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Description

Technical Field

[0001] The invention relates to an urn, specifically a burial/funerary urn, made in an environmentally friendly material such as e.g. paper pulp hereafter called PULP.

Background

[0002] Traditionally, urns have been made in porcelain and ceramic, but when perishability was desired, cardboard has been used, which was build up and subsequently surface-treated with paint or the like. (see e.g. ES 107059 U).

[0003] The drawback to the easily perishable or degradable urns is that they have been relatively financially expensive and relatively time-consuming to manufacture.

Disclosure of the invention

[0004] The invention provides an urn according to the prior art, that is less financially expensive and less time-consuming to manufacture.

[0005] The novel aspect is that it is made up by a unit, which consists in a first stage of an open but foldable unit, which section by section has the shape of an urn in vertical "peels", and wherein there is a continuous, foldable material between the vertical peels, and where in its collected state, this material allows that each vertical urn peel is joined in straight vertical continuous joints so that the assembled urn appears in a perfect jar shape.

By the expression "foldable unit" is meant that the unit can be pleated.

[0006] Hereby it is achieved that a jar-shaped urn of PULP can be established, which has not previously been possible to create as a collected unit.

[0007] This is to be viewed in the perspective that the urn in itself must be leak-proof so that no ashes can be dropped from the collected urn.

[0008] Further, the novel aspect is that the lid for the urn is also made of a foldable material, but where the vertical peels sectionally have a shape that is a part of the lid.

[0009] Hereby, it is achieved that the lid as a foldable unit can be collected to a unity, which on the outside will appear as a completely shaped lid.

[0010] Further, the novel aspect is that the lid is made as a cast "hat" unit without vertical "peel" joints and without intermediate folding sections.

[0011] Hereby, it is achieved that an extra operation can be saved compared to the previous solution for manufacturing and shaping of a lid belonging to the urn.

[0012] Further, the novel aspect is that the lower edge of the lid is bent slightly inwardly, and where the corresponding upper edge of the urn has a trimming, which also bends inwardly for the establishment of a locking of the lid to the upper edge of the urn.

[0013] Hereby, it is achieved that the lid can be more or less fixed to the top of the urn.

Detailed description of the Invention

Fig. 1 shows an urn 1 according to the invention in a perspective view, where the urn 1 is made in a cast unit in an unfolded state. Here it is shown that the urn 1 consists of four sections 2, the number of which may be both fewer and more, constituting the outer cape of an urn 1 according to the invention and the sections of folding arrangements 3 between the sections of the outer cape 2. The folding sections 3 are concertina folds (pleated), where the gaps between the folds are thin close to the bottom 4 of the urn 1, while its width is expanded in the direction towards the top 5 of the urn 1. When the urn 1 is folded in a unit as shown in Fig. 3, the folding arrangements 3 will be within the outer cape 2 of the urn 1 and will be visible within the inner volume of the urn 1. The urn 1 can be folded by moving the top of the sections in the direction towards the centre of the urn as shown by arrows A and B, where the bottom 4 of the urn 1 can be collected as a plane surface, which allows for the urn 1 to be placed on a plane surface without the risk of it being unstable.

Fig. 3 shows the urn 1 of Fig. 1 in a collected state, where the sides of the sections 2 fit closely to the adjoining section 2 so that a joint 6 is created be-
tween the sections, which have the same contour as the outer surface of the sections 2 and the urn, which results in that the urn 1 is shaped in a jar shape.

Fig. 2 shows an alternative version of an assembled or collected urn 10, which is assembled in a manner similar to the urn 1 as shown in Fig. 1 and 3. The urn 10 has a number of vertical sections 11, which, when folded, constitute the outer surface of the urn 10, and the folding sections (not shown) are hidden from the surface and can be folded inside the inner volume of the urn 10. The joints 15 of the sections 11 have the same shape as the outer surface of the urn 10. Further, this urn 10 is provided with a lid 14, which is fixed or positioned on the top 13 of the urn 10, which in this case extends the outer surface of the urn 10 onto the lid 14.

From the invention it can be understood that the folding sections can be removed from the inner volume after the folding of the urn. Further, the folding sections may be provided so that the joints between the vertical sections maintain its shape after folding by adhering or fixing the folding sections in their folded state.

Claims

1. An urn in an environmentally friendly material such as paper pulp called PULP, characterised in that it is made up by a unit, which consists in a first stage of an open but foldable unit, which section by section has the shape of an urn in vertical peels, and where there is a continuous, foldable material between the vertical peels, and where in its collected state, this material is adapted to allow that each vertical urn peel is joined in straight vertical continuous joints so that the assembled urn appears in a perfect jar shape.

2. An urn in an environmentally friendly material such as paper pulp called PULP according to claim 1, characterised in that a lid of the urn is also made of a foldable material, but where the vertical peels section by section have the shape as part of the lid.

3. An urn in an environmentally friendly material such as paper pulp called PULP according to claim 1, characterised in that a lid is made as a cast hat unit without vertical peel joints and without intermediate folding sections.

4. An urn in an environmentally friendly material such as paper pulp called PULP according to claim 1, characterised in that the lower edge of the lid is bent slightly inwardly and where the corresponding upper edge of the urn has a trimming, which also bends inwardly for the establishment of a locking of the lid to the upper edge of the urn.

Patentansprüche

1. Eine Urne aus einem umweltfreundlichen Material wie Papiermasse namens PULP, dadurch gekennzeichnet, dass sie aus einer Einheit aufgebaut ist, welche in einem ersten Stadium aus einer offenen aber faltbaren Einheit besteht, welche Abschnitt für Abschnitt die Form einer Urne in vertikalen Schalen hat, und wo ein kontinuierliches, faltbares Material zwischen den vertikalen Schalen ist, und wo in ihrem gefassten Zustand, dieses Material geeignet ist, um zu gewährleisten, dass jede vertikale Urnen-Schale in geraden vertikalen kontinuierlichen Fugen verbunden ist, so dass die zusammengesetzte Urne in einer perfekten Gefäßform erscheint.

2. Eine Urne aus einem umweltfreundlichen Material wie Papiermasse namens PULP entsprechend Anspruch 1, dadurch gekennzeichnet, dass ein Deckel der Urne ebenfalls aus einem faltbaren Material gemacht ist, aber wo die vertikalen Schalen Abschnitt für Abschnitt die Form eines Teils des Deckels haben.


4. Eine Urne aus einem umweltfreundlichen Material wie Papiermasse namens PULP entsprechend Anspruch 1, dadurch gekennzeichnet, dass die untere Kante des Deckels leicht nach Innen geneigt ist und wo die entsprechende obere Kante der Urne eine Abschrägung hat, welcher zur Herstellung eines Verschlusses des Deckels mit der oberen Kante der Urne ebenfalls nach Innen neigt.

Revendications

1. Urne fabriquée dans un matériau qui respecte l’environnement tel que de la pâte à papier dénommée PÂTE, caractérisée en ce qu’elle se compose d’une unité, qui consiste dans une première étape en une unité ouverte mais pliable, qui présente section par section la forme d’une urne dans des pans verticaux, et où il y a un matériau continu et pliable entre les pans verticaux, et où dans son état rassemblé, ce matériau est adapté pour permettre à chaque pan vertical de l’urne d’être joint en joints continus verticaux droits de telle sorte que l’urne assemblée présente une forme de jarre parfaite.
2. Urne fabriquée dans un matériau qui respecte l'environnement tel que de la pâte à papier dénommée PÂTE selon la revendication 1, caractérisée en ce qu’un couvercle de l’urne est également réalisé dans un matériau pliable, mais où les pans verticaux présentent section par section la forme en tant qu’élément du couvercle.

3. Urne fabriquée dans un matériau qui respecte l’environnement tel que de la pâte à papier dénommée PÂTE selon la revendication 1, caractérisée en ce qu’un couvercle est réalisé sous la forme d’une unité de chapeau moulée sans joints de pans verticaux et sans sections de pliage intermédiaires.

4. Urne fabriquée dans un matériau qui respecte l’environnement tel que de la pâte à papier dénommée PÂTE selon la revendication 1, caractérisée en ce que le bord inférieur du couvercle est plié légèrement vers l’intérieur et où le bord supérieur correspondant de l’urne présente une découpe, qui se plie également vers l’intérieur pour l’établissement d’un verrouillage du couvercle sur le bord supérieur de l’urne.
REFERENCES CITED IN THE DESCRIPTION

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Patent documents cited in the description

• ES 1070559 U [0002]