



(11) **EP 2 433 511 A1**

(12) **EUROPEAN PATENT APPLICATION**
published in accordance with Art. 153(4) EPC

(43) Date of publication:
28.03.2012 Bulletin 2012/13

(51) Int Cl.:
A24F 17/00 (2006.01) B65H 35/00 (2006.01)

(21) Application number: **10777408.5**

(86) International application number:
PCT/ES2010/070336

(22) Date of filing: **19.05.2010**

(87) International publication number:
WO 2010/133741 (25.11.2010 Gazette 2010/47)

(84) Designated Contracting States:
**AL AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO
PL PT RO SE SI SK SM TR**

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(30) Priority: **21.05.2009 ES 200930114 U**

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(54) **CIGARETTE PAPER DISPENSER**

(57) The invention relates to a cigarette paper dispenser made up of a substantially cylindrical body (1) with a coaxial cylindrical cavity provided with a longitudinal slit (11) that extends along the generatrix the entire length of the body (1) to allow the passage of paper unrolled from the roll. The cylindrical body (1) is closed at the bases thereof by means of respective caps (3) and

(4). Said slit (41) is closed by a lid (2) articulated longitudinally with the periphery of the body (1) and having a semi-circumferential configuration, with a profiled free edge (21) forming a sharp, cutting or serrated edge which is positioned adjacent to one end of the roll of paper, the desired length of which is extracted axially and cut from the roll.

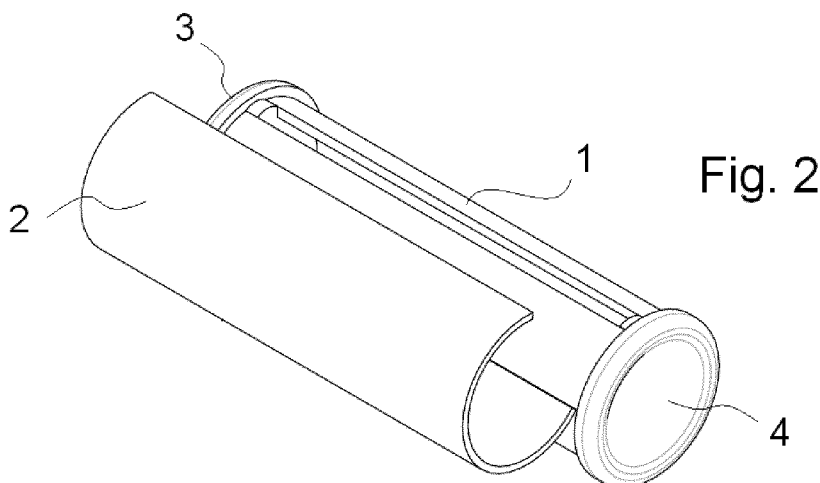


Fig. 2

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Description

Object of the Invention

[0001] The present invention relates to a cigarette paper dispenser from a roll of paper. This dispenser can also be used in rolls of paper, aluminium foil or cling film, particularly for household use, even though this is not object of the present invention.

Background of the Invention

[0002] Different paper dispensers are currently known, especially paper for household use, which is rolled forming a cylinder from which the desired length is extracted by pulling the free end of the roll axially.

[0003] Household paper dispensers generally have a body designed for supporting the roll by means of a horizontal roller which passes through a cardboard tube on which the material forming the roll is rolled, such that it allows the user to unroll and tear off sheets of the desired length.

[0004] The arrangement of household paper dispensers is not valid when dealing with cigarette paper, among other reasons because protecting the roll is also necessary for carrying it in any pocket without it being deformed and therefore becoming unusable. For this reason, the greatest consumption of cigarette paper is of paper which is manufactured in loose sheets, assembled in a booklet type case. This entails certain drawbacks when consuming paper since it is only possible to have a standard size paper available and therefore the cigarette is also of a standard size.

Description of the Invention

[0005] Rolls of cigarette paper, with one of the side strips having glue applied thereon for making it easier to seal the cigarette, allow rolling cigarettes of any length such that they are widely accepted by tobacco smokers. However, unlike rolls of household paper in which a central cardboard tube or one made of a less deformable material is used, rolls of cigarette paper lack this support to reduce their size and make it easier to place them in any pocket, for this reason the deformation of the roll must be avoided in order to extract a strip of paper and precisely cut it. Thus, the main purpose of the present invention is to eliminate the aforementioned drawbacks, having reached the result which has the features described in the characterizing part of claim 1.

[0006] This dispenser is made up of a substantially cylindrical body internally defining a coaxial cylindrical cavity, provided with a longitudinal slit that extends along the generatrix the entire length of the body to allow the passage of the paper unrolled from the roll. The sides are closed by respective lids which are coupled and fixed without the possibility of rotating through respective ribs which are located at the ends of the longitudinal slit.

[0007] This slit along the generatrix is closed by means of a lid articulated longitudinally with the periphery of the body and has a semi-circumferential configuration adopting, when closed, a position above said slit. The free edge of this lid has a profiling defining a sharp, cutting or serrated edge which is positioned adjacent to an end of the roll of paper, allowing to cut the portion of paper extracted from the tube.

[0008] Replaceable rolls of paper can be included in this cigarette paper dispenser; for this purpose it has been provided that one of the side caps is associated with a straight rod running through the axial gap of the roll of paper and is coupled to the other side cap under pressure, allowing the removal and placement of the first cap to change the finished roll of paper for another new one.

[0009] The lid is fixed to the body of the roll holder by means of a simple sticky label which envelops the assembly of both bodies, except in the area corresponding to the slit along the generatrix. This label allows the hinged movement and the fixing of the lid to the main body, simultaneously serving as product information and brand carrying means.

[0010] In an alternative embodiment, the body of the roll holder has a length extending further than the paper itself included therein. In this case it has an inner disc forming a cap which demarcates a first cavity for the paper which is unrolled and exits through a longitudinal slit as described above and a second cavity towards the opposite side, which is open by a slit wider than the previous slit, this cavity having the purpose of storing filters or smoking accessory elements.

Description of the Drawings

[0011] To complement the description which is being made and for the purpose of aiding to better understand the features of the invention, a set of drawings is attached to the present specification in which the following has been depicted with an illustrative and non-limiting character:

Figures 1, 2 and 3 show three perspective views of a dispenser made according to the invention, respectively in the closed position, with the lid open with the elements in exploded view.

Figure 4 shows respective plan, elevational and profile views of the same dispenser.

Figure 5 shows an exploded perspective view of the parts of an embodiment variant of the smoking paper dispenser object of the invention.

Figure 6 shows respective plan and elevational views of a dispenser which has an accessory cavity for filters or similar elements.

Preferred Embodiment of the Invention

[0012] As observed in the mentioned drawings, the de-

vice of the invention comprises a, hollow, cylindrical tube (1) provided with a slit (11) along the generatrix and respective lids (3) and/or (4) which fit in the edges of said tube (1). These lids have small protrusions (31) and (41), respectively, which fit in the groove or slit (11) such that they are immobilised in a fixed position. The lids (3) are fixed and adhered to the body (1), the lid (4) is provided with a rod (42) which is introduced through the inside of the roll of paper and is locked under pressure in the lid (3) located on the opposite side, thus, two embodiments are feasible:

- That shown in Figures 1 to 4 in which the lid (4) is provided with the aforementioned rod (42) and is accordingly detachable and therefore the roll of paper can be replaced with another new one.
- The solution depicted in Figure 5 corresponds with a disposable dispenser because when the inner paper has been used up, a replacement roll cannot be placed since the lids (3) are fixed during manufacturing.

[0013] The body of the tube (1) has a lid (2) which has a semi-circumferential section and is hinged in a side area with respect to the slit (11), such that when closed it remains on top of the slit, covering it. The hinge is formed by the label (5) of the product itself which is adhered on the body (1) and the lid (2) partially covering them with the exception of the slit (11). It has also been provided that the edge (21) of the lid (2) has a profiled section which allows cutting the paper from the inner roll as it is axially extracted once the desired length has been pulled out.

[0014] Figure 6 shows a cigarette paper dispenser which has a longer length than the paper itself included therein. It internally has an inner disc (6) forming a cap which demarcates a first cavity for the paper which is unrolled and exits through the longitudinal slit (11) and a second cavity towards the opposite side, open by a wider slit (12) than the previous slit (11), wherein filters or smoking accessory elements can be stored.

[0015] Having sufficiently described the nature of the invention as well as a preferred embodiment, it is stated for all intents and purposes that the materials, shape, size and arrangement of the described elements could be modified provided that it does not entail an alteration of the essential features of the invention which are claimed below.

Claims

1. A cigarette paper dispenser which is rolled forming a cylinder from which the desired length is extracted axially to the roll, **characterised in that** it is made up of a substantially cylindrical body (1) with a coaxial cylindrical cavity provided with a longitudinal slit (11) that extends along the generatrix the entire length

of the body (1) to allow the passage of paper unrolled from the roll, said cylindrical body (1) being closed at the bases thereof by means of respective caps (3) and (4) which are coupled and fixed without the possibility of rotating through respective ribs (31) (41) which are located at the ends of the longitudinal slit (41), which is closed by means of a lid (2) articulated longitudinally with the periphery of the body (1) and has a semi-circumferential configuration, being located on top of said slit (11) in the closed position, provided with a profiled free edge (21) forming a sharp, cutting or serrated edge which is positioned adjacent to one end of the roll of paper, allowing to cut the portion of paper extracted from the tube (1).

2. The cigarette paper dispenser according to claim 1, **characterised in that** one of the side caps (4) is associated with a rod (42) running through the axial gap of the roll of paper and is coupled to the other side cap (3) under pressure, allowing the removal and placement of the first cap (4) to change the finished roll of paper for another new one.
3. The cigarette paper dispenser according to claim 1, **characterised by** the fact that the lid (2) is attached to the body (1) by means of a sticky label (5) which envelops the assembly of both bodies, except in the area corresponding to the slit (11) along the generatrix.
4. The cigarette paper dispenser according to claim 1, **characterised by** the fact that the body (1) has a length extending further than the paper itself included therein, having an inner disc (6) forming a cap which demarcates a first cavity for the paper which is unrolled and exits through the longitudinal slit (11) and a second cavity towards the opposite side, open by a wider slit (12) than the previous slit (11), where filters or smoking accessory elements are stored.

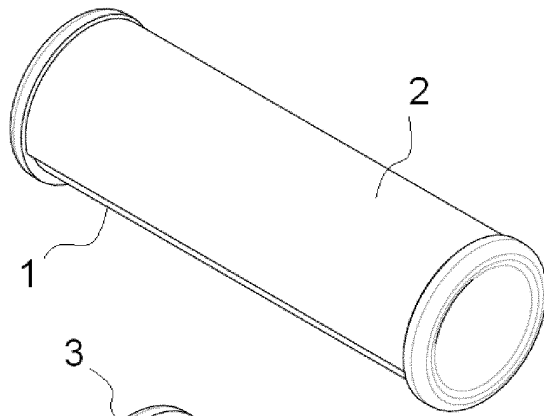


Fig. 1

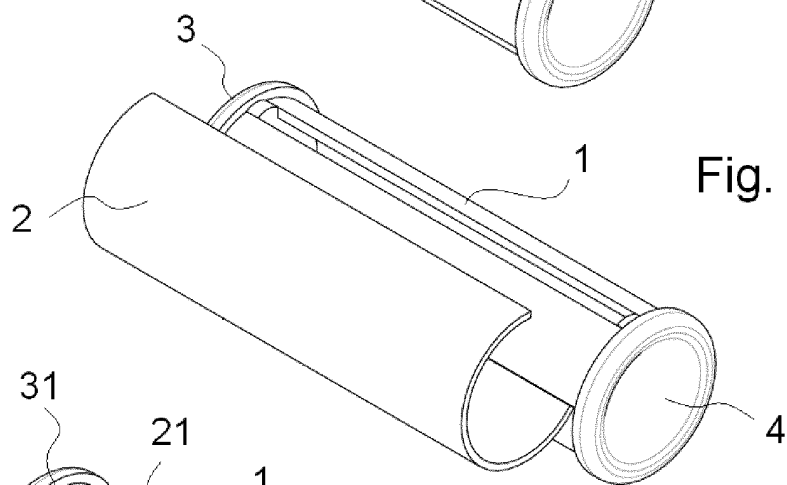


Fig. 2

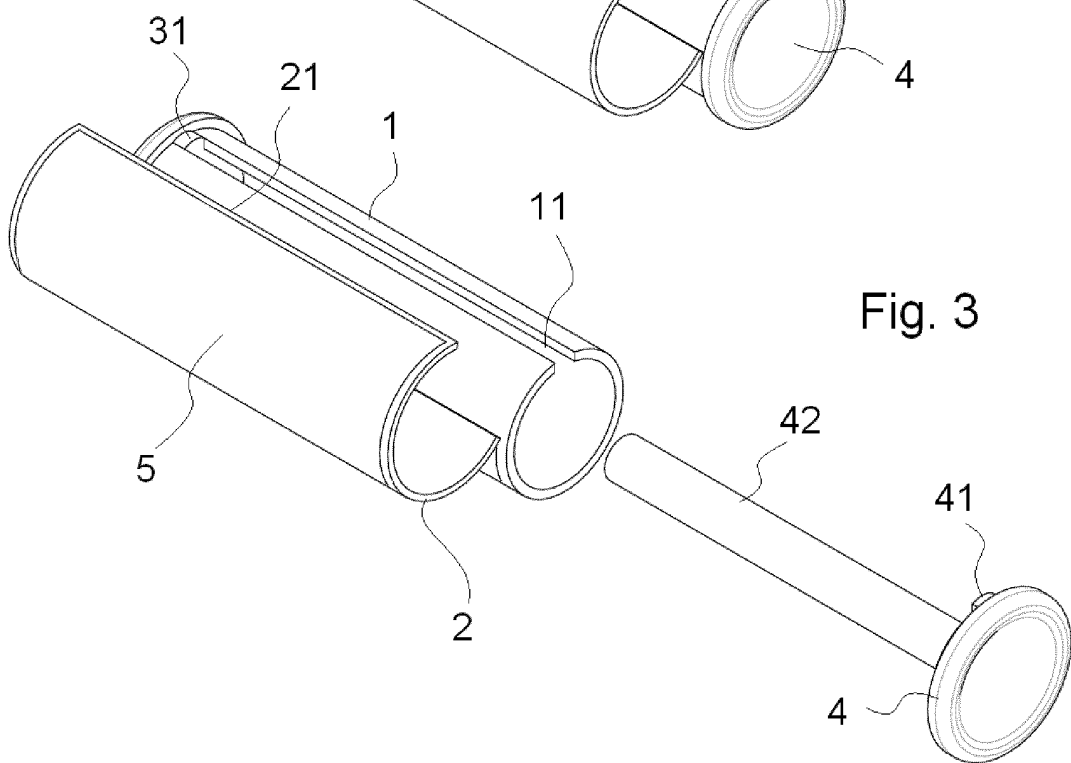


Fig. 3

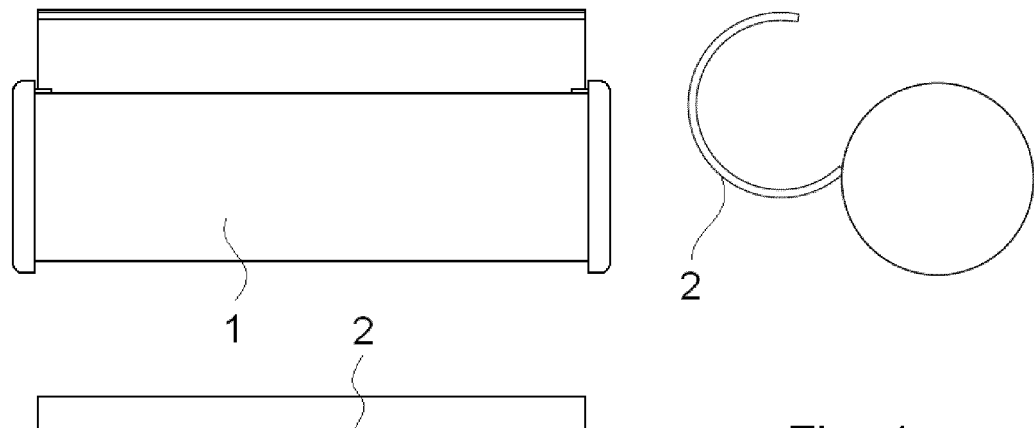


Fig. 4

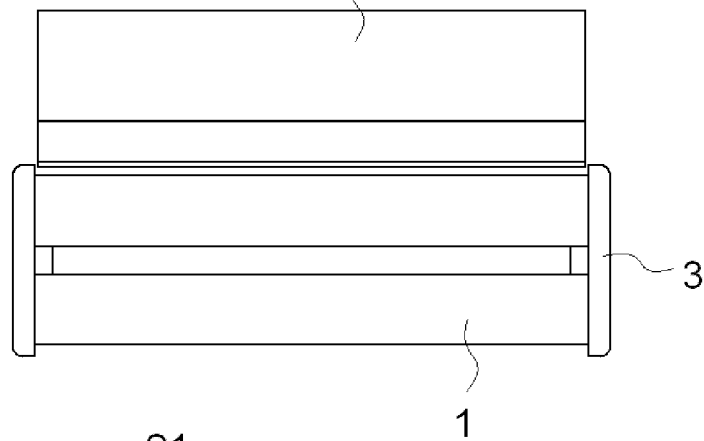


Fig. 5

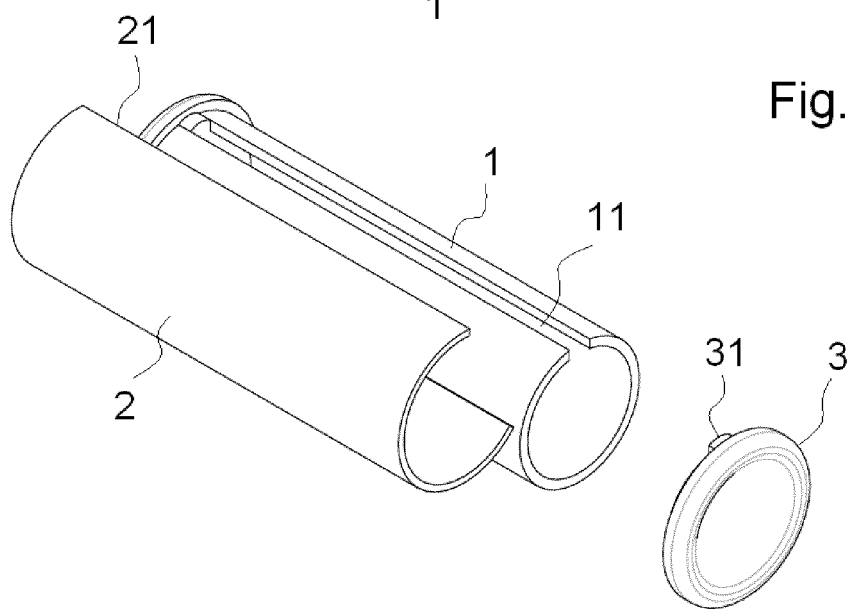
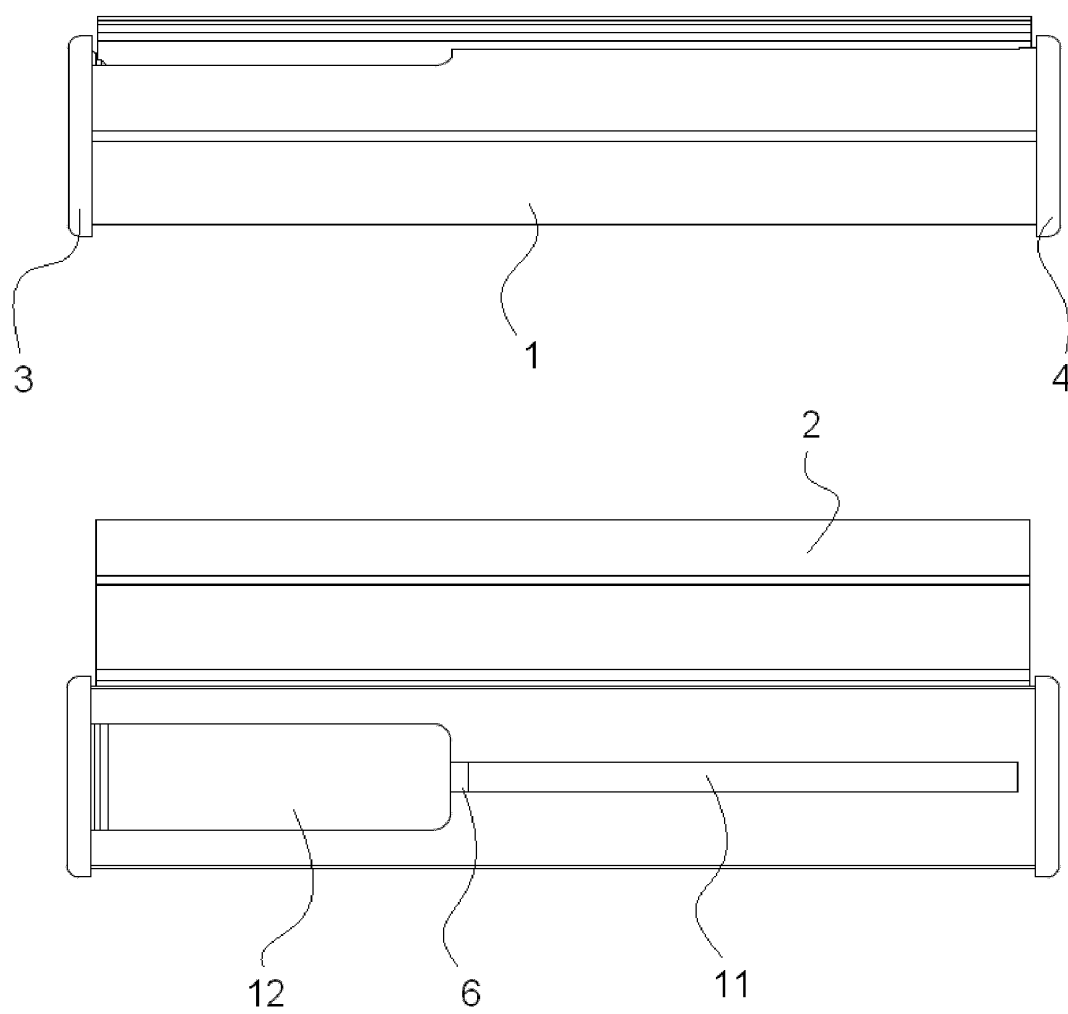


Fig. 6



INTERNATIONAL SEARCH REPORT

International application No.

PCT/ ES 2010/070336

A. CLASSIFICATION OF SUBJECT MATTER

see extra sheet

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)

A24F 17/00, B65H 35/00

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

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

INVENES, EPODOC, WPI

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 0111995 A1 (TAYLOR JAMES BRADLEY) 22.02.2001, page 3, lines 22- page 4, line 23; page 6, lines 16-30; figures.	1-4
Y	WO 9717272 A1 (GRAFFEI MAURIZIO) 15.05.1997, page 2, lines 24-36; page 4, lines 6-13; figure 2.	1-4
A	DE 215572 C (PLATEK, WLADYSLAW; GUDBINDER, DAVID) 24.10.1908, page 1, lines 14-35; figures.	1-3
A	DE 20104326 U1 (PEUKER CHRISTOPHER) 13.06.2001, description; figures.	1-3
A	BE 501681 A (HAAS, I) 31.03.1951, page 2, lines 19-45; figures.	1,2
A	US 1470154 A (DRAUGHON et al.) 09.10.1923, page 1, lines 39-82; figures.	1,2,4

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

* Special categories of cited documents:	"I"	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
"A" document defining the general state of the art which is not considered to be of particular relevance.		
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"P" document published prior to the international filing date but later than the priority date claimed		
	"&"	document member of the same patent family

Date of the actual completion of the international search

19.August.2010 (19.08.2010)

Date of mailing of the international search report

(25/08/2010)

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Form PCT/ISA/210 (second sheet) (July 2009)

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/ ES 2010/070336

Patent document cited in the search report	Publication date	Patent family member(s)	Publication date
WO 0111995 A	22.02.2001	AU 6706400 A	13.03.2001 13.03.2001 13.03.2001
WO 9717272 A	15.05.1997	ITMI 952305 IT 1284397 B IT M IT 1284396 B IT M IT 1284395 B AU 7565696 A EP 0859726 A EP 19960938105	09.05.1997 18.05.1998 09.05.1997 18.05.1998 09.05.1997 18.05.1998 29.05.1997 26.08.1998 06.11.1996
DE 215572 C	00-00-0000	NONE	-----
DE 20104326 U U	13.06.2001	NONE	-----
BE 501681 A	00-00-0000	NONE	-----
US 1470154 A	09.10.1923	NONE	-----

Form PCT/ISA/210 (patent family annex) (July 2009)

INTERNATIONAL SEARCH REPORT

International application No.

PCT/ ES 2010/070336

CLASSIFICATION OF SUBJECT MATTER

A24F 17/00 (2006.01)

B65H 35/00 (2006.01)