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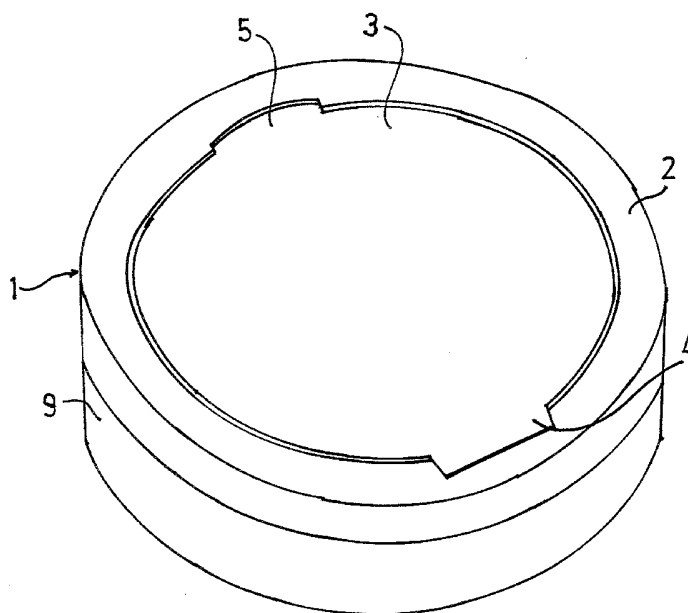
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Published:

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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: **SNUFF-BOX LID**



(57) Abstract: The present invention relates to a snuff-box lid comprising a bottom lid (2) and a cover lid (3), which together define a first enclosed space (11), which is separated from a second enclosed space (13), the first enclosed space (11) being intended for storing used snuff. The cover lid (3) is moveably secured to the bottom lid (2). In the closed position the cover lid (3) is held against the bottom lid (2) by snap-locking device. In the closed position the cover lid (3) is preferably situated entirely under the upper edge of the bottom lid (2).

WO 2005/016036 A1

**Lid for snuffbox**

The present invention relates to a snuff-box lid. The lid according to the invention provides more functions than with a conventional lid, which only has a sealing function.

Snuff is sold to the consumer in packagings which most commonly consist of circular pots. These are made of plastics and have a lid which may be removed and replaced a number of times. The snuff in the pot may be loose snuff or snuff packed in individual portions. After use, the snuff is discarded, generally in some suitable place such as waste-paper baskets or the like. All too often there is no such suitable place readily available, which may mean that the snuff ends up somewhere that is unsuitable both for hygienic and for aesthetic reasons. It can also cause staining and other nuisances.

The object of the present invention is to provide a lid which will solve these problems and which will allow used snuff to be at least temporarily stored until it can be suitably disposed of elsewhere. The lid according to the invention has the characteristic features set forth in claim 1. Embodiments of the invention have the characteristic features set forth in the other patent claims.

The invention will be described in more detail below with reference to the example of a preferred embodiment of the invention which is shown in the drawings attached.

Fig. 1 shows a snuff-box with lid according to the invention,

Fig. 2 shows a perspective view from above of a cover lid according to the invention,

Fig. 3 shows a view of a cover lid according to Fig. 2 from below,

Fig. 4 shows a perspective and sectional view of a snuff-box with lid according to the invention.

The snuff-box 1 shown in Fig. 1 comprises a lower part 9, a lower lid or bottom lid 2 and a cover lid 3. The bottom lid 2 and the cover lid 3 between them define an upper space 11, the bottom of which is formed by the greater part of the bottom lid, for which reason this lower lid is referred to as the bottom lid. The cover lid 3 is moveably secured to the bottom lid 2 by a hinged joint 4 and is held fast in the closed position by a snap-fit tab 5, which interacts with a corresponding snap-fit part on the bottom lid 2. All parts are preferably manufactured by the injection moulding of suitable plastic material, bottom lid and cover lid being injection moulded in either one or two

suitable plastic material, bottom lid and cover lid being injection moulded in either one or two moulds. The bottom lid forms a tight unit and the hinge function of the cover lid is achieved in that the pins 6, 7 of the hinge part are snapped into corresponding recesses in the bottom lid.

The lower part of the snuff-box has a bottom 10 and wall 9. Together with the bottom lid these define a lower space 13 intended for the storage of unused snuff. At its centre the bottom lid 2 has a sunken part which is also defined by a side wall 12. This space can be covered by the cover lid 3, forming a defined space 11. This space is intended for storing used snuff. The connection of the bottom lid to the cover lid is preferably designed so that in the closed position this is situated under the edge of the bottom lid outside the cover lid. This design improves the facility for stacking several pots one on top of another without the risk of the cover lid being pressed in or deformed.

The bottom lid 2 and the lower part 9, 10 of the snuff-box should close tight against one another in order to prevent the unused snuff from drying. For this purpose the box, after it has been filled with snuff in the lower space 13, may be sealed with a band or label in the form of a strip running all round the snuff-box. It may also be advantageous in terms of appearance and from the point of view of the user to produce the bottom lid and the cover lid in different colours. All parts are designed so that filling of the box, assembly and sealing can be performed on automated machines.

In order to further improve the sealing of the filled snuff-box and thereby also to ensure the product quality, the box, after filling, may be sealed with foil which is adhesively bonded or welded to the upper edge of the side wall 9 of the bottom container. In a preferred embodiment the foil is bent downwards, leaving the necessary room for the space 11 that is defined by the bottom lid and the cover lid.

Without departing from the scope of the idea of the invention the embodiment may be modified in various ways which will be apparent to the person skilled in the art.

**Claims**

1. Snuff-box lid having a bottom lid (2) and a cover lid (3), which together define a first enclosed space (11), which is separated from a second enclosed space (13), the first enclosed space (11) being intended for storing used snuff, characterised in that the cover lid (3) is moveably secured to the bottom lid (2) by a hinged joint (4) with end pins (6, 7) which are snapped into corresponding recesses in the bottom lid.
2. Lid according to Claim 1, characterised in that in the closed position the cover lid (3) is held against the bottom lid (2) by a snap-locking device.
3. Lid according to either of the preceding Claims, characterised in that in the closed position the cover lid (3) is situated entirely under the upper edge of the bottom lid (2).
4. Snuff-box with lid according to any one of the preceding Claims, characterised in that all parts are suited to filling, assembly and sealing on automated machines.
5. Snuff-box with lid according to any one of the preceding Claims, a sealing foil being adhesively bonded or welded to the upper edge of the side wall (9) of the bottom container, characterised in that the foil is bent downwards, leaving the necessary room for the space (11) that is defined by the bottom lid and the cover lid.

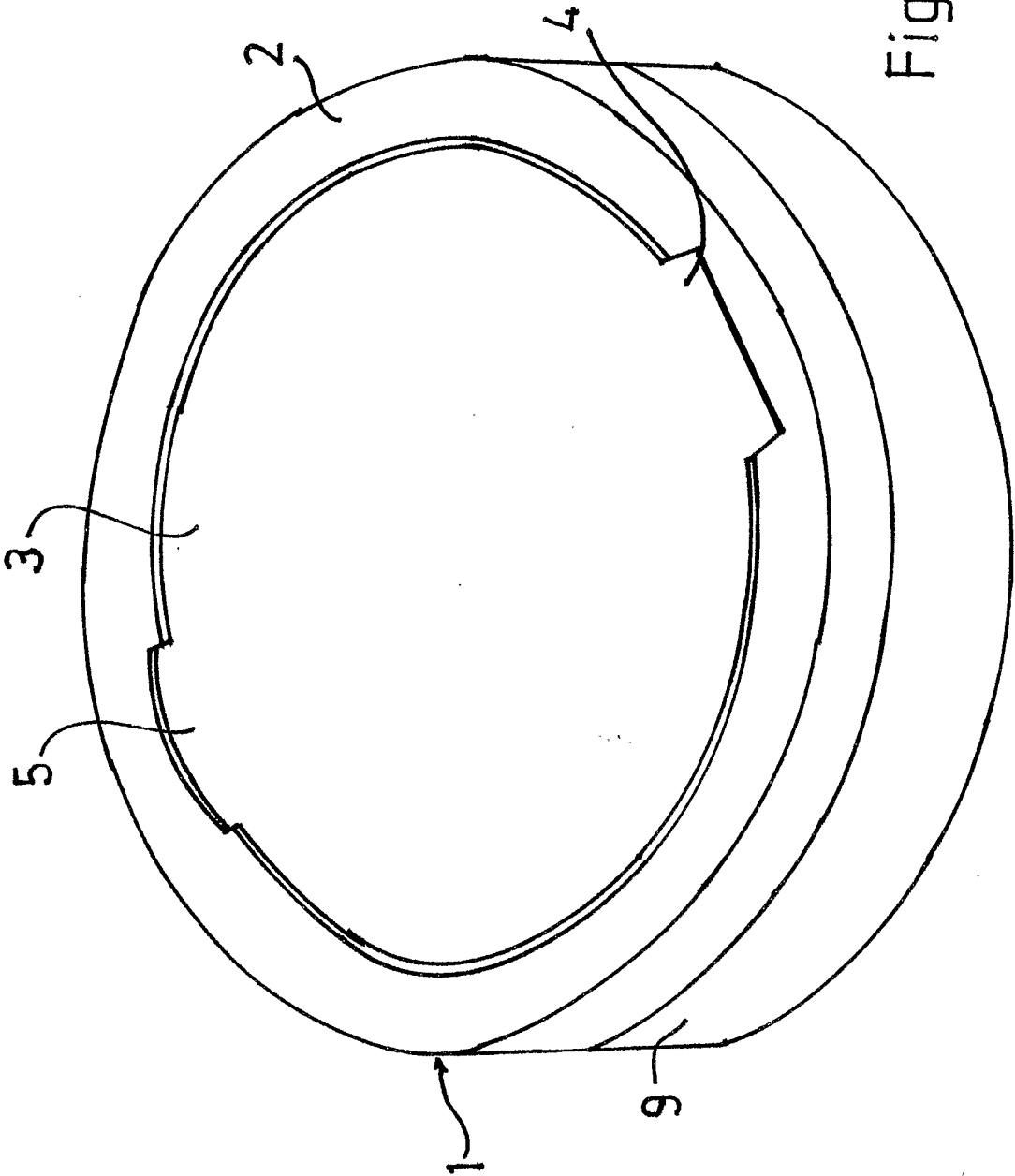


Fig 1

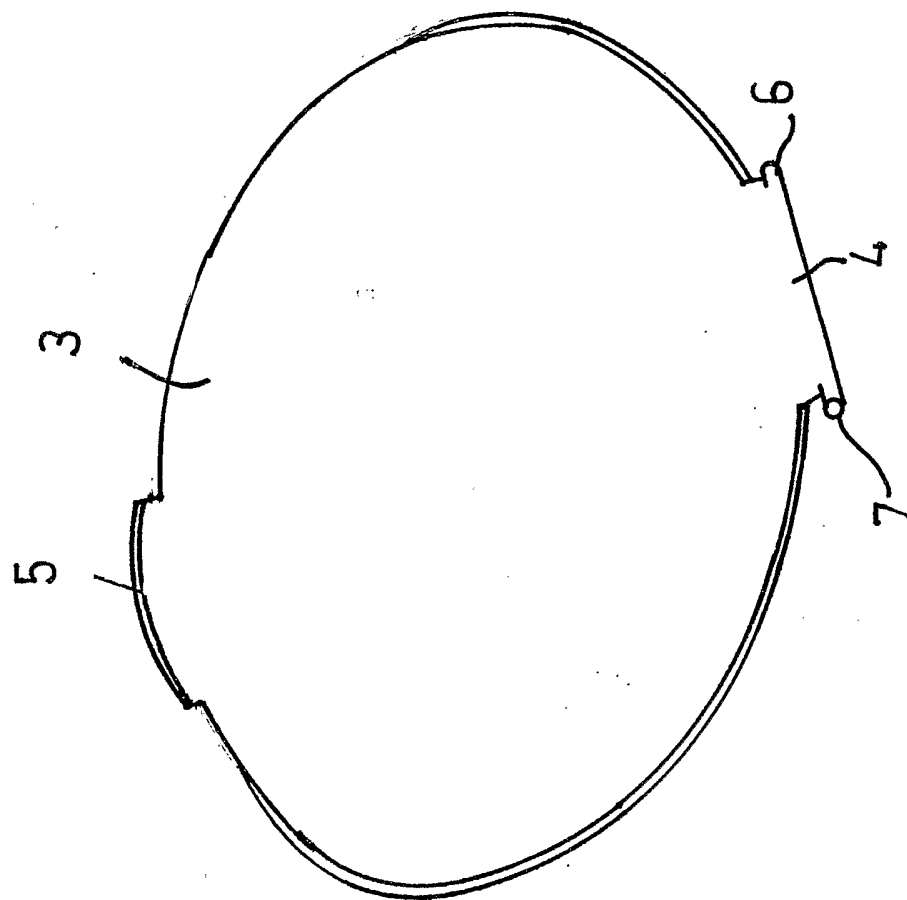


Fig 2

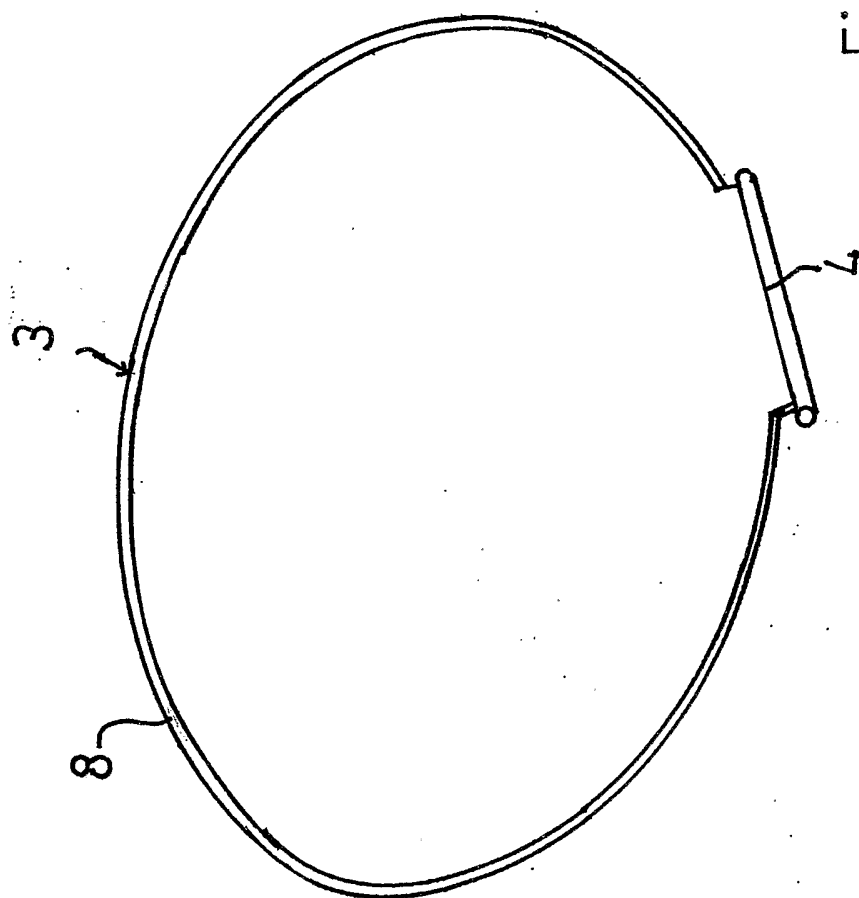
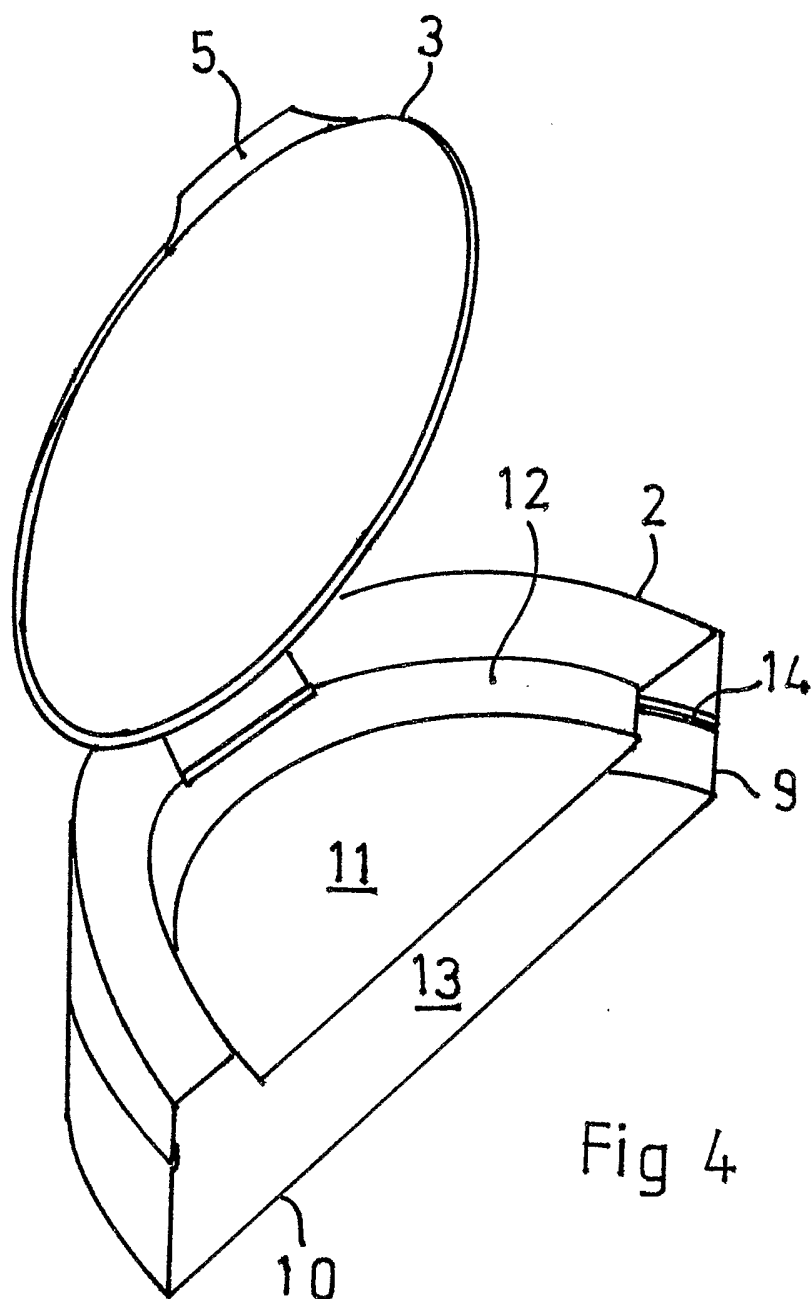


Fig 3





## INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2004/001200

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7: A24F 23/04

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: A24F, B65D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPI DATA, EPO-INTERNAL, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	THE NORTHERNER. "Combi Lid for Tobacco Snuff Cans" In: <a href="http://web.archive.org/web/20030622151258/www.norherner.com/products/swm8810.html">http://web.archive.org/web/20030622151258/www.norherner.com/products/swm8810.html</a> . Askim, Sweden, 22 June 2003 --	1-3,5
L,A	SWEDISH MATCH, "Kombilock", In: <a href="http://www.tilbudet.nu/kombilock.jpg">http://www.tilbudet.nu/kombilock.jpg</a> --	1-3,5
A	SWEDISH MATCH. "Framtidens portionssnus - med dubbellock för att motverka nedskräpning" In: <a href="http://www.swedishmatch.com">www.swedishmatch.com</a> . Pressrelease, 07 April 2003 --	1-3,5



Further documents are listed in the continuation of Box C.



See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent 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 when the document is taken alone

"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

"&amp;" document member of the same patent family

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## INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2004/001200

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	GB 2147875 A (HELMUT JAHN), 22 May 1985 (22.05.1985), page 2, line 80 - line 97  --	1-3,5
A	WO 0147380 A1 (BRADY, DAVID ET AL), 5 July 2001 (05.07.2001), abstract  --	1-3,5
A	US 6162516 A (DERR), 19 December 2000 (19.12.2000), column 3, line 19 - line 25, figure 13  -- -----	1-3,5

**INTERNATIONAL SEARCH REPORT**

International application No.  
PCT/SE 2004/001200

**Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)**

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☒ Claims Nos.: 4  
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:  
  
see next sheet
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

**Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)**

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

**Remark on Protest**

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

Present claim 4 relates to a snuff-box defined by reference to a desirable characteristic or property, namely that all parts are suited for filling, assembling and sealing on automated machines. The claim covers all products having this characteristic, whereas the application within the meaning of Article 5 PCT lacks support for such products.

Independent of the above reasoning, the claims also lack clarity (Article 6 PCT). An attempt is made to define the product by reference to a result to be achieved. This lack of clarity in the present case is such as to render a meaningful search over the whole of the claimed scope impossible

Consequently, claim 4 has not been searched.

## INTERNATIONAL SEARCH REPORT

Information on patent family members

30/10/2004

International application No.

PCT/SE 2004/001200

GB	2147875	A	22/05/1985	DE	3335834	A	18/04/1985
				DK	459184	A	02/04/1985
				GB	8424634	D	00/00/0000
				IE	55530	B	10/10/1990
				IE	842445	L	01/04/1985
				NL	8402920	A	01/05/1985
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WO	0147380	A1	05/07/2001	AU	2330801	A	09/07/2001
				AU	PQ487299	D	00/00/0000
				AU	PQ749000	D	00/00/0000
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US	6162516	A	19/12/2000	AU	7662796	A	30/04/1997
				WO	9713419	A	17/04/1997
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