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Form 8

**DECLARATION IN SUPPORT OF A CONVENTION
APPLICATION FOR A PATENT**

In support of the Convention application made for a patent for an invention entitled:

PACKAGE FOR SMALL PARTS

I, **FRIEDRICH-WILHELM BRAUCKMANN**

of **Am Ramsberg 102, D-5800 Lüdenscheid, GERMANY**

do solemnly and sincerely declare as follows:

1. I am authorized by **BRAUCKMANN & PRÖBSTING GmbH & CO. KG.**, the applicant for the patent to make this declaration on its behalf.

2. The basic application as defined by section 141 of the Act was made in **GERMANY** on the 2nd day of September, 1988, by **BRAUCKMANN & PRÖBSTING GmbH & CO. KG.**

3. **FRIEDRICH-WILHELM BRAUCKMANN** of Am Ramsberg 102, D-5800 Lüdenscheid, Germany

is the actual inventor of the invention and the facts upon which the applicant is entitled to make the application are as follows:

The Applicant is the Assignee of the Inventor by Deed of Assignment dated 30th August 1988

4. The basic application referred to in paragraph 2 of this Declaration was the first application made in a Convention country in respect of the invention the subject of the application.

Declared at **Lüdenscheid** this **15th** day of **March** **1991**


(Signature of Declarant)

TO:
THE COMMISSIONER OF PATENTS

(12) PATENT ABRIDGMENT (11) Document No. AU-B-40685/89
(19) AUSTRALIAN PATENT OFFICE (10) Acceptance No. 625291

(54) Title
PACKAGE FOR SMALL PARTS

International Patent Classification(s)
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(56) Prior Art Documents
US 4619364
US 4499353

(57) Claim

1. A self-service package for small items, for example hardware, tools, and handicraft items, consisting of
 - a tub-like bottom part and a tub-like lid part, in which the lid part and the bottom part can be pushed together with their respective mouths facing each other and the side walls of the lid part fit over the side walls of the bottom part; and also consisting of
 - an adhesive label stuck onto the lid part;wherein there is a cut-out window (5) in at least one wall of the lid part (2), particularly a side wall (3) thereof, and the adhesive label (6) can be stuck onto one of the walls, particularly a side wall (3), so as to cover this cut-out area, and
wherein there are also wall parts of the bottom part (1), beneath the cut-out window (5), which parts of the adhesive layer of the adhesive label (6) stick to when the package is closed.

OPI DATE 02/04/90

APPLN. ID

40685 / 89

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AOJP DATE 10/05/90

PCT NUMBER PCT/DE89/00558

INTERNATIONALE ANMELDUNG VERÖFFENTLICHT NACH DEM VERTRAG ÜBER DIE
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(51) Internationale Patentklassifikation 5 :

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denscheid (DE).(74) Anwälte: KÖCHLING, Conrad usw. ; Fleyer Str. 135, D-
5800 Hagen I (DE).(81) Bestimmungsstaaten: AT, AT (europäisches Patent), AU,
BB, BE (europäisches Patent), BF (OAPI Patent), BG,
BJ (OAPI Patent), BR, CF (OAPI Patent), CG (OAPI
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tent), DE, DE (europäisches Patent), DK, FI, FR (euro-
päisches Patent), GA (OAPI Patent), GB, GB (europäi-
sches Patent), HU, IT (europäisches Patent), JP, KP,
KR, LK, LU, LU (europäisches Patent), MC, MG, ML
(OAPI Patent), MR (OAPI Patent), MW, NL, NL (euro-
päisches Patent), NO, RO, SD, SE, SE (europäisches Pa-
tent), SN (OAPI Patent), SU, TD (OAPI Patent), TG
(OAPI Patent), US.

Veröffentlicht

Mit internationalem Recherchenbericht.

(54) Title: PACKAGE FOR SMALL PARTS

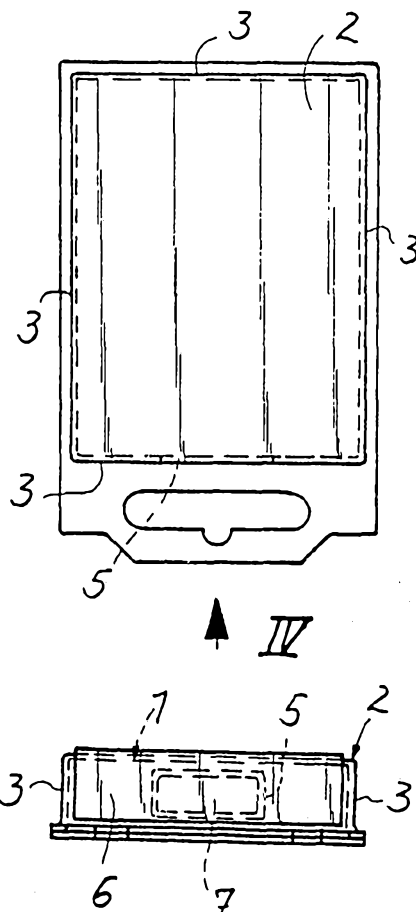
(54) Bezeichnung: VERPACKUNG FÜR KLEINTEILE

(57) Abstract

A SB-package for small parts has a bottom and a slip lid as well as an adhesive label glued on the lid. The adhesive label forms a kind of guarantee closure of the package and can be glued on the package while this is resting on a support. For this purpose, at least one wall, in particular a side wall (3) of the lid (2) has a window-shaped recess (5), the adhesive label (6) can be glued on this wall, in particular the side wall (3), covering the said recess, and parts of the wall of the bottom (1) that are located underneath the recess (5) when the pack-
age is closed are covered by parts of the adhesive layer of the adhesive label (6).

(57) Zusammenfassung

Um eine SB-Verpackung für Kleinteile, bestehend aus einem Bodenteil und einem überstülpbaren Deckelteil sowie einem Klebeetikett, welches auf das Deckelteil aufgebracht ist, zu schaffen, bei der durch die Anordnung eines Klebeetiketts eine Art Garantieverschluß der Verpackung gebildet ist und die Anordnung des Klebeetiketts bei auf einem Untergrund abgelegter Packung möglich ist, wird vorgeschlagen, daß mindestens eine Wandung, insbesondere Seitenwandung (3) des Deckelteils (2) eine fensterartige Ausnehmung (5) aufweist, das Klebeetikett (6) diesen Bereich überdeckend auf die Wandung, insbesondere die Seitenwand (3) aufklebbar ist und unterhalb der Ausnehmung (5) Wandungsteile des Bodenteils (1) bei geschlossener Verpackung angeordnet sind, die von Teilen der Klebschicht des Klebeetiketts (6) übergriffen sind.



Translation from German

PACKAGE FOR SMALL ITEMS

The invention concerns a package for small items, e.g. hardware, tools, or handicraft articles. This package
5 comprises a tub-like bottom part and a tub-like lid part. The lid part and bottom part, whose mouths face each other, can be pushed together, with the side walls of the lid part fitting over [the side walls]* of the bottom part. The package also comprises an adhesive label which
10 is stuck onto the lid part.

Such self-service packages are widely known in the state of the art. US patent specification 46 19 364 can be mentioned as an example. It is customary for such self-service packages to have adhesive labels or suchlike stuck
15 onto their lid, containing information about the goods and/or price information.

Starting out from the above-mentioned state of the art, the object of the invention is to create a self-service package of this general type in which the placement of an
20 adhesive label or suchlike forms a seal-type closure acting as a guarantee, and in which the adhesive label or suchlike can be put onto the package when the package is lying on a supporting surface.

To achieve this object it is proposed:

- 25 - that at least one wall, particularly a side wall of the lid part, has a cut-out window in it; and

* Words missing in German text. Cf claim 1. - Translator's note.

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- that the adhesive label can be stuck onto said wall (particularly a side wall) in such a way as to cover up this cut-out area; and
- that also, when the package is closed, parts of the wall of the bottom part of the package, positioned beneath this cut-out area, are also covered by parts of the adhesive layer of the adhesive label.

It is true that, in the state of the art, there are designs in which an adhesive label is stuck over the top, sides, and bottom of the package so that the sealing function is achieved in that the package can only be opened by destroying or tearing the label; however the placement of such security labels is relatively difficult, because the label can only be put on by lifting the package so that the adhesive label can stuck onto the bottom of the package.

The present invention, on the other hand, provides a solution in which the adhesive label can be attached to a package lying on a support surface without having to lift the package. For example, the tub-like bottom part may be resting on a conveyor belt or the like for the purpose of filling the package and conveying it to particular filling stations. In a succeeding stage of operations, the tub-like lid - which is either formed integrally with the bottom part, being joined thereto by an integral hinge, or else is separate and able to be manipulated independently - is fitted over the bottom part, and then the adhesive label is stuck onto the area with the cut-out window. When the walls of the lid parts are relatively thin, the adhesive layer on the lid part reaches the outside wall of the tub-like bottom part, with the result that the adhesive label sticks to both the outside of the wall of the lid part and the outside wall of the bottom part. The

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package can only be opened if the adhesive label is removed or destroyed. With two-part packages, it is possible and necessary for cut-out areas to be provided in a number of places in the lid part, and these can be covered with individual adhesive labels or with a single adhesive label running around the package.

In a particularly preferred further development, there is a projecting area on the wall, particularly the side wall, of the bottom part; and when the top part is fitted over the bottom part, this projecting area can be fitted into the cut-out window of the wall (particularly the side wall) of the lid part, and is more or less flush with the outside surface of that wall.

This design ensures that the wall part of the bottom part that is to receive the adhesive label is aligned so as to be level with the outside wall of the lid part in the area near the cut-out window, so that an appropriate adhesive label can be readily attached to both surfaces in such a way as to cover them up.

Even after the adhesive label has been removed, or before it has been put on, the package is held together by virtue of the projecting surface on the bottom part fitting into the cut-out window of the lid part, thus providing a sort of catch-like connection.

The invention is described below, with reference to two examples of embodiments.

Fig. 1 is a top view of a bottom part;

Fig. 2 is a top view of a lid part;

Fig. 3 shows the bottom part, viewed in the direction of arrow III;

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Fig. 4 is the lid part, viewed in the direction of arrow IV;

Fig. 5 shows a lid part and a bottom part fitted together, with a label stuck on, viewed in the same direction as in figs. 3 and 4;

Fig. 6 is a variant, viewed as in fig. 1;

Fig. 7 is the same variant, viewed as in fig. 2;

Fig. 8 is a one-piece package, viewed from the side.

The self-service package for small items, e.g. hardware, small tools, small handicraft items, or the like, consists essentially of a tub-like bottom part 1 in the form of a right parallelepiped, and a lid part 2 - also tub-like - with the same basic geometrical shape.

The lid part and the bottom part can be pushed together with their mouths facing each other, and with the lid part 2 fitting over the bottom part 1.

The side walls 3 of the lid part 2 fit over the side walls 4 of the bottom part. In the invention there is a cut-out window area 5 in at least one of the walls, e.g. the side wall 3, of the lid part 2 (figs. 1 to 5), so that after the lid part 2 has been fitted over the bottom part 1, an adhesive label 6 can be stuck onto the side wall 3 containing the cut-out window 5, and at the same time this adhesive label will stick to those parts of the side wall 4 of the bottom part that lie beneath the cut-out window 5. Preferably, the side wall 4 of the bottom part 1 has on it a projecting area 7 that can be fitted into the cut-out window 5 of the side wall 3 of the lid part 2 when the lid part 2 has been fitted over the bottom part 1. When this is done, the outer surface of the projecting area 7 is

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more or less flush with the outer surface of the side wall 3 of the lid part 2, and the entire surface of the stuck-on label 6 then intimately covers the entire area of the projecting surface 7 and the relevant parts of the side wall 3.

The package can only be opened if the label 6 is destroyed or removed. Placement of the label 6 as a seal guaranteeing the security of the package is also possible when the bottom part 1 is lying flat on an underlying support such as a conveyor belt.

The arrangement of the projecting area 7 and its engagement in the cut-out window 5 also provides a catch-like connection between the lid part and the bottom part, so that after the adhesive label 6 has been removed or destroyed, the user can still shut the two parts of the self-service package together with a catch-like arrangement.

It is obviously conceivable for the cut-out window 5 and the corresponding projecting surface 7 to be provided on more than one side of the lid part 2 and bottom part 1 respectively.

It is also possible for the lid part to be formed integrally with the bottom part, being joined thereto at one edge - for example on the side opposite the projecting surface 7 - by means of a film-like hinge or suchlike. Normally such self-service packages can be made of plastic.

It is also possible to deep-draw the package from plastic-foil type material.

In the embodiment shown in figs. 6 to 8, the bottom part 1 has a wide edge-part 8 in the same plane as its mouth.

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Corresponding to this, the lid part 2 has the cut-out window 5 on its top surface, which overlies the edge part 8 (when in the closed position). When a label 6 is stuck on, this window enables the adhesive layer of the label to
5 adhere not only to the outside of the top of the lid part 2 but also to the surface 8 of the bottom part 1 lying under the cut-out window 5.

Also, it is possible to combine the measures shown in figs. 1 to 5 with those in figs. 6 to 8.

10 The purpose of fig. 8 is simply to show the one-piece formation of the lid and bottom parts, with the hinge-like connection thereof.

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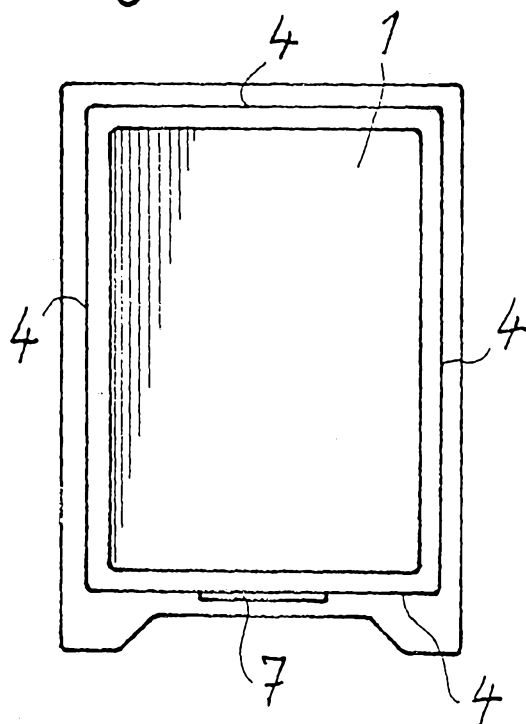
The claims defining the invention are as follows:

1. A self-service package for small items, for example hardware, tools, and handicraft items, consisting of
 - a tub-like bottom part and a tub-like lid part, in which the lid part and the bottom part can be pushed together with their respective mouths facing each other and the side walls of the lid part fit over the side walls of the bottom part; and also consisting of
 - an adhesive label stuck onto the lid part; wherein there is a cut-out window (5) in at least one wall of the lid part (2), particularly a side wall (3) thereof, and the adhesive label (6) can be stuck onto one of the walls, particularly a side wall (3), so as to cover this cut-out area, and wherein there are also wall parts of the bottom part (1), beneath the cut-out window (5), which parts of the adhesive layer of the adhesive label (6) stick to when the package is closed.
2. A self-service label as claimed in claim 1, wherein there is a projecting area (7) on the wall, particularly one of the side walls (4), of the bottom part (1), which can be fitted into ^{the cut-out window (5)} the wall, particularly one of the side walls (3), of the fitted lid part (2) when the package is closed, said projecting area (7) then being more or less flush with the outside surface of said side wall (3) of the lid part.



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Fig. 1



III
▲

Fig. 4

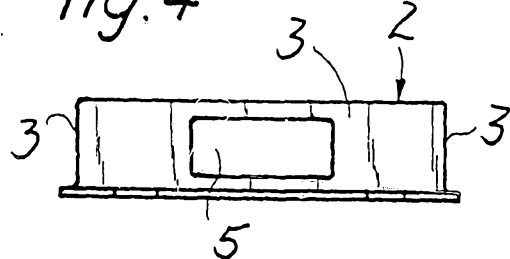


Fig. 3

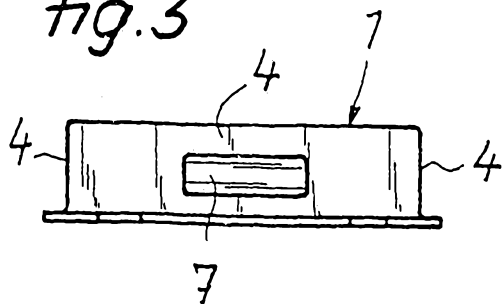
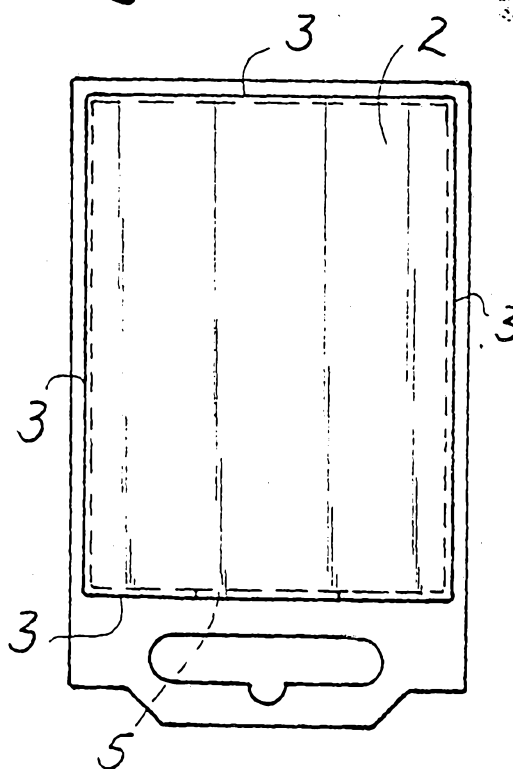
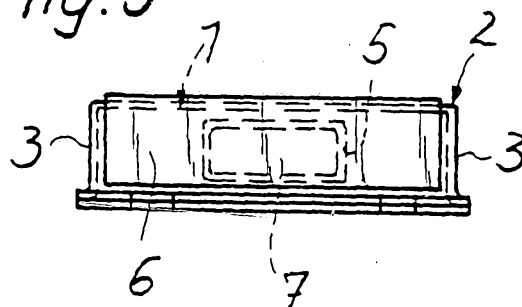


Fig. 2



IV
▲

Fig. 5



L. Maffei

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Fig. 7

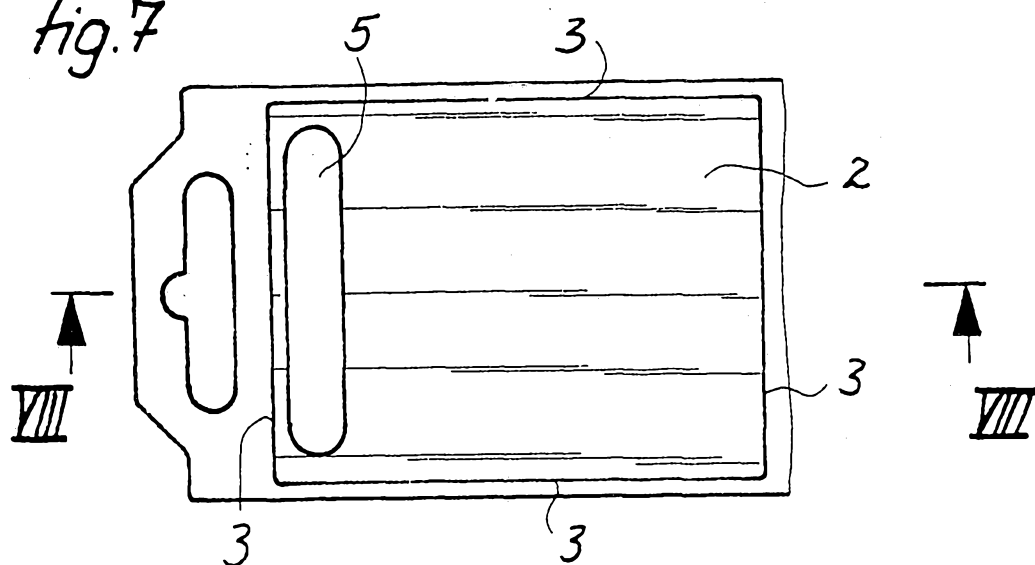


Fig. 6

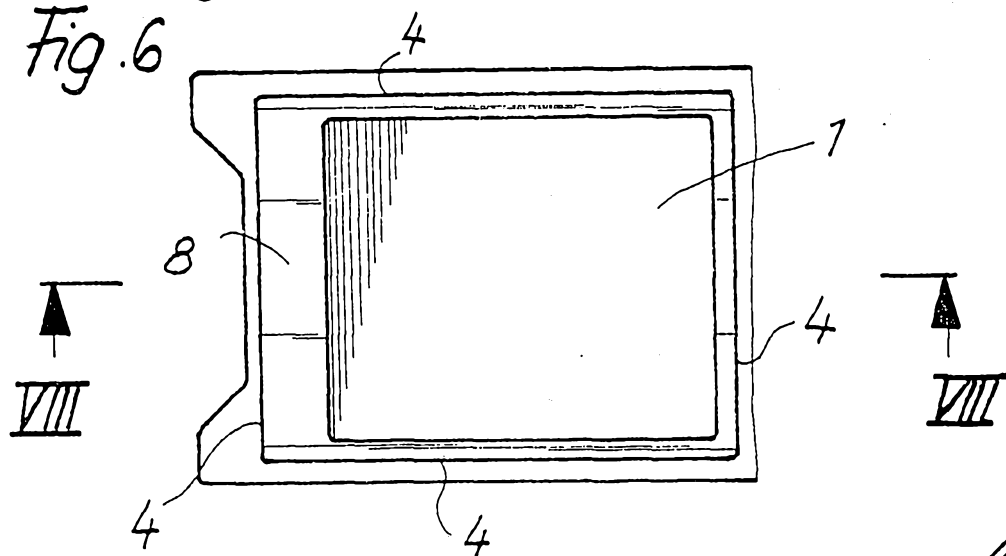
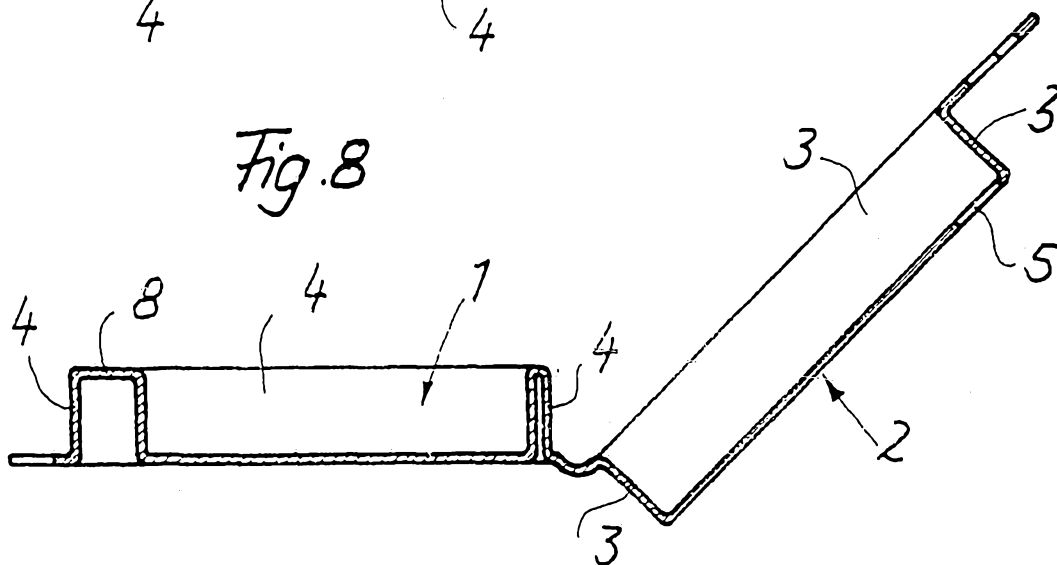


Fig. 8



INTERNATIONALER RECHERCHENBERICHT

Internationales Aktenzeichen PCT/DE 89/00558

I. KLASSIFIKATION DES ANMELDUNGSGEGENSTANDS (bei mehreren Klassifikationssymbolen sind alle anzugeben) ⁶		
Nach der Internationalen Patentklassifikation (IPC) oder nach der nationalen Klassifikation und der IPC		
Int Cl 5: B 65 D 75/36, B 65 D 55/06, G 01 F 3/02		
II. RECHERCHIERTE SACHGEBIETE		
Recherchierter Mindestprüfstoff ⁷		
Klassifikationssystem I	Klassifikationssymbole	
Int Cl 5	B 65 D, G 09 F	
Recherchierte nicht zum Mindestprüfstoff gehörende Veröffentlichungen, soweit diese unter die recherchierten Sachgebiete fallen ⁸		
III. EINSCHLÄGIGE VERÖFFENTLICHUNGEN ⁹		
Art*	Kennzeichnung der Veröffentlichung ¹¹ , soweit erforderlich unter Angabe der maßgeblichen Teile ¹²	Betr. Anspruch Nr. ¹³
Y	US, A, 4499353 (SHIELDS) 12. Februar 1985, siehe das ganze Dokument	1, 2
Y	FR, A, 2448319 (STANLEY WORKS) ¹⁴ , September 1980, siehe Seite 8, Zeilen 17-3 ; Figuren 8, 9	1, 2

* Besondere Kategorien von angegebenen Veröffentlichungen¹⁰: "A" Veröffentlichung, die den allgemeinen Stand der Technik definiert, aber nicht als besonders bedeutsam anzusehen ist "E" älteres Dokument, das jedoch erst am oder nach dem internationalen Anmeldedatum veröffentlicht worden ist "L" Veröffentlichung, die geeignet ist, einen Prioritätsanspruch zweifelhaft erscheinen zu lassen, oder durch die das Veröffentlichungsdatum einer anderen im Recherchenbericht genannten Veröffentlichung belegt werden soll oder die aus einem anderen besonderen Grund angegeben ist (wie ausgeführt) "O" Veröffentlichung, die sich auf eine mündliche Offenbarung, eine Benutzung, eine Ausstellung oder andere Maßnahmen bezieht "P" Veröffentlichung, die vor dem internationalen Anmeldedatum, aber nach dem beanspruchten Prioritätsdatum veröffentlicht worden ist "T" Spätere Veröffentlichung, die nach dem internationalen Anmeldedatum oder dem Prioritätsdatum veröffentlicht worden ist und mit der Anmeldung nicht kollidiert, sondern nur zum Verständnis des der Erfindung zugrundeliegenden Prinzips oder der ihr zugrundeliegenden Theorie angegeben ist "X" Veröffentlichung von besonderer Bedeutung; die beanspruchte Erfindung kann nicht als neu oder auf erfinderischer Tätigkeit beruhend betrachtet werden "Y" Veröffentlichung von besonderer Bedeutung; die beanspruchte Erfindung kann nicht als auf erfinderischer Tätigkeit beruhend betrachtet werden, wenn die Veröffentlichung mit einer oder mehreren anderen Veröffentlichungen dieser Kategorie in Verbindung gebracht wird und diese Verbindung für einen Fachmann naheliegend ist "&" Veröffentlichung, die Mitglied derselben Patentfamilie ist		
IV. BESCHEINIGUNG		
Datum des Abschlusses der internationalen Recherche		Absendedatum des internationalen Recherchenberichts
13. November 1989		06. 12. 89
Internationale Recherchenbehörde		Unterschrift des bevollmächtigten Bediensteten
Europäisches Patentamt		T.K. WILLIS

ANHANG ZUM INTERNATIONALEN RECHERCHENBERICHT ÜBER DIE INTERNATIONALE PATENTANMELDUNG NR.

In diesem Anhang sind die Mitglieder der Patentfamilien der im obengenannten internationalen Recherchenbericht angeführten Patentedokumente angegeben.

Die Angaben über die Familienmitglieder entsprechen dem Stand der Datei des Europäischen Patentamts am
Diese Angaben dienen nur zur Unterrichtung und erfolgen ohne Gewähr.

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Im Recherchenbericht angeführtes Patentedokument	Datum der Veröffentlichung	Mitglied(er) der Patentfamilie	Datum der Veröffentlichung
US-A- 4499353	12-02-85	CA-A- 1226561	08-09-87
FR-A- 2448319	05-09-80	US-A- 4231626	04-11-80
		AU-A- 5506680	21-08-80
		BE-A- 881679	30-05-80
		CA-A- 1132648	28-09-82
		CA-A- 1143425	22-03-83
		DE-A- 3005007	28-08-80
		JP-A- 55110510	26-08-80
		LU-A- 82149	24-09-80
		NL-A- 8000871	14-08-80
		SE-A- 8001057	13-08-80

INTERNATIONAL SEARCH REPORT

International Application No PCT/DE 89/00558

I. CLASSIFICATION OF SUBJECT MATTER (If several classification symbols apply, indicate all) *		
According to International Patent Classification (IPC) or to both National Classification and IPC		
Int.Cl.5: B 65 D 75/36, B 65 D 55/06, G 01 F 3/02		
II. FIELDS SEARCHED		
Minimum Documentation Searched ⁷		
Classification System	Classification Symbols	
Int.Cl.5	B 65 D, G 09 F	
Documentation Searched other than Minimum Documentation to the Extent that such Documents are Included in the Fields Searched ⁸		
III. DOCUMENTS CONSIDERED TO BE RELEVANT ⁹		
Category *	Citation of Document, ¹¹ with indication, where appropriate, of the relevant passages ¹²	Relevant to Claim No. ¹³
Y	US, A, 4499353 (SHIELDS) 12 February 1985 see the whole document --	1,2
Y	FR, A, 2448319 (STANLEY WORKS) 5 September 1980, see page 8, lines 17-30; figures 8,9 -----	1,2
* Special categories of cited documents: ¹⁰ "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family		
IV. CERTIFICATION		
Date of the Actual Completion of the International Search		Date of Mailing of this International Search Report
13 November 1989 (13.11.89)		06 December 1989 (06.12.89)
International Searching Authority		Signature of Authorized Officer
EUROPEAN PATENT OFFICE		

ANNEX TO THE INTERNATIONAL SEARCH REPORT ON INTERNATIONAL PATENT APPLICATION NO.

DE 8900558

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned international search report. The members are as contained in the European Patent Office EDP file on 01/12/89. The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US-A- 4499353	12-02-85	CA-A- 1226561	08-09-87
FR-A- 2448319	05-09-80	US-A- 4231626	04-11-80
		AU-A- 5506680	21-08-80
		BE-A- 881679	30-05-80
		CA-A- 1132648	28-09-82
		CA-A- 1143425	22-03-83
		DE-A- 3005007	28-08-80
		JP-A- 55110510	26-08-80
		LU-A- 82149	24-09-80
		NL-A- 8000871	14-08-80
		SE-A- 8001057	13-08-80

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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82