics of a container according to the present invention and the advantages resulting therefrom, a box representing an exemplary embodiment of a container according to the invention will now be described with reference to the accompanying drawings, in which:

Figure 1 is a perspective view showing a box as completed with a cover;

Figure 2 is a sectional view on enlarged scale with respect to Figure 1 showing only the cover, the view being taken along a plane, such as that indicated with A-A in Figure 1;

Figure 3 is a sectional view also on enlarged scale with respect to Figure 1 taken along a plane such as that indicated with A-A in Figure 1, showing the actual box or container; and

Figure 4 is a view also on enlarged scale with respect to Figure 1, showing three boxes identical to that of Figure 1, as arranged on one another and partially cutaway.

A box as shown in the accompanying drawings comprises two parts, respectively denoted at 1 and 2.

The part 1 comprises the actual box or container, whereas part 2 comprises the cover. Each of said parts 1 and 2 comprise a rugged type of cardboard, particularly such a cardboard as that commonly referred to as "KRAFT" (for example, of 530-540 g).

Substantially, a cardboard as that used for the realization of said box, or body or container 1 and cover 2, is initially of white colour on one side, that is one of its two surfaces is white and smooth of a fine appearance, while the other part or opposite surface is of natural colour and raw appearance.

In a box according to the present invention, the cardboard surface opposite to the smooth white surface has applied thereon an anti-slip paint not only for conferring a desired agreeable colour thereto, but also for providing an anti-slip function, that is such as to remarkably reduce any possibility of slipping between the two surfaces, as provided with such a paint, when in contact with each other.

In the exemplary embodiment shown in the accompanying drawings, in the body or container 1 the surface S1 is white and smooth, or remains as it was initially in the above described cardboard, this surface S1 representing the box bottom, and accordingly such is also the surface, or surface section also denoted at S1, which is the inner side surface below the edge B.

In said body 1, the anti-slip paint is applied on the opposite surface of the cardboard, or there is a layer of said paint, designated by S2, on the outer lower surface C, as well as on the outer side surface D and inner surface E to the lower edge B. In the cover 2, the smooth white face of the cardboard is that comprising the upper inner surface, also designated at S1 as the bottom of part 1, whereby such is the appearance of the inner side surface of the cover 2 above the edge P.

On the other hand, the opposite surface of the cardboard is provided with a layer of said anti-slip paint, also designated by S2.

Therefore, such a layer S2 in said cover 2 appears on the outer upper surface G, outer side surface H and inner side surface I below the edge F.

The cover 2 comprises a riased portion 3 provided by suitable shaping of the cardboard, while said part 1 externally comprises in its lower wall a recess or seat 4, also provided by suitable shaping of the cardboard, of a shape and size corresponding to those of said raised portion 3, whereby the latter can enter said seat 4.

Finally, the box and particularly said part 1 comprises a window 5, generally closed by a transparent sheet, so that even without opening the box an observer can from the outside see the article contained in said box.

The above described box is particularly suitable and intented to contain shirts and other articles for men, women and children, as well as articles also of other kind.

The shirt, or other article, is inserted in said part 1 and the latter has the cover 2 slipped thereon to provide the closure.

As above pointed out, the cardboard used for making the box, that is said part 1 and cover 2, is a rugged cardboard, particularly of the so-called "KRAFT" type which, by way of unrestrictive example, may be of 530-540 g.

Still as above pointed out, such a cardboard is white on one side and of natural colour on the other side. In a box according to the present invention, that part which is natural and raw has been used, or providing that the box, both as to part or container 1 and cover 2, would remain white, thus obtaining the remarkable advantage for a purchaser opening the

manufacture or packing of an optical and hence an aesthetically very agreeable effect.

As to the box outside, the combination of such factors as nature of the cardboard surface, that is raw surface unlike the white surface, and paint of suitable colour applied thereon, has also provided a very agreeable appearance to a high degree, while being the whole relatively inexpensive.

Also the easiness as to mechanized closure and aesthetics should appreciated.

However, since such a raw surface of the cardboard is liable to some "slipping", the paint applied to the box according to the present invention, and comprising said layers S2 of part 1 and cover 2, is an anti-slip paint.

In other terms, as far as the box outside is concerned, the above mentioned benefit has been obtained, that is an agreeable apperance through the combination of the raw cardboard surface with suitable paint, while avoiding the disadvantage of "slipping" that per se a raw fiber would cause.

Therefore, when a plurality of boxes are piled up, for example as shown in Figure 4, substantially no slipping would occur between one and another box.

In addition to the effect obtained by the anti-slip paint, any possible slipping is further minimized by the insertion or nesting of said cover projections 3 in said recesses or seats 4 in the lower walls of the boxes piled up on one another, as shown in Figure 4. Particularly, this is very important for stocking both in manufacturer store and in purchaser store. The manufacturs or packings could inter alia not be stored in stands with high savings in spaces.

Thus, the advantage is also obtained that a user may directly visualize the article or product without any practical problem, as the piles or stacks are substantially not liable to fall down. Both the surface of the raised part 3 and that of recess or seat 4 can advantageously have advertising writings and/or figures thereon.

CLAIMS

1. A container for garments, particularly shirts and other articles, comprising walls with flat parallel surfaces for superimposition of a plurality of containers for buidling up a pile or stack, characterized in that said surfaces, intended to come in contact with one another in the container pile or stack, are made from layers of anti-slip paint as applied to said walls, the two parallel surfaces of the container that in the pile or stack come in contact with similar surfaces being respectively provided with at least one projection and one corresponding recess or seat, so that in said pile or stack building up said projections will nest in said recesses or seats, whereby owing to said anti-slip paint and nestings of said projections in said corresponding recesses or seats, any possible slipping between the containers in a pile or stack is highly minimized.

2. A container according to Claim 1, including two parts respectively making up the actual container for receiving the articles and cover insertable thereon, characterized in that each of said parts comprise a rugged type of cardboard comprising a smooth white face and on the initially raw opposite face provided with a layer of said anti-slip paint, the outer surface of each said two parts of the container comprising said layer or film of anti-slip paint, while said smooth white face is visible from outside.

3. A container according to Claim 2, characterized in that said two parts (1 and 2) respectively comprise a recess (4) and a projection (3), so that in building up a container pile, said projections (3) are nested in said corresponding recesses (4), which projections (3) and recesses (4) can carry advertising writings and/or figures thereon.

4. A container according to the preceding claims, the whole substantially as described and shown and for the specified objects.

Printed in the UK for HMSO, D8818935, 3/85, 7102.
Published by The Patent Office, 25 Southampton Buildings, London, WC2A 1AY, from which copies may be obtained.