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(54) **Advertising panel for the selective collection of waste**

(57) An advertising panel for the selective collection of domestic waste, especially the type that is placed in urban areas for external advertising, that is made up with a body (1) that is substantially parallelepiped, internally hollow, that has two adjacent vertical panels (2) for the

placement of advertising notices, which are separated by an internal centre section, having said internal centre section a plurality of tubular compartments (3), independently removable aimed at the selective collection of waste with an opening for each one of the above stated compartments (3).

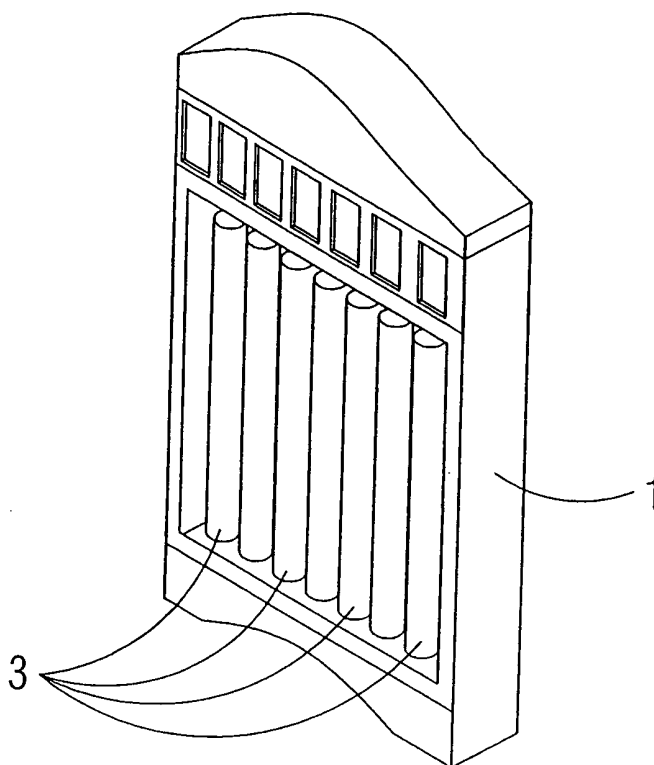


FIG. 3

Description

OBJECT OF THE INVENTION

[0001] The object of this Invention is an advertising panel for the selective collection of waste that includes appreciable innovations and advantages over other devices or containers with the same purpose.

[0002] More specifically, the invention refers to an advertising panel designed for the selective collection of waste, in particular the type that is placed in urban areas for exterior advertising, said panel being made up with a body that is substantially parallelepipedic, internally hollow, that has two adjacent vertical panels for the placement of advertising notices, which are separated by an internal centre section.

BACKGROUND TO THE INVENTION

[0003] There is an ever increasing awareness in the recycling of waste, especially urban types of waste, with the aim of reducing the environmental impact generated by those areas used for the storage of rubbish and similar items, hence the official public bodies are investing more each year in the installation of containers for the collection of different types of waste, such as, those for plastic, glass, paper, etc. and at the same time the container manufacturing companies are continually developing a multitude of products with varying configurations of shape and structure basically aimed at waste collection, as is the container for waste collection that is described in the Utility Model Application no. U 200600518.

[0004] However, these types of containers whose contribution to the environment is indisputable do require the use of additional space on the public highways; hence the public space aimed at other uses is reduced.

DESCRIPTION OF THE INVENTION

[0005] The present invention has been developed for the purpose of providing an advertising panel aimed at the selective collection of waste that solves the previously stated disadvantages, in addition giving other advantages that will be evident from the description that is attached below.

[0006] The advertising panel of this invention is designed for the selective collection of waste, especially the type that is placed in urban areas for external advertising, commonly known under the name of urban furniture, where said panel is made up with a body that is substantially parallelepipedic, internally hollow, that has two adjacent vertical panels for the placement of advertising notices, which are separated by an internal centre section, and is characterized in that a plurality of tubular compartments, independently removable aimed at the selective collection of waste with an opening for each one of the above stated compartments.

[0007] Thanks to these characteristics, an original con-

tainer is obtained with simple and low cost production that has two distinct purposes. One first purpose is that of the advertising and the second purpose is that of the collection of waste, the main advantage being that it does not require any additional space to house the panel as it is taking advantage of the inside of the advertising panels that can be located anywhere in urban areas so as to be used as space for waste collection.

[0008] By preference the advertising panel of the invention is made up of at least five independent compartments for the collection of five different types of waste.

[0009] In accordance with another aspect of the invention, the opening for each one of the compartments has a shape corresponding to the profile and/or shape of the item to be deposited.

[0010] Advantageously, the coupling of the compartments on the inside of the central section of the panel is made by snap fits, in such a way that it does not require any additional elements likewise any complex fixing systems, thus reducing the production costs.

[0011] Other characteristics and advantages of the advertising panel object of this present invention will become clear from a description of a preferred embodiment, but it is not exclusive, the drawings that are attached are by way of illustration but without being in any way limiting.

A BRIEF DESCRIPTION OF THE DRAWINGS

[0012]

Figure 1 shows a front raised view of the advertising panel aimed at the selective collection of waste in accordance with the present invention.

Figure 2 shows a perspective view of the panel front with the vertical panels in an open position and without the presence of the compartments; and

Figure 3 shows a perspective view similar to the above in which different tubular compartments are shown.

A DESCRIPTION OF A PREFERRED EMBODIMENT

[0013] As and how shown in Figures 1 and 2, a preferred embodiment of the advertising panel is aimed at the selective collection of waste, especially being of the type that is placed in urban areas for outdoor advertising and forming a part of the urban furniture, and is made up of a body (1) that is appreciably parallel piped, internally hollow and made from an appropriate resistant material that has two adjacent vertical panels (2) for the placement of advertising notices that have transparent material screen, and in which these are separated by an internal central section. Said panels (2) coincide fully with two access doors to gain access to the inner section, as and how can be seen with greater clarity in Figure 2.

[0014] The stated inner central section of the advertising panel is fitted with a plurality of tubular compartments that are elongated vertically, they are independent (3)

and removable, more specifically there are seven compartments (3), (see Figure 3) each one designed for the selective collection of differing domestic waste, such as compact discs, light bulbs, used batteries, mobile telephone batteries, etc., with a separate opening (4) for each one of the above-mentioned compartments on the upper part.

[0015] It is worth mentioning that the input opening (4) of each one of the compartments (3) has a shape corresponding to the profile and/or shape of the waste item to be deposited, thus for example, the compartment designed for the collection of used batteries has an opening with a circular shape whilst the one designed for the collection of compact discs has a rectangular groove shape with limited width and on which there is space for the addition of a graphical indication of the waste to be deposited.

[0016] In regard to the fixing of the differing compartments on the inside of the central section of the panel this is made by means of snap fits. Once the compartments (3) are full it is only necessary to open the access doors and empty the compartments (3) and then once again fit them back inside of the main body (1) of the advertising panel.

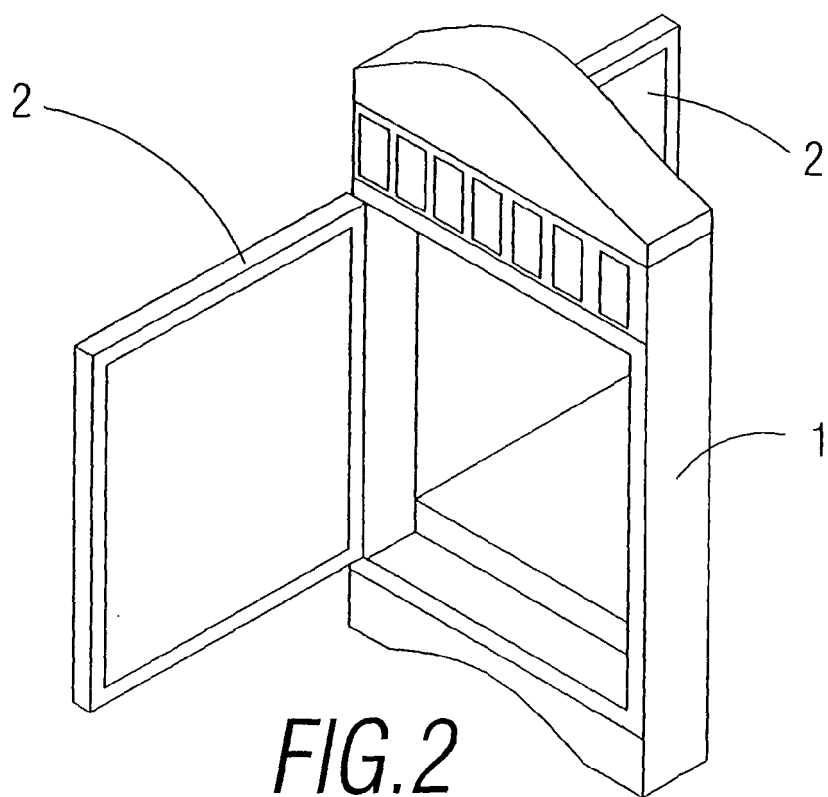
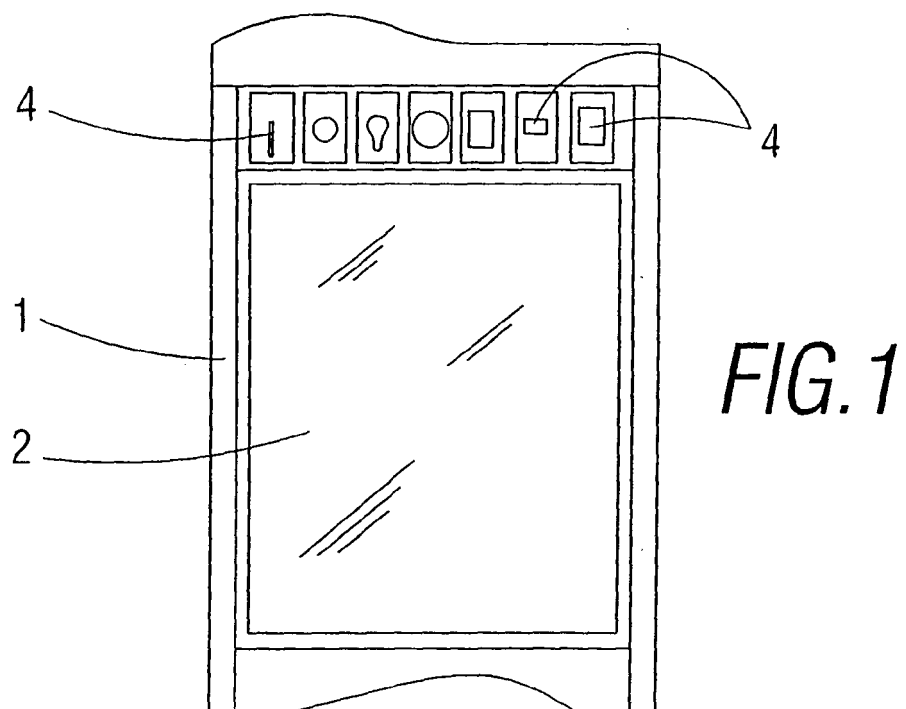
[0017] The input openings (4) are arranged on the upper part of one of the vertical panels (2) although there is also the possibility of them being located on both sides of the advertising panel.

[0018] The details, shapes, sizes and other accessory elements, likewise the materials used in the manufacture of the advertising panel designed for the selective collection of waste of the invention can be appropriately substituted by others that are technically equivalent and do not stray away from the essentiality of the invention or the scope defined by the claims that are included below.

Claims

1. An advertising panel for the selective collection of domestic waste, especially the type that is placed in urban areas for external advertising, that is made up with a body (1) that is substantially parallelepipedic, internally hollow, that has two adjacent vertical panels (2) for the placement of advertising notices, which are separated by an internal centre section, **characterized in that** said internal centre section has a plurality of tubular compartments (3), independently removable aimed at the selective collection of waste with an opening for each one of the above stated compartments (3).
2. An advertising panel according to Claim 1, **characterized in that** it has at least five independent compartments (3).
3. An advertising panel according to Claim 1, **characterized in that** the input opening (4) for each one of the compartments (3) has a shape corresponding to the profile and/or shape of the item to be deposited.

4. An advertising panel according to Claim 1, **characterized in that** the fixing of the compartments on the inside of the central section of the panel is carried out by snap fits.
5. An advertising panel according to Claim 1, **characterized in that** the input openings (4) are arranged at the top part of one of the vertical panels (2).



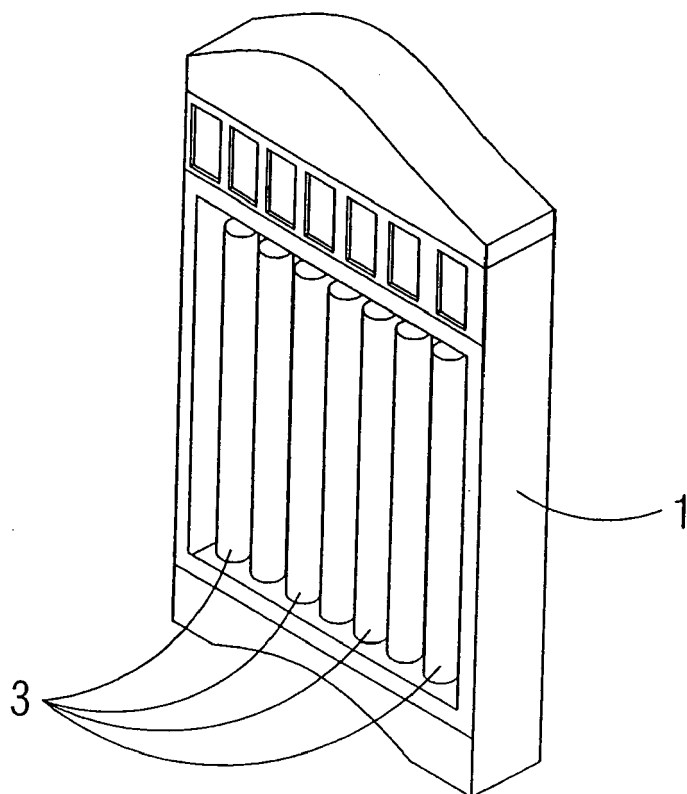


FIG. 3



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 07 00 7498

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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A	* the whole document *	3	

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A	* paragraph [0011] - paragraph [0025] * * figures 1-8 *	2,4	

A	DE 94 05 904 U (E. BERNADOTTE ET AL.) 18 August 1994 (1994-08-18) * page 6, line 12 - page 10, line 11 * * figures 1-5 *	1	TECHNICAL FIELDS SEARCHED (IPC) B65F G09F

A	DE 91 15 348 U (E. WEBER ET AL.) 13 February 1992 (1992-02-13) * page 8, line 11 - page 11, line 12 * * figures 1,2 *	1	

The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 1 October 2007	Examiner Smolders, Rob
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 07 00 7498

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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01-10-2007

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