



(12) **EUROPEAN PATENT APPLICATION**

(43) Date of publication:
06.08.2008 Bulletin 2008/32

(51) Int Cl.:
A47F 5/08 (2006.01)

(21) Application number: **08380025.0**

(22) Date of filing: **04.02.2008**

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

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(30) Priority: **05.02.2007 ES 200700240**

(54) **Structure for showing elements of display ambiances**

(57) The invention is destined for showing different elements of display ambiances.

It is characterised in that comprises some vertical frames with an inverted "L" shape (1) and some horizontal cross-members (2) which are joined to the longer vertical

arms of the frames (1) by some bent tabs (4) fixed in the cross-members (2) and which are attached and secured to a slots (5) provided in the internal face of said vertical arms of the frame (1), the cross-members (2) furthermore constituting means of support and hanging for shelves (8), drawers (8') and other display elements.

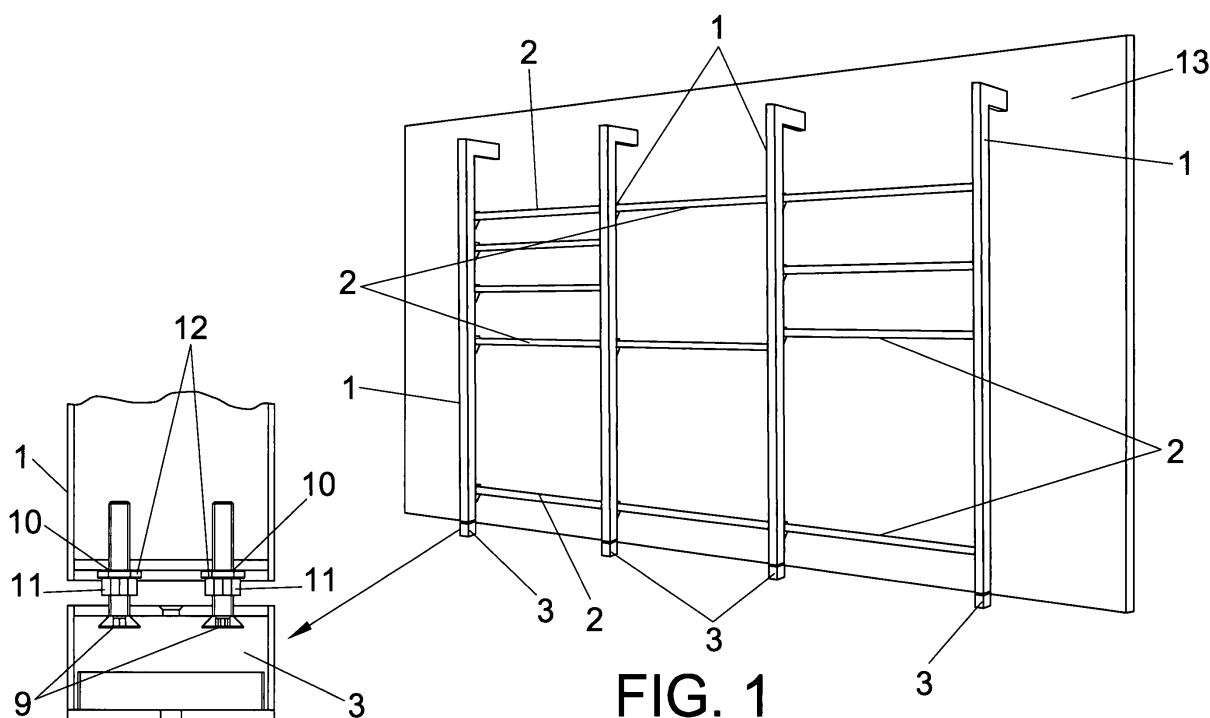


FIG. 1

DescriptionOBJECT OF THE INVENTION

[0001] The present invention relates to a structure for creating display ambiances intended to show different products, fundamentally ceramics, such as tiles and other coverings, as well as furniture or other type of elements, such as drawers, shelves and others.

PRIOR ART OF THE INVENTION

[0002] Conventionally, display ambiances are produced by means of display cabinets which have a considerable limitation since they usually show just one or two display elements, such as tiles or flagstones, or a combination of both.

DESCRIPTION OF THE INVENTION

[0003] The structure for creating display ambiances constituting the inventive object is characterised in that comprises an assembly formed from vertical frames in the form of an inverted "L" and some horizontal cross-members which are joined to the longer vertical arms of said frames.

[0004] The vertical arms of the frame in turn incorporate two alignments of pairs of slots intended to facilitate the attachment of the horizontal cross-members by some securing tabs which fit into those slots.

[0005] The inventive structure is furthermore complemented with shelves which incorporate certain characteristic means for securing to the horizontal cross-members. Said shelves support some of the elements to display.

[0006] The means of securing of the shelves on the cross-members essentially consist of some profiles with a groove which fit complementary to the cross-section of the cross-members in order to ensure their immobilisation and stability.

[0007] Thanks to the great many holes in the frames, the cross-members and therefore the shelves can be fitted in the most desired position as far as their height is concerned.

[0008] Another characteristic of the invention is that the frames rest on some feet which are adjustable in height in order to be able to level each of the frames precisely and independently, thereby counteracting any differences in height of the surface where the assembly of the inventive structure stands.

[0009] It can also be highlighted that the inventive structure permits the securing of other display elements, such as drawers, shelves and others.

[0010] Below, in order to facilitate a better understanding of this specification and forming an integral part thereof, some figures are attached in which, on an illustrative rather than limiting basis, the inventive object has been represented.

BRIEF DESCRIPTION OF THE DRAWINGS**[0011]**

Figure 1.- Shows a perspective view of the structure for creating display ambiances, the inventive object.
Figure 2. - Shows a detailed view of the inventive structure.

Figure 3.- Shows a profile view of the means of coupling of a shelf forming part of the invention.

Figure 4.- Shows another similar view to the previous one where the element that couples and hangs from the inventive structure is some drawers.

[0012] DESCRIPTION OF THE PREFERRED FORM OF EMBODIMENT

Considering the numbering adopted in the figures, the structure for creating display ambiances comprises some vertical frames with an inverted "L" shape 1 complemented with some horizontal cross-members 2 which possess end wings 6 provided with some bent tabs 4 which fit into some slots 5 provided in the interior faces of the longer vertical arms of the frames 1.

The frames 1 and the horizontal cross-members 2 comprise profiles of rectangular and/or quadrangular cross-section, though others are possible.

So, the cross-members 2 are attached to the frames 1 by the said bent tabs 4, thereby creating a rigid and resistant base assembly.

Also included are some shelves 8, drawers 8' and other elements, which incorporate profiles with an inverted "U" shape 7 for hanging and ensuring the attachment of such shelves 8, drawers 8' and similar on the horizontal cross-members 2, clasping the latter.

The objects to display are supported on the shelves.

Moreover, the frames 1 rest on some feet 3 that are adjustable in height in order to be able to level the frames precisely and therefore the entire inventive structure.

To achieve this, the feet 3 incorporate some vertical screws 9, the end sections of which are introduced and guided in some facing holes 10 of the base of the frames 1, and at the same time some nuts 11 and washers 12 are coupled to the screws, with the vertical frames actually resting on those washers 12, such that by turning the nuts 11 we adjust the height of the frames.

The free ends of the shorter arms of the said frames 1 are attached and rest on a vertical panel 13.

Claims

1. STRUCTURE FOR SHOWING ELEMENTS OF DISPLAY AMBIENCES, characterised in that comprises:

some vertical frames with an inverted "L" shape (1);
 some horizontal cross-members (2) which are joined to the longer vertical arms of the frames (1) by some bent tabs (4) fixed in the cross-members (2), said bent tabs being attached and secured to a slots (5) provided in the internal face of said vertical arms of the frame (1);
 some shelves (8), drawers (8') and other display elements, being supported or hung by the cross-members (2); and
 a height adjustment mechanism for the vertical frames.

2. STRUCTURE FOR SHOWING ELEMENTS OF DISPLAY AMBIENCES, according to claim 1, **characterised in that** said slots (5) of the frames (1) are arranged in two vertical parallel alignments.
3. STRUCTURE FOR SHOWING ELEMENTS OF DISPLAY AMBIENCES, according to any of the above claims, **characterised in that** the shelves (8), drawers (8') and other display elements have an elongated profile (7) with a groove that is adapted to the cross-section of the cross-members (2), clasping them tightly in order to ensure a stable and immovable attachment of said display elements.
4. STRUCTURE FOR SHOWING ELEMENTS OF DISPLAY AMBIENCES, according to any of the above claims, **characterised in that** the horizontal cross-members incorporate some end wings (6) from which project the bent tabs (4).
5. STRUCTURE FOR SHOWING ELEMENTS OF DISPLAY AMBIENCES, according to any of the above claims, **characterised in that** the height adjustment mechanism for the frames (1) comprises: some feet (3) and some screws (9) embedded by their head in said feet (3), coupled to those screws (9) being some nuts (11) and washers (12) on which the frames (1) are supported, and at the same time the end sections of the screws (9) are introduced and guided in complementary holes (10) located in the lower ends of the frames (1).

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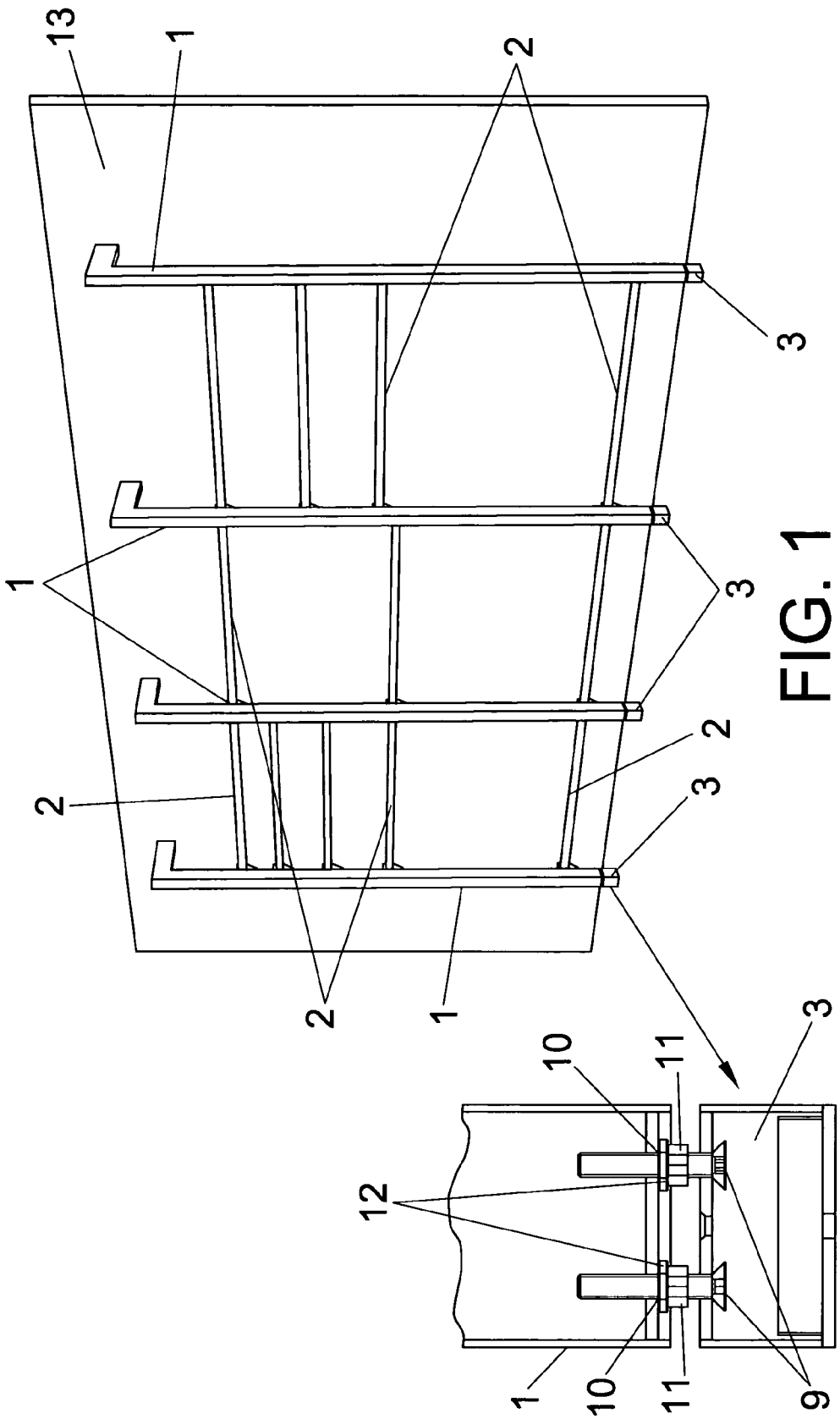


FIG. 1

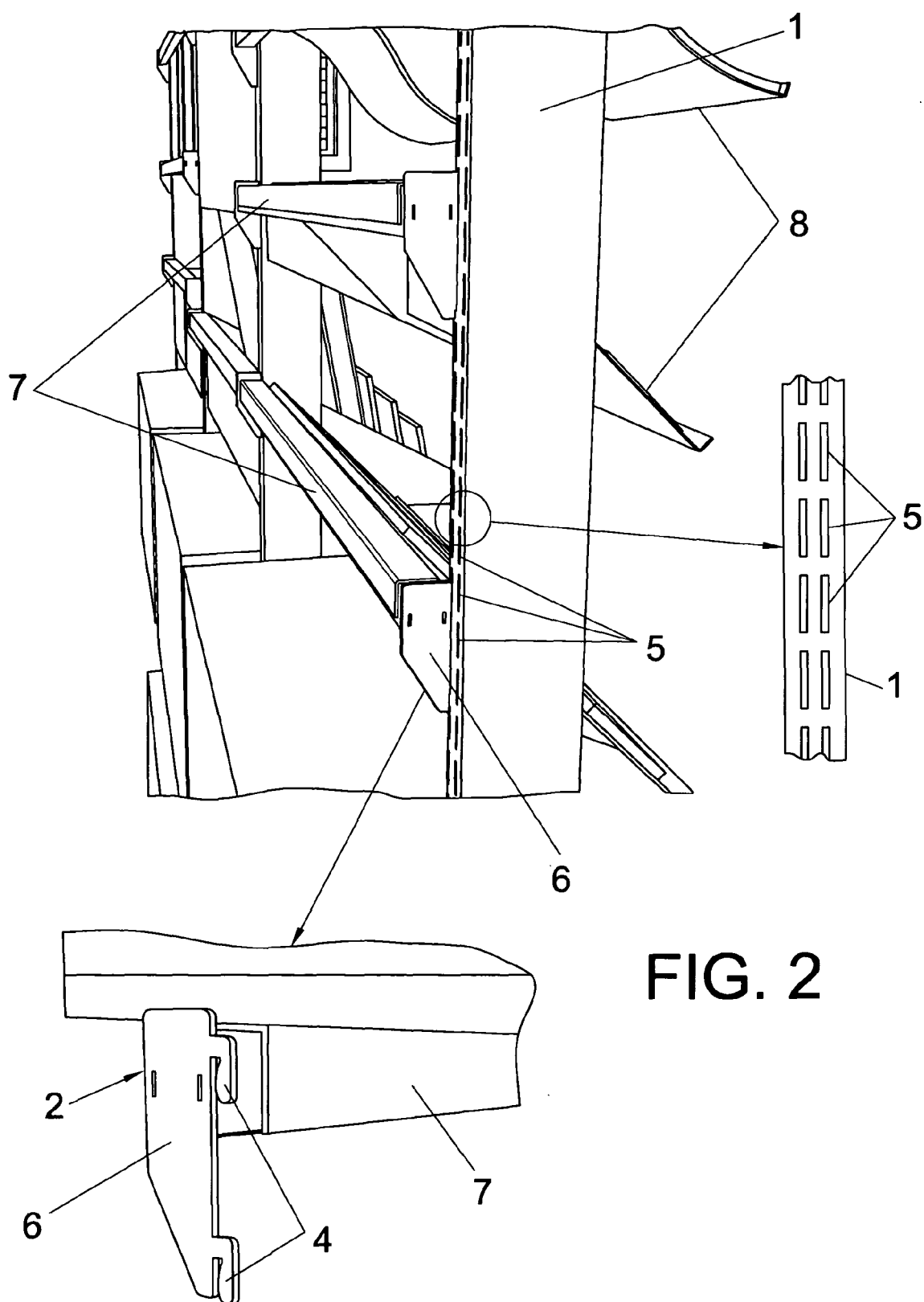


FIG. 2

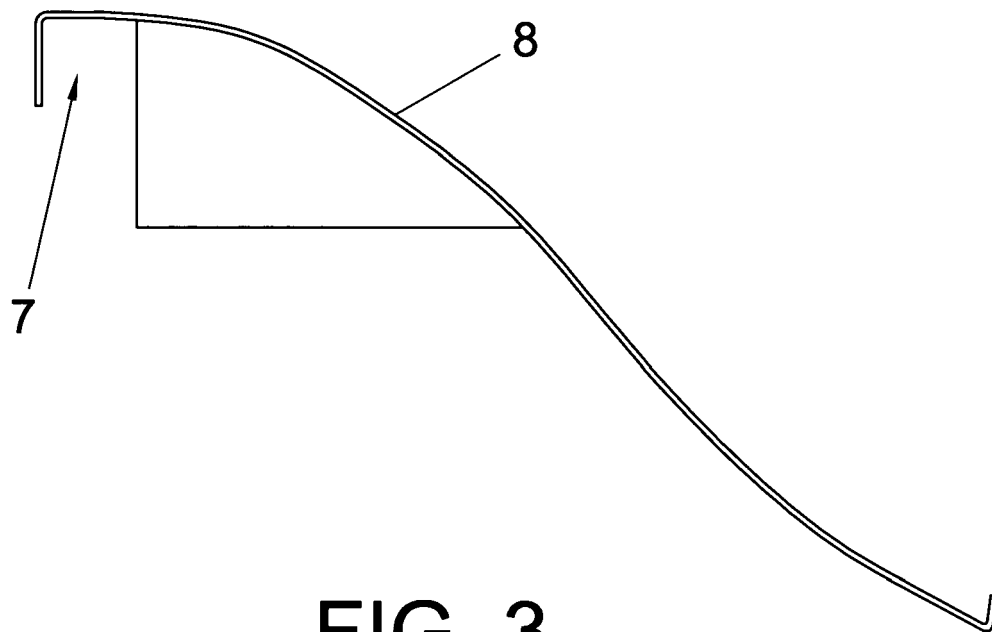


FIG. 3

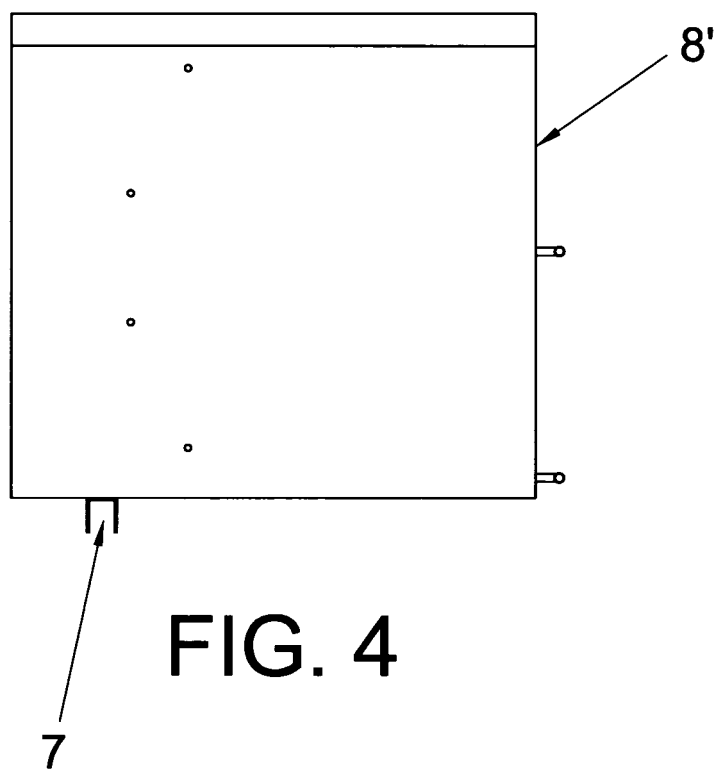


FIG. 4



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 08 38 0025

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
A	US 6 029 833 A (YEH KUO-HUEI) 29 February 2000 (2000-02-29) * figure 9 *	1,3,5	INV. A47F5/08
A	GB 2 326 328 A (ROTHLEY BURN LIMITED) 23 December 1998 (1998-12-23) * figures 1,2 *	1	
			TECHNICAL FIELDS SEARCHED (IPC)
			A47F A47B
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 29 May 2008	Examiner Reichhardt, Otto
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			

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EPO FORM 1503 03.82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 08 38 0025

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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29-05-2008

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6029833	A	29-02-2000	DE 29803318 U1	14-05-1998

GB 2326328	A	23-12-1998	NONE	
