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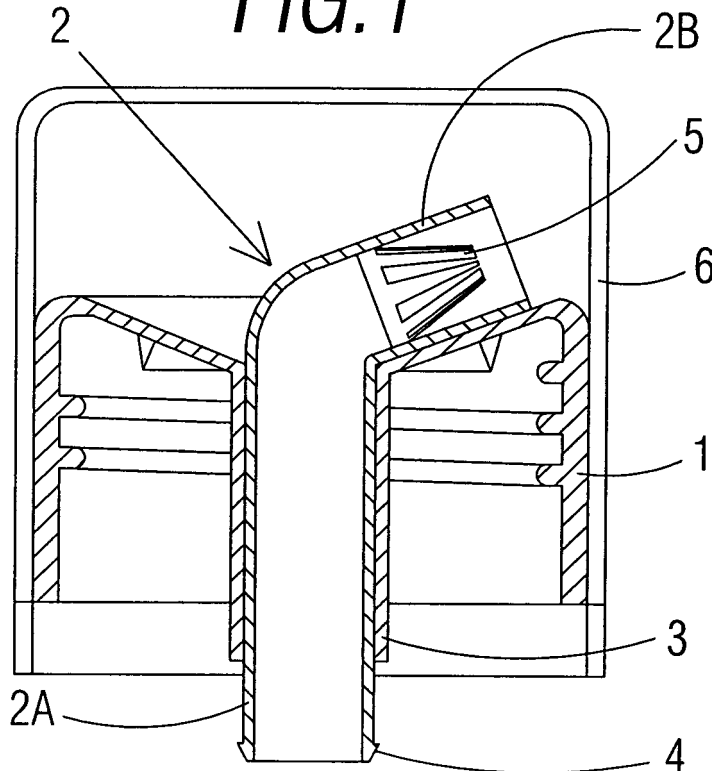
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(54) Improved antidrip dosing stopper for bottles

(57) An improved antidrip dosing stopper for bottles, in particular for a bottles which contain oil or similar liquid therewithin, being said stopper constituted by a cylindrical portion (1) whose inner wall has a portion including coupling means for coupling to the bottleneck, having

central region of the stopper a internally hollow extension (2) whereby inner liquid comes from thereof having a substantially upright lower portion (2A) and a second upper portion (2B) by way of bend, wherein said extension (2) includes travelling means in upright way with regards to cylindrical portion.

FIG. 1



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DescriptionOBJECT OF THE INVENTION

[0001] The object of the present invention is to provide an improved antidrip dosing stopper for bottles, in particular for a bottles incorporating appreciable features and advantages with respect to other currently known stopper.

[0002] More specifically, it relates to an improved antidrip dosing stopper for bottles, in particular for a bottles which contain oil or similar liquid therewithin, being said stopper constituted by a cylindrical portion whose inner wall has a portion including coupling means for coupling to the bottleneck, having central region of the stopper a internally hollow extension whereby inner liquid comes from thereof having a substantially upright lower portion and a second upper portion by way of bend.

BACKGROUNDS OF THE INVENTION

[0003] Nowadays there is a wide variety of designs of vinegar bottles, which can be found in restaurants for an individual use. However, on many premises there is a tendency to replace classical design of oil bottles by little bottle-shape packages, having checked with time that there is a drawback that when bottle is moved by user to finish oil pouring, oil drops may fall outside recipient that use to stain table, recipient of the bottle or floor. Antidrip stopper disclosed in published Utility Model no. 1061146 whose applicant is the same than present application solves this drawback.

SUMMARY OF THE INVENTION

[0004] The present invention has been developed in order to provide an improved antidrip dosing stopper presenting other additional advantages, which will become apparent from description, which is accompanied then.

[0005] The improved antidrip dosing stopper for bottles object of the invention, in particular for a bottles which contain oil or similar liquid therewithin, is of the kind being constituted by a cylindrical portion whose inner wall has a portion including coupling means for coupling to bottleneck, having central region of the stopper a internally hollow extension whereby inner liquid comes from thereof having a substantially upright lower portion and a second upper portion by way of bend, and it is characterised in that said extension includes travelling means in upright way with regards to cylindrical portion.

[0006] Preferably, the travelling means consist of hollow duct situated in the cylindrical portion through whose inside the extension may slide upwardly and/or downwardly whereby liquid can come from, being the lower end of duct provided with path detaining means.

[0007] Advantageously, the second portion of the extension is provided with dosing means for the similar or oil pouring, so as to avoid pouring of a substantial stream

and with a lower speed, being said dosing means formed by a plurality of fins separated and radially provided within second upper portion by way of bend, so that innermost diameter is greater than outermost diameter.

[0008] Thanks to these features, and advantageous stopper is obtained allowing to reduce space or volume occupied by stopper of the bottle which includes an antidrip stopper as above-mentioned in backgrounds of the invention when it is sealed together with the bottle in a easy way.

[0009] Further features and advantages of the antidrip dosing stopper object of the present invention will become apparent from description of a preferred embodiment, illustrated only by way of non-limitative example in drawings which are accompanied, wherein:

BRIEF DESCRIPTION OF THE DRAWINGS**[0010]**

Figure 1 is a cross-sectional view of the improved antidrip dosing stopper in a sealed condition according to the present invention; and

Figure 2 is a cross-sectional view of the stopper shown in above figure in a second position of the extension.

DESCRIPTION OF A PREFERRED EMBODIMENT

[0011] In an embodiment herein disclosed, an improved antidrip dosing stopper for bottles made up of plastic material, in particular for bottles which contain oil or similar liquid therewithin, is constituted by a cylindrical portion (1) whose inner wall has a portion including coupling means for coupling to bottleneck, particularly in threaded portion, having central region of the stopper a internally hollow extension (2) whereby inner liquid comes from thereof having a substantially upright lower portion (2A) and a second upper portion (2B) by way of bend. Advantageously, said extension (2) includes travelling means in upright way with regards to cylindrical portion (1) so that when bottle stopper is sealed by a outer casing (6) including a sealing or lower guarantee ring, said extension (2) is in a downward position (See figure 1), whereas in an operating condition, the extension (2) is in a high position (See figure 2).

[0012] The travelling means consist of a internally hollow duct (3) situated in the cylindrical portion (1) and in downwardly way which acts as guide through whose inside the extension (2) can slide upwardly and/or downwardly whereby liquid can come from, being lower end of duct provided with path detaining means. These detaining means consist of a protruding little flange (4) diametrically placed in the lower region of the duct (3).

[0013] The second upper portion (2B) of the extension (2) is provided with dosing means for the similar or oil pouring, so that liquid, which comes from the bottle through the stopper, is smoothed and in turn refill is avoid-

ed.

[0014] As can be seen in attached figures, said dosing means essentially consist of a plurality of fins (5) separated and radially provided within second upper portion (2B) by way of bend defining a substantially tapered area, so that innermost diameter is greater than outermost diameter.

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[0015] Details, shapes, dimensions and further elements, as well as materials employed in the practical embodiment of the antidrip dosing stopper of the invention will be able to be replaced by others to be technically equivalent and they do not depart from both principle of the invention and the scope defined by following claims which are included.

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Claims

1. An improved antidrip dosing stopper for bottles, in particular for a bottles which contain oil or similar liquid therewithin, being said stopper constituted by a cylindrical portion (1) whose inner wall has a portion including coupling means for coupling to bottleneck, having central region of the stopper an internally hollow extension (2) whereby inner liquid comes from thereof having a substantially upright lower portion (2A) and a second upper portion (2B) by way of bend, **characterised in that** said extension (2) includes travelling means in upright way with regards to cylindrical portion.
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2. A dosing stopper according to claim 1, **characterised in that** the travelling means consist of hollow duct (3) situated in the cylindrical portion (1) through whose inside the extension (2) may slide upwardly and/or downwardly whereby liquid can come from, being lower end of duct (3) provided with path detaining means.
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3. A dosing stopper according to claim 1, **characterised in that** the second portion (2B) of the extension (2) is provided with dosing means for the similar or oil pouring.
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4. A dosing stopper according to claim 3, **characterised in that** said dosing means consist of a plurality of fins (5) separated and radially provided within second upper portion (2B) by way of bend, so that innermost diameter is greater than outermost diameter.
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FIG. 1

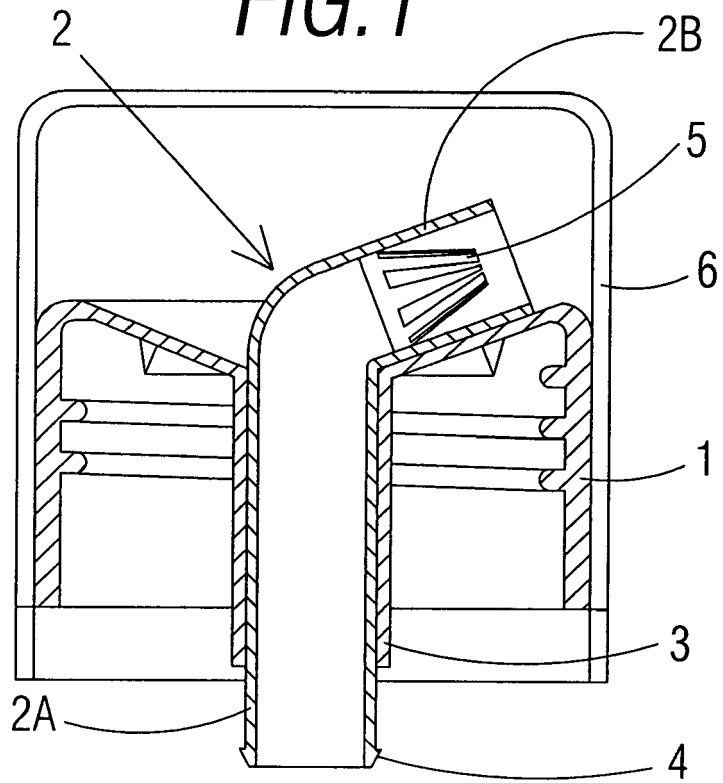
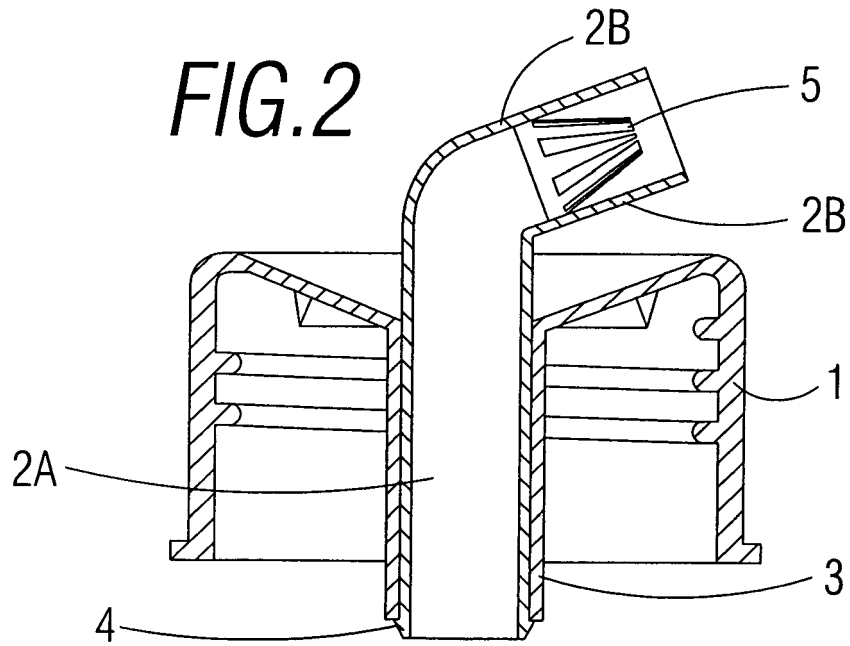


FIG. 2



REFERENCES CITED IN THE DESCRIPTION

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Patent documents cited in the description

- WO 1061146 A [0003]