

(19)



Europäisches Patentamt

European Patent Office

Office européen des brevets



(11)

EP 0 963 921 A2

(12)

EUROPEAN PATENT APPLICATION

(43) Date of publication:

15.12.1999 Bulletin 1999/50

(51) Int. Cl.⁶: **B65F 1/00**

(21) Application number: **99500045.2**

(22) Date of filing: **18.03.1999**

(84) Designated Contracting States:

**AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU
MC NL PT SE**

Designated Extension States:

AL LT LV MK RO SI

(30) Priority: **18.03.1998 ES 9800749**

(71) Applicant:

**Solana Murillo, Anastasio
28803 Alcala de Henares, Madrid (ES)**

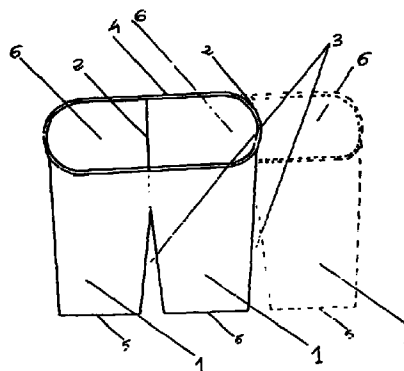
(72) Inventor:

**Solana Murillo, Anastasio
28803 Alcala de Henares, Madrid (ES)**

(54) Compartmented rubbish bin

(57) This invention is a bucket which has the use of keeping rubbish. The bucket consists of two, three or more fixed compartments, joined together in an only piece, except for its lids and handles, although these could be part of the same body.

All its compartments have the same characteristics in which you can to deposit different residues and so it would facilitate the recycling.



EP 0 963 921 A2

Description

The aim of the invention

[0001] The present invention, as it has been said in the title of this descriptive memory, is a bucket which has the use of keeping rubbish and because it divides residues and it is simple, it will obtain numerous and notable advantages over other existing ways with analogous finality, it is easier and more comfortable to separate residues for the user.

[0002] The present bucket consists of two, three or more fixed compartments, joined together, in an only piece. All its compartments have the same characteristics, capacity and levels in which you can introduce bags to deposit different residues and so it would facilitate the subsequent recycling.

Antecedents of the invention

[0003] Other deposits of rubbish with different cavities are already known. So, there are drawers with two top modules with hinges on its lids, as well as an extractive drawer on its lower part that in turn lodges another are with drawers which access its two upper modules and occupies its corresponding space between them.

[0004] This system presents the disadvantages of its mechanism of drawers with the resulting difficulties of handling its stores, as well as for the lodging of the different types of residues, where not all of them can set bags for the transport of themselves to the different containers in the public way.

[0005] By the same to it, others in which a bucket inside is introduced to separate the different residues, and so it needs different deposits or buckets.

[0006] Others introduce sheets by means of path to separate with the consequent complexity and instability.

Description of the invention

[0007] The bucket which is presented as a great innovation, characterizes for its simplicity and the big capacity of diversity in its deposits for the lodging of the different residues, comprises two, three or more fixed compartments, in which you can introduce bags for the deposit of these, making easy the selection for its subsequent recycling, in such a way that every material has its own deposit: glass in a compartment, plastic in another, etc...

[0008] The bucket is made by an only piece except for its lids and handles, although these could be part of the same body.

[0009] The forms in which it can be designed, are different: oval-shaped, cylindrical, hexagonal, or other geometrical forms.

[0010] Its entrances or openings are all installed in the back, divided by partition walls to separate the sections.

[0011] Its upper brink will be reinforced for the setting of the lid, which can be made of an only piece from the whole general entrance or of one for each of its sections.

[0012] In the lower part of the basis of the aforesaid bucket, you will find its walls separated, so it separates its sections, allowing for its better storing and the transport to its distributors.

[0013] Its composition will be made with plastic generally, although it could be made with other components which could adapt better to the use of industries or such.

[0014] The colours of manufacturing of the container as well as of lids will be different and so it will facilitate and differentiate its deposits. These could be the chosen colours by the U.E., to recycle or other varied colours.

A short description of the picture

[0015] It shows a lateral sight with its divisions, as well as its upper part in one of the patterns of figures, the shapes of one of the chosen figures.

Description of a favourite shape

[0016] As we can see in the picture, we observe that it is about a group of buckets in one formed by one body with different or an undefined number of multiple compartments.

[0017] It is found separating innerly the entrances and bodies by partition (2) (5) walls and spaces between them.(3)

[0018] In the same way, the handle or handles, lid or lids depending on the pattern, are part of its shape, the handleless for the same body of the bucket, or they are attached to one or some of its walls.

[0019] The lids can be for an only body or for each of its compartments, or one that encompasses the whole entrance.

[0020] Its simplicity is an appreciable advantage, and so are its domestic use and its manufacturing.

Claims

1. Several rubbish bins in one, characterized by having a general body with a geometric form divided into various compartments intervening fixed partition walls, with handleless and lids.
2. In the lower part of its base there are each of the compartments apartedly, nearly at one average height slanting down.
3. The brink of the entrance is found reinforced for the better connection of its lids, which could be one for the whole or one for each of the compartments.

