

(19)



Europäisches Patentamt  
European Patent Office  
Office européen des brevets

(11) Publication number:

**0 372 215**  
**A1**

(12)

# EUROPEAN PATENT APPLICATION

(21) Application number: 89120106.3

(51) Int. Cl.<sup>5</sup>: **B65D 75/68, B65D 73/00,**  
**B65D 75/54, G09F 3/02,**  
**G09F 3/18**

(22) Date of filing: 30.10.89

(30) Priority: 04.11.88 IT 2250188

(43) Date of publication of application:  
13.06.90 Bulletin 90/24

(84) Designated Contracting States:  
**AT BE CH DE ES FR GB GR IT LI LU NL SE**

(71) Applicant: **AVERY ETICHETTE ITALIA S.P.A.**  
**Viale delle Industrie, 53**  
**I-20037 Paderno Dugnano (Milano)(IT)**

(72) Inventor: **Losco, Lucio**  
**Viale Monza, 151**  
**I-20125 Milano(IT)**

(74) Representative: **Riccardi, Sergio**  
**Riccardi & Co. Via Macedonio Melloni, 32**  
**I-20129 Milano(IT)**

(54) **Glued Hermetically sealed envelope with opening device.**

(57) This invention relates to a glued hermetically sealed envelope (1) provided with an opening device (10), to be used for the distribution of paper materials for didactic, informational, advertising, promotional and similar purposes, either as single units or in continuous folded form. In practice, it is an envelope which can be applied to any type of commercial glass, plastic or paper container, either manually or automatically, using permanent or removeable adhesive, consisting of a tape-shaped element glued on to the envelope itself.

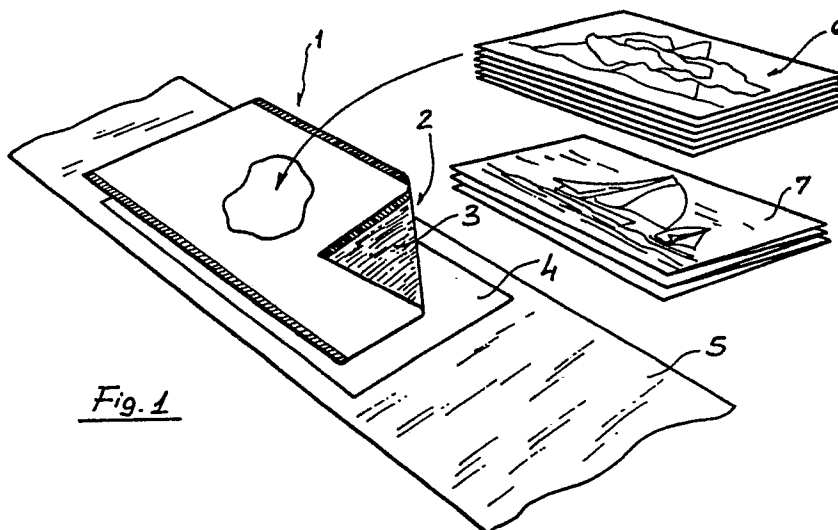


Fig. 1

## GLUED HERMETICALLY SEALED ENVELOPE WITH OPENING DEVICE

This invention relates to a hermetically sealed envelope provided with an opening device, suitable for use as a container for single sheets, folders or leaflets, to be used for teaching, informational and promotional purposes applied manually or automatically to all types of glass, plastic or paper commercial containers.

It is well-known that many commercial products packed in containers of various shapes and types are used as vehicles for the mass distribution of various things and elements for the purposes mentioned above.

The most popular use consists of paper envelopes containing collections of didactic figures or information and promotional brochures.

However, these envelopes are almost always open on one or even two sides to allow the contents to be easily removed and are mainly applied by gluing on manually.

The object of this invention is to create a hermetically sealed envelope, provided with permanent or removable glue, which can be applied by automatic machines and provided with a tear-off opening in the form of a perimetral thread embedded under the external closing sheet.

This thread can be the same length as one side of the envelope or as long as 2 or 3 sides of the envelope and is provided with a small visible element acting as a tab which can be pulled.

This envelope is provided with adhesive by being coupled to a tape-shaped adhesive element which in turn also allows it to be coupled to the siliconised tape for transporting on continuous automatic machines used for the application of envelopes to commercial containers.

These and other special characteristics of this invention are more clearly demonstrated in the following detailed description, provided purely as an example and without limitations to the scope of the invention, and with the aid of the various figures in the attached illustrative drawings, in which:

Figure 1 shows an exploded perspective view of an embodiment of this invention, showing the adhesive element applied to the envelope and two examples of possible contents;

Figure 2 shows a perspective view of a series of envelopes applied to the continuous siliconised tape which permits them to be transported and applied to various containers;

Figure 3 shows a perspective view of two different containers, purely as an example, on which two envelopes produced according to this invention have been applied;

Figure 4 shows a front view of an envelope provided with a tear-open thread applied on one of

the sides, according to this invention; and

Figure 5 shows a front view of an envelope provided with a tear-open thread embedded in two of the sides.

Referring to figures 1 and 2, this invention comprises in practice a hermetically sealed paper envelope, the reverse side of the envelope 2 is covered with permanent glue 3 so that it can be coupled to the adhesived plate-shaped element 4 which is below it.

This element is then made to adhere to the continuous siliconised tape 5 so that the said envelopes can be applied by automatic machines.

The envelopes 1 can be filled with illustrative elements 6 for didactic or informational purposes or with promotional and advertising leaflets 7.

As shown in Figure 3, the envelopes in question can be applied to containers of various shapes by means of the adhesive support 4, for example on bottles 8 or rectangular boxes 9, made from different materials.

Referring to figures 4 and 5, the envelopes 1 in question can be provided with a thread 10 embedded under the first frontal support, leaving visible a tab 11, which can be grasped, thus permitting the envelope to be torn open without tearing it off the container.

This thread 10 can be located on only one side of the envelope or on two or more sides, according to need and as a function of the contents which have to be removed.

As can be seen from the drawings, the envelopes have a series of knurls 12 on the two longer sides, like those already on the market, in order to permit them to engage with the transportation and application rollers existing on automatic machines provided with a continuous feed belt.

Finally, it must be emphasised that the present embodiment does not limit the scope of this invention and it must be understood that numerous modifications, variations, additions or replacements of elements can be made to the present invention without altering either its spirit or object and still remaining within its scope of protection as defined in the claims attached hereto.

### Claims

1. Glued hermetically sealed envelope with opening device, characterised by the fact that it basically consists of a real envelope closed on all sides to which is applied, by permanent gluing, a support glued on with permanent or removable glue making possible application to any commer-

cial container as a distribution vehicle for informational, didactic, promotional and advertising purposes.

2. Envelope according to claim 1, characterised by the fact that the said envelope is also provided with a tear-open device consisting of a thread embedded under the first closing sheet of the envelope itself. 5

3. Envelope according to claim 2, characterised by the fact that the said tear-open thread can be located along one or more of the sides of the envelope, according to the contents of the envelope. 10

4. Envelope according to claim 1, characterised by the fact that the glued support permits these envelopes to be applied by automatic machines which require the prior arrangement of the envelopes in series on a continuous support of siliconised paper. 15

5. Glued hermetically sealed envelope with opening device as described above and shown in the various figures of the illustrative drawings attached hereto, for the purposes specified above. 20

25

30

35

40

45

50

55

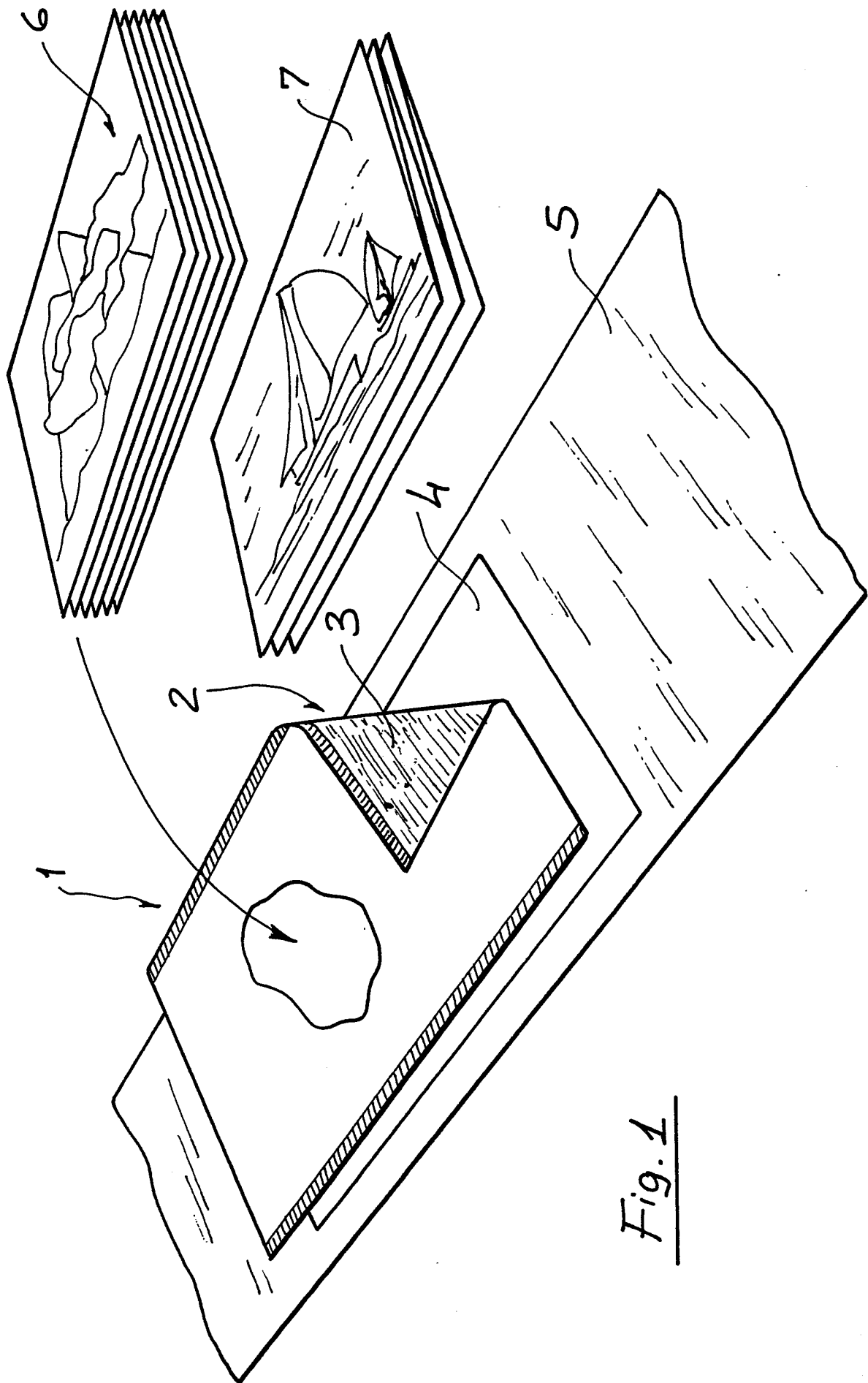
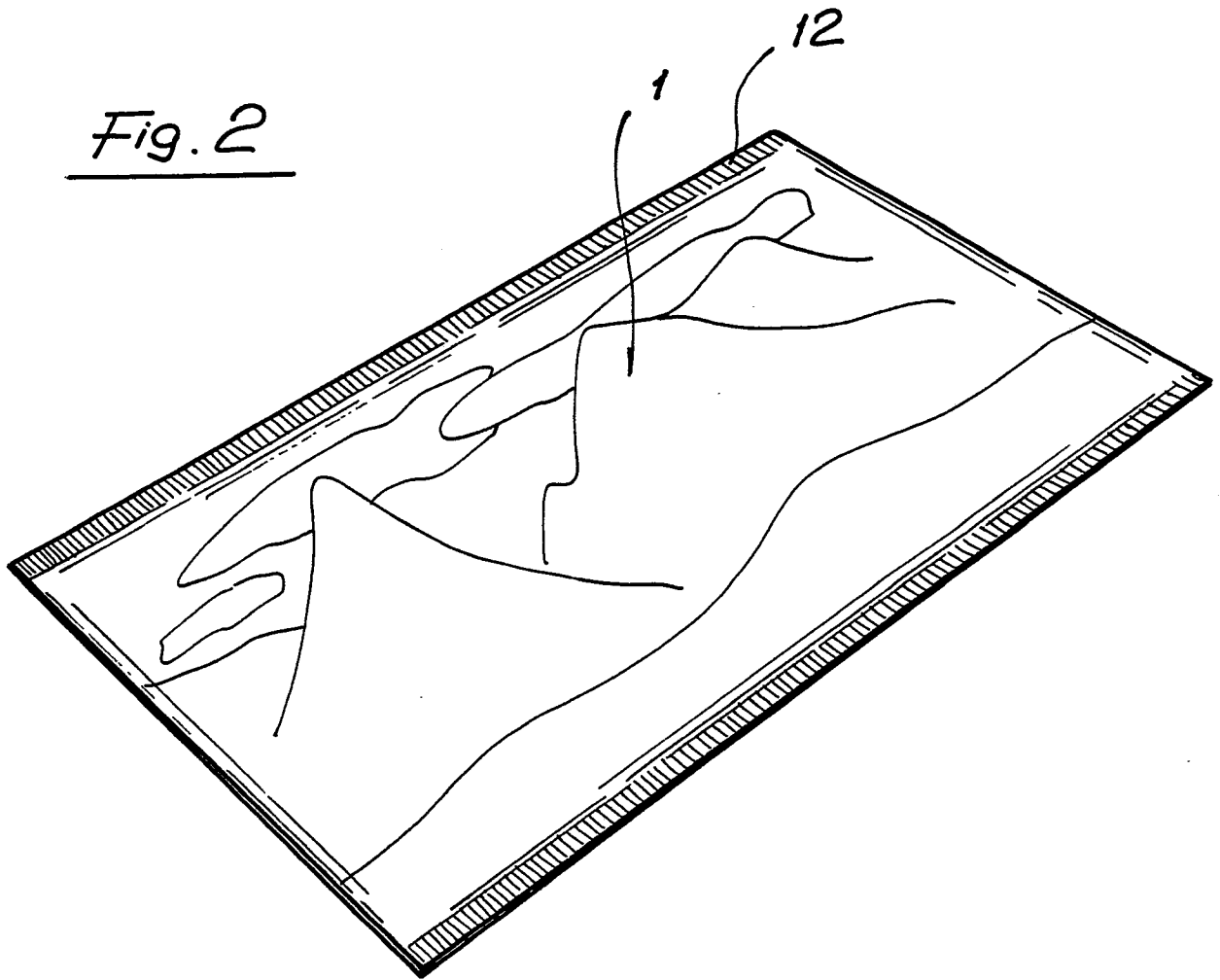


Fig. 1

Fig. 2



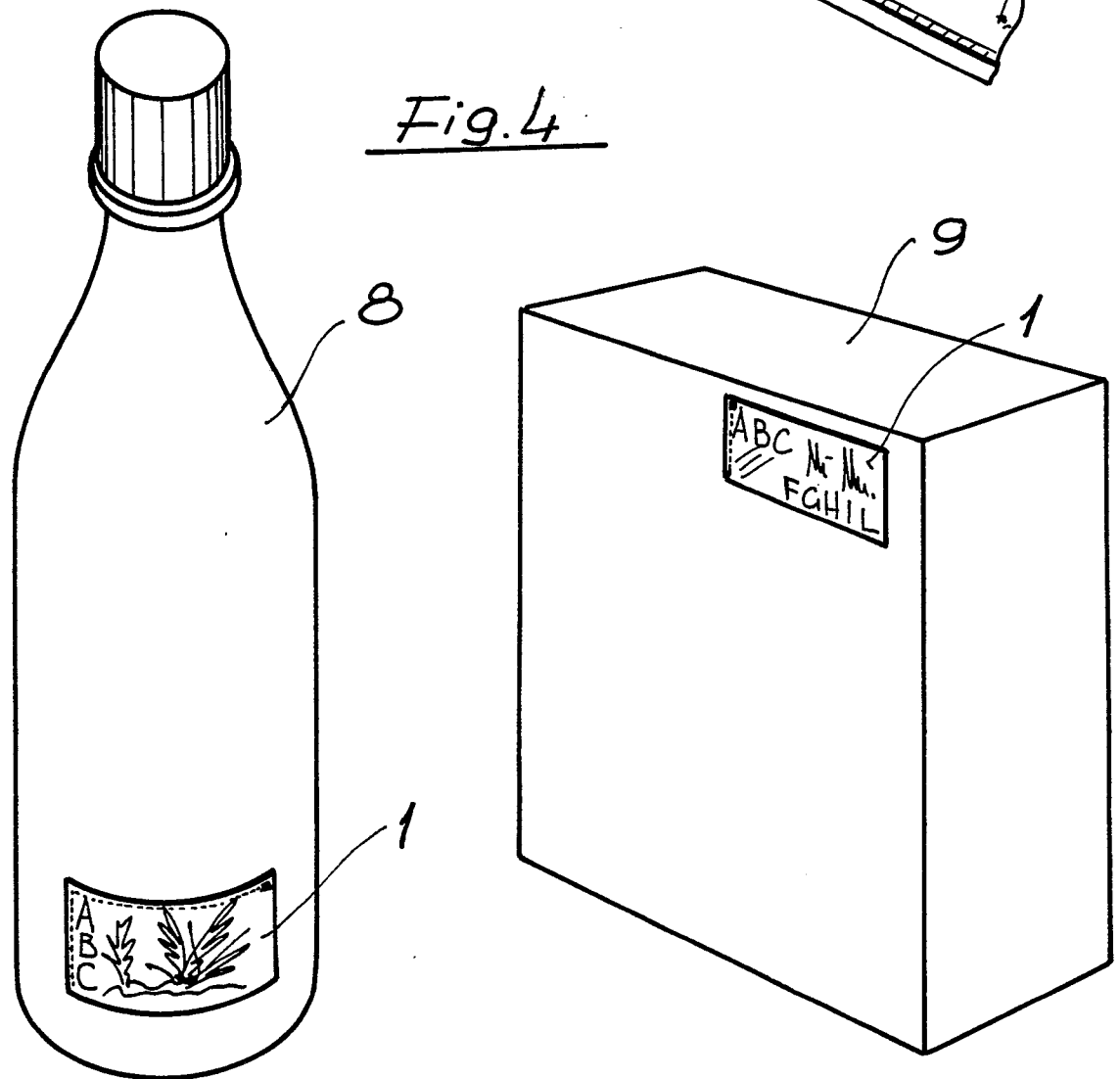
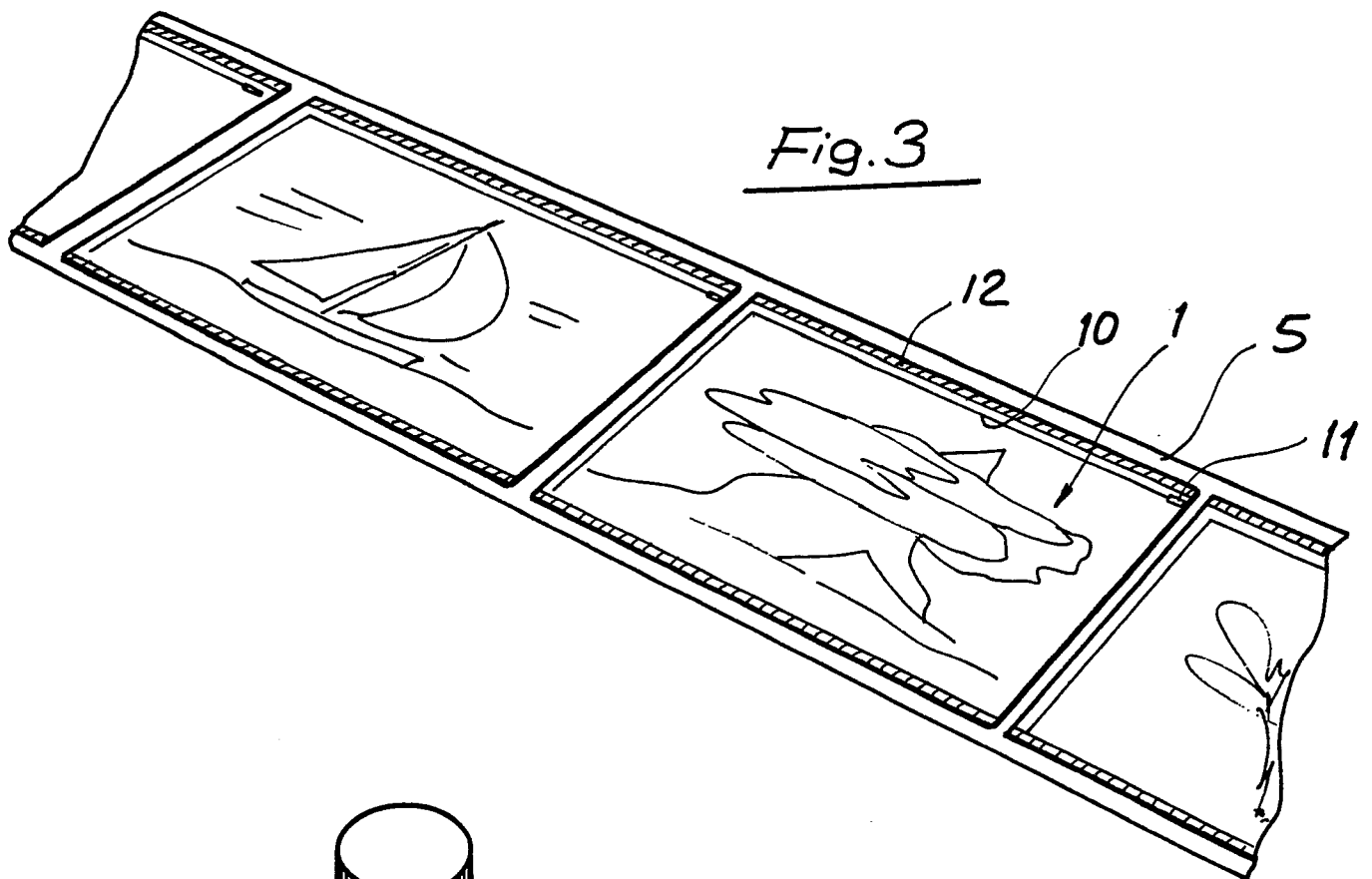


Fig. 5

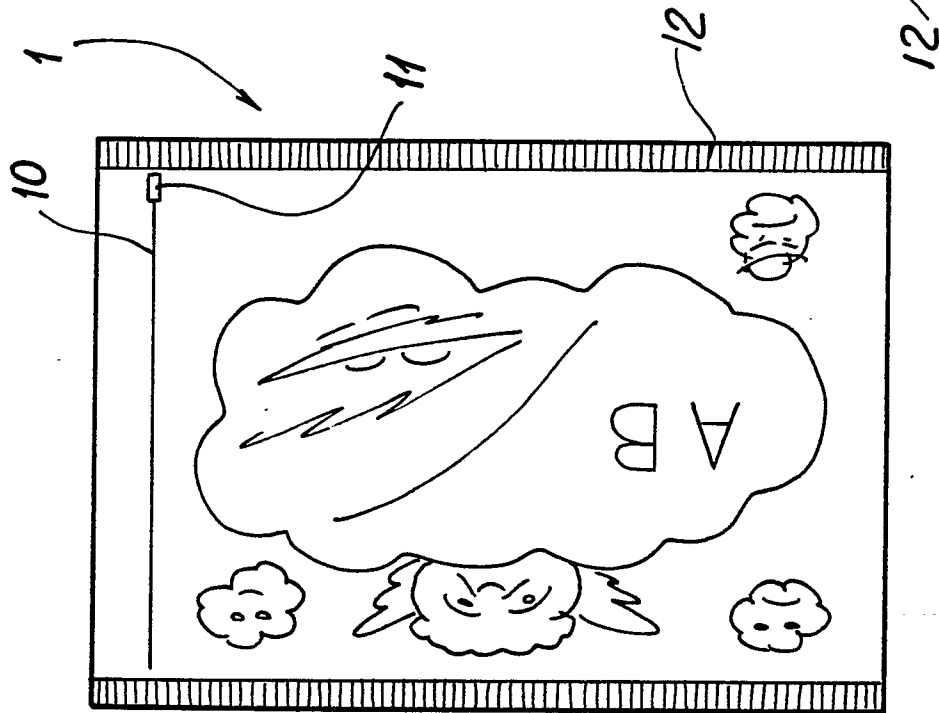
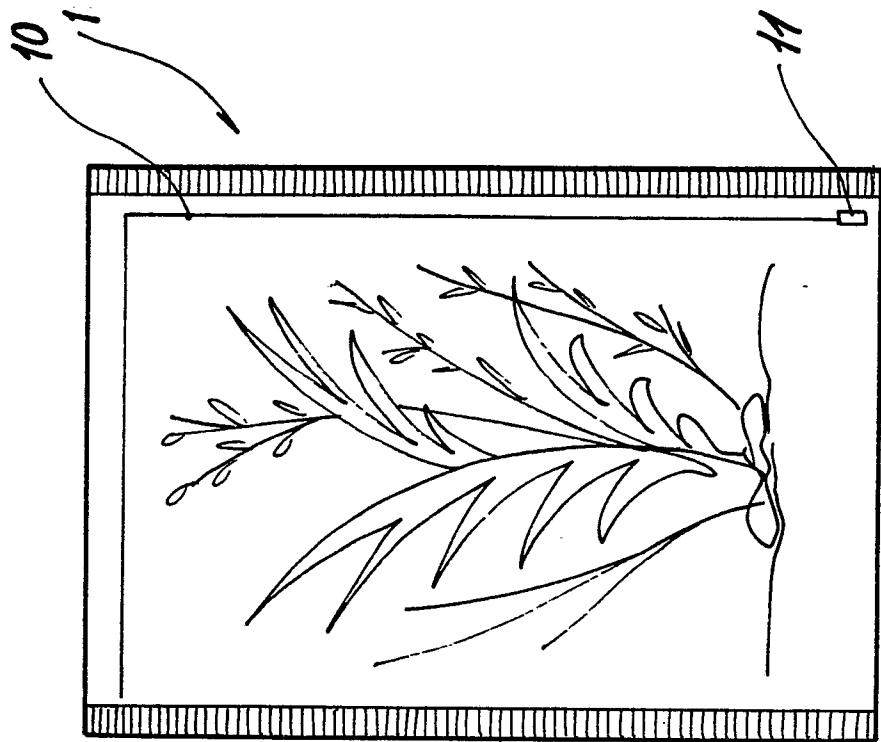


Fig. 6





European Patent  
Office

**PARTIAL EUROPEAN SEARCH REPORT**  
which under Rule 45 of the European Patent Convention  
shall be considered, for the purposes of subsequent  
proceedings, as the European search report

Application number  
**EP 89 12 0106**

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	GB-A 2 172 545 (KANARI TANI) * Page 1, lines 68-79,89-94,111-114; figures 1,2 *	1-4	B 65 D 75/68 B 65 D 73/00 B 65 D 75/54 G 09 F 3/02 G 09 F 3/18
	--		
Y	US-A-3 575 788 (FUNK et al.) * Column 1, lines 41-60; Column 2, lines 1-3 *	1-4	
	--		
A	US-A-2 964 866 (CHAMBERLIN)	1	
	--		
A	FR-A-1 320 671 (PELISSON) * The whole document *	1-3	
	--		
A	US-A-3 295 746 (DUNCAN)		
	----		
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			B 65 D G 09 F
<b>INCOMPLETE SEARCH</b>			
<p>The Search Division considers that the present European patent application does not comply with the provisions of the European Patent Convention to such an extent that it is not possible to carry out a meaningful search into the state of the art on the basis of some of the claims.</p> <p>Claims searched completely: 1-4</p> <p>Claims searched incompletely: 1</p> <p>Claims not searched: 5</p> <p>Reason for the limitation of the search:</p> <p>Claim 5 is inadmissible under E.P.C. Art. 29(6)</p>			
Place of search <b>THE HAGUE</b>		Date of completion of the search <b>12-02-1990</b>	Examiner <b>LEONG</b>
<b>CATEGORY OF CITED DOCUMENTS</b> 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	