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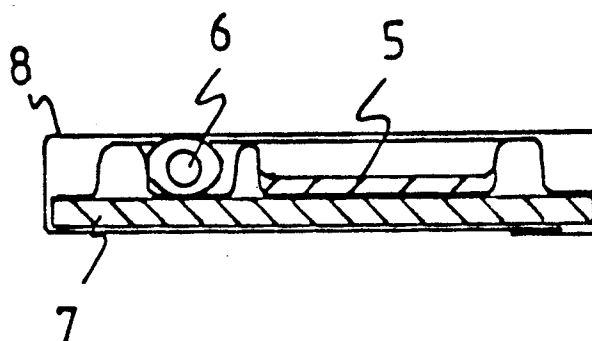
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⑤④ **Packing for eye make-up and a method of producing the packing.**

⑤⑦ Packing for eye-make-up and a method of producing the packing which method exists of producing the packing by means of the deep-drawing technique. With the aid of a pattern a large number of the model of the boxes (1) are formed in a sheet of deep-drawing plastics film (2), whereupon the bottom face of the deep-drawn film (2) is fastened on a strong base 7 for example cardboard. The eye make-up material can be disposed before or after the boxes are cut out of the deep-drawn film (2), in one or more recesses (3) formed in the deep-drawing plastics film (2). Also in the deep-drawn film (2) additional recesses (4) can be formed at the time the boxes are formed, which recesses can be used for a spatula of stick 6 to put the make-up on a persons face. Also a recess can be formed in which can be fastened by means of glue a small mirror.



Packing for eye make-up and a method of producing the packing.

The invention relates to a method of producing a packing for products such as eye make-up and to a box or packing for eye make-up.

Products, such as eye make-up, which are marketed in a plurality of colours are known. These eye make-up products are known as eye shadow or kohl and consist of mixtures of powders which may also contain a binder and are usually compressed in preshaped trays of metal or plastics material. After being filled with compressed eye make-up powder, these preshaped trays are then fastened, for example clamped or glued, in the actual packing consisting of a more or less decorative box or stylish packing.

The object of the invention is a packing for eye make-up, such as eye shadow or kohl, which is very inexpensive to produce but is nevertheless extremely attractive in appearance.

This aim of the invention is achieved by means of a method of producing the packing by which a large number of moulds are formed by the deep-drawing technique, with the aid of a pattern, from a sheet of deep-drawing plastics film, these moulds corresponding to the model of a box of the desired shape, whereupon the bottom face of the deep-drawn film is fastened on a strong base, for example strong cardboard, and thereupon the boxes are for example stamped or cut out to the desired size from the resulting plate consisting of the strong base with the deep-drawn film affixed to it. By this method it is possible to produce a strong packing of the desired shape very simply and inexpensively.

The method preferably consists in that after the deep-drawn film has been fastened on the strong base, the eye make-up product is disposed of fastened in the position intended for it, for example in a recess, and that the boxes are only then stamped out to the desired size from the plate. This means that a large number of boxes, which will then consist of the deep-drawn plastics film can very quickly be filled with the eye make-up product, since all the boxes are still lying fixed to one another and all can have exactly the same spacing in the plastics film. The eye make-up product can be introduced into the packing extremely

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simply and inexpensively if it is first brought into liquid form, for example by mixing it with or dissolving it in a liquid such as water, alcohol, or the like, thereupon pouring the mixture of solution into the desired places, and then waiting for the mixture of solution to set, for example through the evaporation or elimination of the liquid in some other way, or at least waiting for a part of it to be eliminated.

During the deep-drawing additional recesses, such as grooves, may be formed, which can be used for example for a spatula or applicator - in the simplest form a stick provided with a tip of foam plastics material, a sort of small powder stick.

Also another additional recess may be formed in which a small mirror can be fastened for example glued.

Near its lower face the box may also in a very simple manner be provided with a small mirror, the mirror side facing the packing, and the mirror being fastened with the aid of adhesive tape, for example, to one side of the box, so that it can pivot. After the boxes have been filled with eye make-up powder and optionally with a powder applicator, a mirror or other accessories, the whole arrangement can be inserted into a casing, for example a transparent casing of a plastics material.

The invention will be further explained with reference to the drawings, in which:

Figure 1

shows a part of a deep-drawn sheet of plastics film provided with the box moulds according to the invention.

Figure 2

is a cross-section of a box according to the invention.

Figure 3

is a cross-section through the box shown in figure 2, taken in a direction at right angles to the latter.

Figure 1 shows the rear side of the box moulds 1, as these are deep-drawn in a sheet of plastics film 2.

The box moulds themselves are pressed downwards, while the recesses 3,

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4 serving to receive the eye make-up powder 5 and spatula of powder stick 6 lie higher in the sheet.

In another embodiment of the box according to the invention an additional recess serves to receive a small mirror which can be fastened in it. All forms of boxes are preferably regularly spaced apart; this facilitates the filling of the resulting trays with eye make-up powder.

Figures 2 and 3 show the boxes after they have been stuck or otherwise fastened on a strong base 7, such as a strong sheet of cardboard or a sheet of plastics material of the like, stamped out, and thereupon inserted into a casing 8.

A box produced in accordance with one of the methods of the invention is particularly strong and is therefore very suitable for receiving eye-make-up powder, which may be a compressed tablet or, in accordance with the invention, a tablet formed by first dissolving the eye make-up powder and then allowing it to dry. A tablet of eye make-up powder is in fact usually very brittle and could therefore very easily become detached from the packet after being partly broken.

CLAIMS

1. Method of producing a packing for products such as eye make-up, characterized in, that a large number of moulds are formed by the deep-drawing technique, with the aid of a pattern, from a sheet of deep-drawing plastics film (2), these moulds corresponding to the model of a box (1) of the desired shape, whereupon the bottom face of the deep-drawn fil is fastened on a strong base (7), for example strong cardboard or plastics material, and thereupon the shaped boxes (1) are for example stamped or cut out to the desired size from the resulting plate of deep-drawn film (2) affixed to a strong base (7).
2. Method according to claim 1, characterized in, that after the deep-drawn film (2) has been fastened on the strong base (7) the eye make-up product is disposed or fastened in the position intended for it, for example in a recess (3) in the shaped box, and that the boxes are only then stamped out to the desired size from the plate.
3. Method according to one of the preceding claims, characterized in, that the eye make-up product is first brought into liquid form, for example by mixing with or dissolving it in a liquid such as water, alcohol or the like, before being introduced into the boxes, that the mixture or solution is then poured into the desired place, thereupon the mixture or solution is allowed to set, for example by evaporating the liquid of otherwise completely or partially eliminating it.
4. Box produced by a method according to one of the preceding claims, characterized in that in addition to the recesses (3) for the eye make-up a recess (4) is also provided for a powder stick, and/or for a small mirror.
5. Box according to claim 4, characterized in, that the box is provided near its lower face with a small mirror side facing the packing, the mirror itself being fastened pivotally to the box, for example with the aid of adhesive tape.
6. Packing for eye make-up, consisting of a box according to one of claims 4 or 5, characterized in, that the box inserted into a casing (8),

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for example of transparent plastics material.

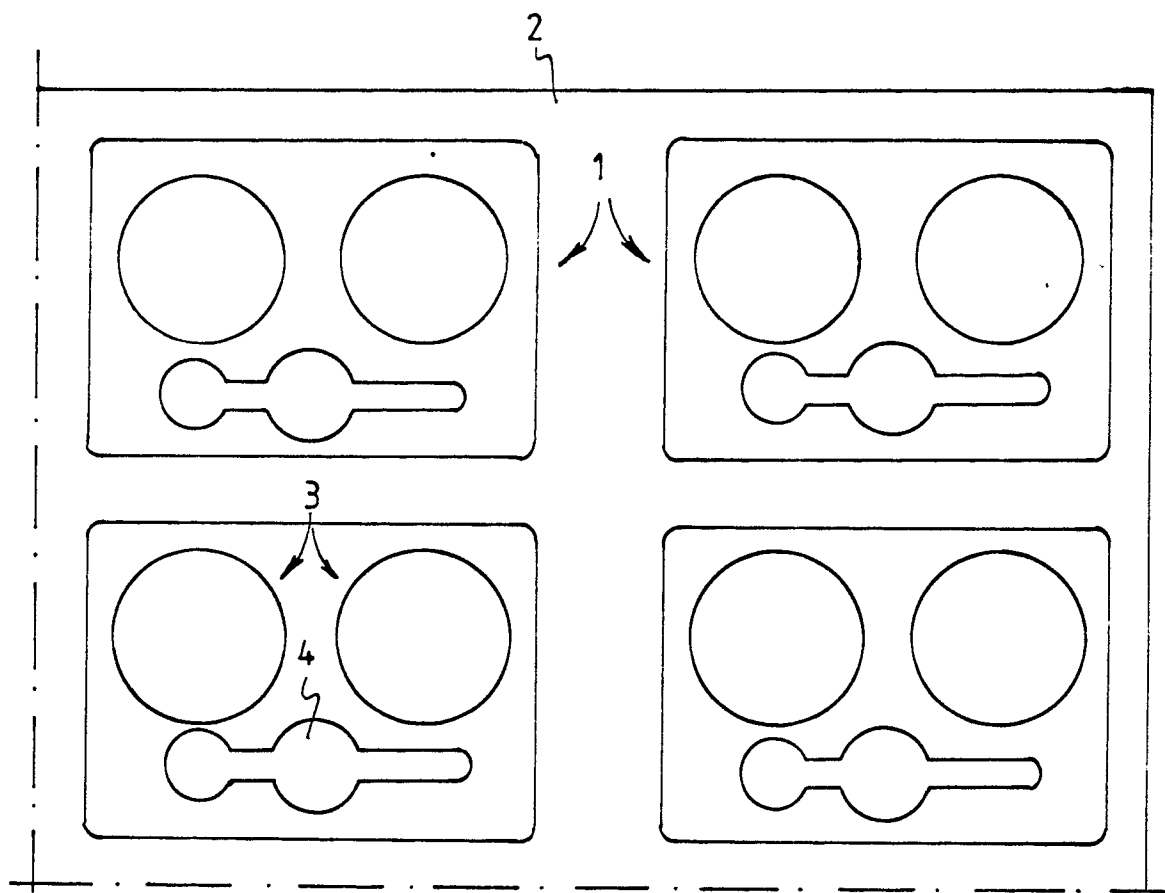


Fig: 1

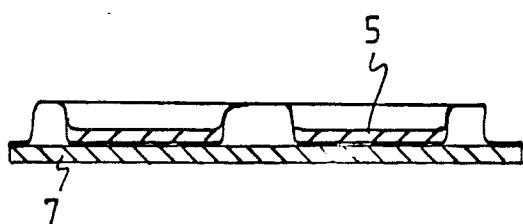


Fig: 2

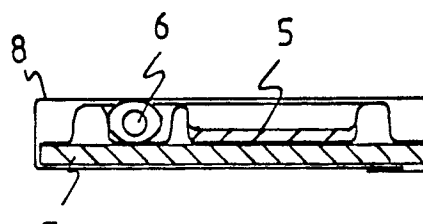


Fig. 3



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 4)
Y	US-A-1 767 567 (L. WEIL) * Page 1, line 70 - page 2, line 45; figures *	1	B 65 B 47/06 B 65 B 3/02 A 45 D 40/00
A	---	4, 5	
Y	FR-A-2 490 594 (SAINT-GOBAIN) * Page 4, line 32 - page 5, line 13; figures *	1	
A	---	2	
A	DE-A-2 515 016 (UNIONPACK) * Page 8, line 5 - page 11, line 4; figures *	3	
A	---	6	
A	FR-A- 953 195 (COLGATE) * Page 2, lines 23-43; figures *		TECHNICAL FIELDS SEARCHED (Int. Cl. 4)
A	---		B 65 B B 65 D A 45 D
A	US-A-2 534 100 (J. BAUMGARTNER) * Column 2, lines 3-34; figure 1 * -----		
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 04-09-1986	Examiner JAGUSIAK A.H.G.
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			