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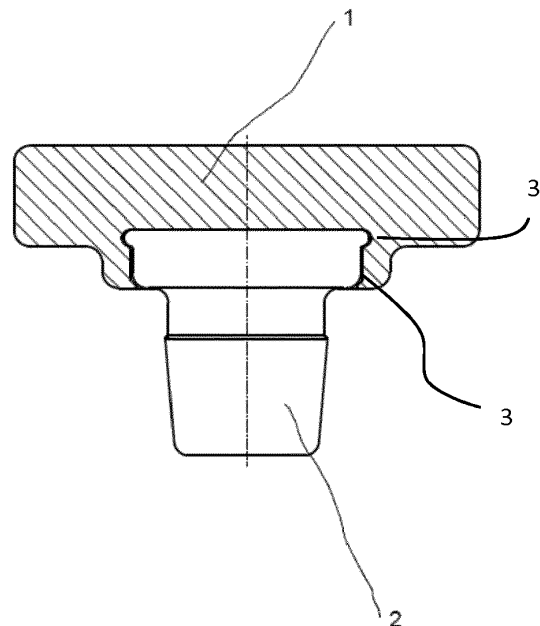
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(54) **ADAPTABLE STOPPER**

(57) An adaptable stopper for closing bottles is disclosed, which comprises a head part (1) of the stopper having the basic outer dimension bigger or at least equal to the outer dimension of the mouth of the neck, and a conical part (2) of the stopper, the parts being fixed either by a firm connection by glue or by a mechanically dismantable connection which is fixed by means of grooves (3).

Fig. 4



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DescriptionExamples of embodiments of the inventionField of the invention

[0001] The invention relates to a stopper for closing bottles, namely bottles for spirits, distillates, or wine.

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[0010] The embodiment according to the invention causes variability of shapes of the design of the head part 1 of the stopper and the conical part 2 of the stopper which may be dismantably fixed by means of grooves 3, or firmly connected by glue.

Prior art

[0002] Known stoppers have the disadvantage that the stopper is formed by a head part and further by a conical part of the stopper, which are firmly connected.

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ClaimsSummary of the invention

[0003] The invention relates to a glass stopper for closing bottles, namely bottles for spirits, distillates, or wine, the bottles having a circular or non-circular shape of the mouth of the neck, the stopper comprising a head part having its basic outer dimension bigger or at least equal to the outer dimension of the neck of the bottle, and further a conical part of the stopper. Both these parts are firmly connected by a glue according to the used material, or advantageously by a mechanically dismantable connection.

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1. An adaptable stopper for closing bottles **characterised in that** it comprises a head part (1) of the stopper having the basic outer dimension bigger or at least equal to the outer dimension of the mouth of the neck, and a conical part (2) of the stopper, the parts being fixed by a firm connection by glue.

[0004] Another advantage of the invention is that the head part, the outer dimension of which is equal to or exceeds the outer dimension of the mouth of the bottle, may be of any shape. It thus enables different design solutions of the shape of the bottle and the stopper. Meanwhile, further technical elements may be used for transport securing of the stopper, such as thermo capsules, coating or wire bandages.

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2. An adaptable stopper for closing bottles **characterised in that** it comprises a head part (1) of the stopper having the basic outer dimension bigger or at least equal to the outer dimension of the mouth of the neck, and a conical part (2) of the stopper, the parts being connected by a mechanically dismantable connection which is fixed by means of grooves (3).

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[0005] Preferentially, the invention is directed to closing distillate bottles. Optionally, the said invention may be used for other liquids, for which the material of the bottle, the stopper and the sealing element will be chemically resistant.

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3. The adaptable stopper for closing bottles according to claim 1 or 2 **characterised in that** the head part (1) of the stopper and the conical part (2) of the stopper are of circular, elliptical or angular shape and are made of glass, wood, plastic or metal material.

[0006] The solution of the bottle according to the invention provides within the meaning mentioned above the necessary functional safety and repeatability of the sealing effects in beverage bottles, namely for spirits, as well as in bottles intended for other liquids, or optionally for powdery materials.

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[0007] The solution according to this invention is within the meaning mentioned above applicable for glass and non-glass materials of the stopper and the bottle.

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[0008] The present invention provides an adaptable stopper for closing bottles as defined in the claims 1 to 3.

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Description of drawings

[0009] The invention and the advantages thereof are clarified in detail by means of drawings on Fig. 1, Fig. 2, Fig. 3 and Fig. 4.

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Fig. 1

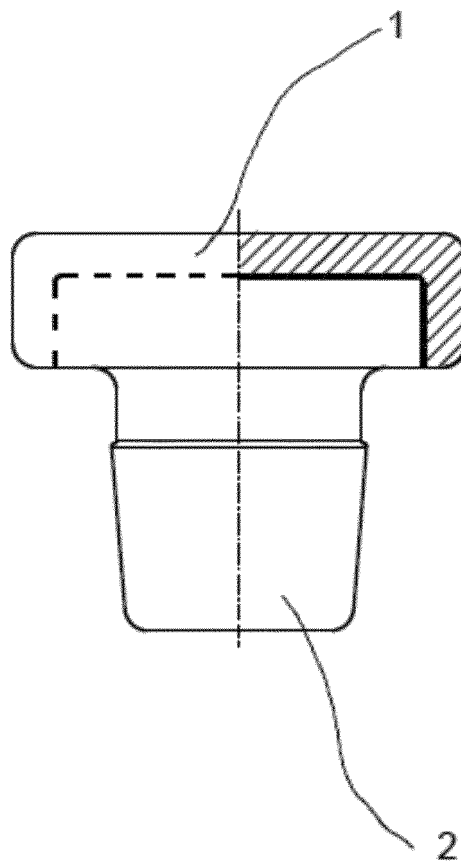


Fig. 2

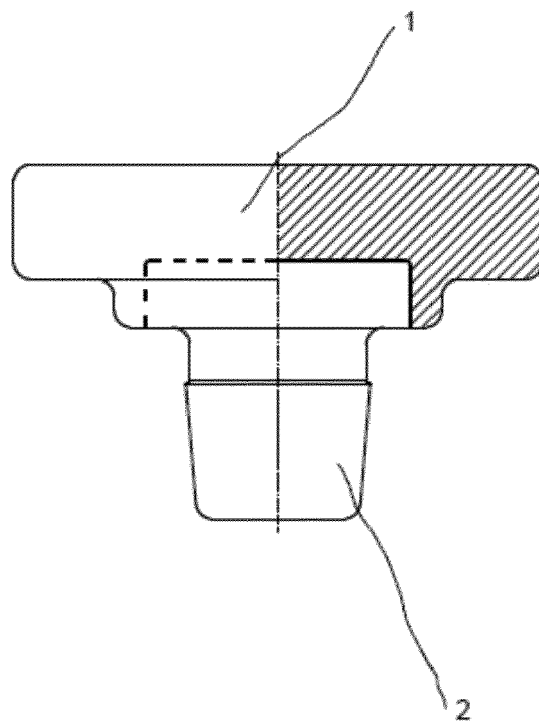


Fig. 3

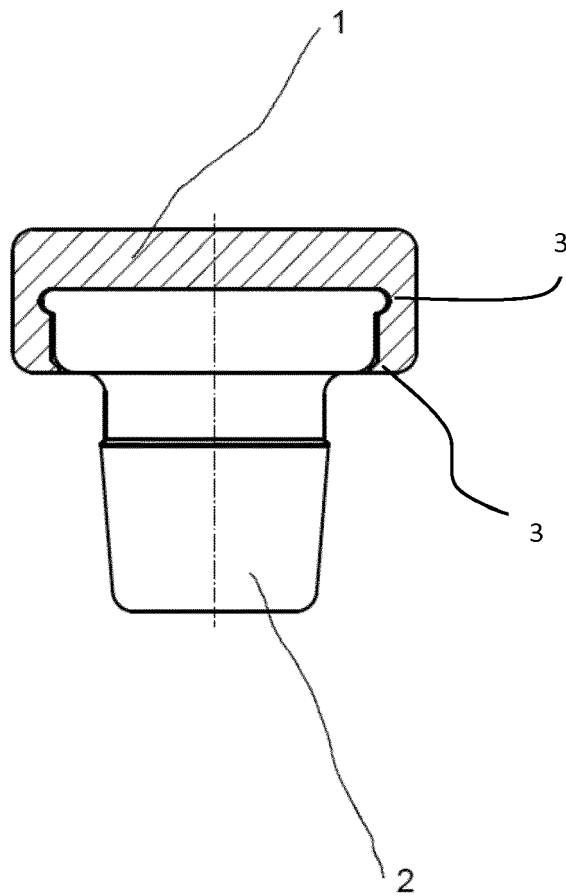
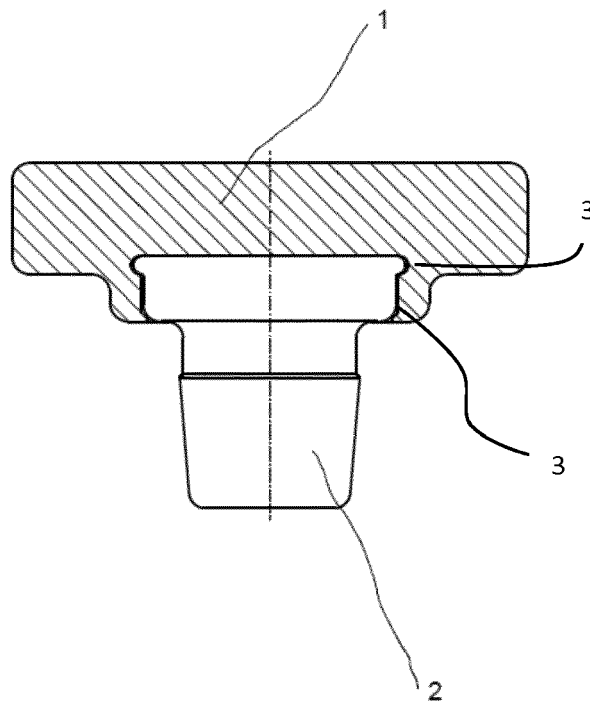


Fig. 4





EUROPEAN SEARCH REPORT

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The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 10 February 2017	Examiner Fournier, Jacques
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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**ANNEX TO THE EUROPEAN SEARCH REPORT
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