

Reference Number: 025418/0084

Title of the Invention

A PACKAGE CONTAINING TWO CHAMBERS IN WHICH PRODUCTS (LIQUID-LIQUID, LIQUID SOLID, ETC.) ARE PLACED AND USED FOR MIXING SUBSTANCES BY OPENING THE LID ON IT.

Invention

This invention in its most basic form; at least one chamber having an opening in the form of an opening on one side and for placing the substances to be mixed into it, at least one separating wall extending from the inner bottom of the chamber to the chamber mouth or placed in the part from the chamber floor to the chamber mouth and separating the chamber into at least two, over the chamber medicine etc containing a lid with a cavity for use as a mixture and cup It relates to a packaging device that can separately store the substances to be mixed and is used for mixing these substances In case of use.

Contact:

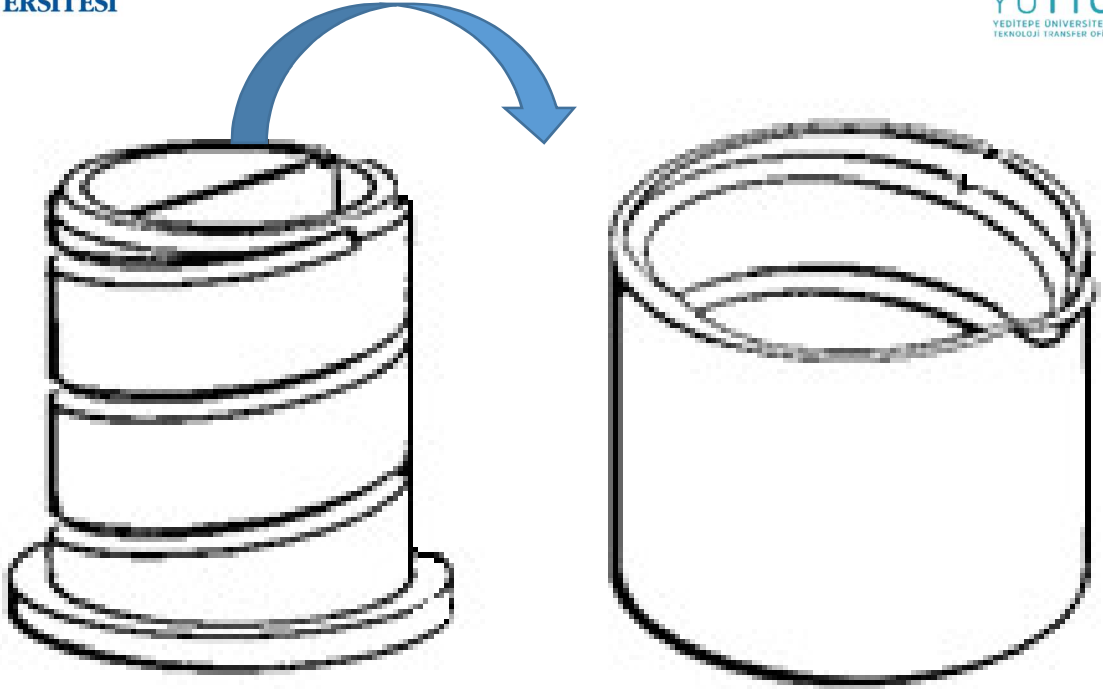
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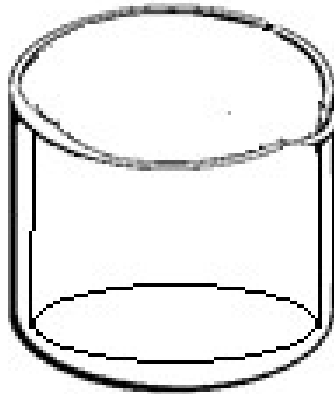
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Inner cup with double chamber and screw mechanism
(The bottom of the inner container also acts as a lid)

Outer container with a screw mechanism that,
ensures a comfortable and secure seating of the
inner container prevents leakage, and acts as a cup
(the base functions as a lid)



The outer container (also used as a glass) is turned upside down and its mouth is open.
(When the inner container is placed inside the outer container, the bottoms of the outer container
and inner container act as lids)

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Advantages

This invention;

- It can store the substances to be mixed separately and allow these substances to be mixed and drunk in the case of use,
- Used for the stable maintenance of a single dose and for the preparation of solutions, which can be used individually,
- Disposable, easy to carry in daily life due to its small volume, and in this way, patients' compliance with treatment is increased,
- Containing a glass that the user can easily store, creates a mixture with a single movement, and allows for mixing and drinking substances that require a sensitive mixture and preservation, such as drugs,

In the pharmaceutical industry, the product in powder form must be mixed with a solvent (mostly water) before being used. In the present technique, the substance to be mixed and the solvent are stored in separate containers and when used, these two substances are placed in a separate container to be mixed. After mixing the product to be used, it must be stored in suitable climatic conditions (cold) without decomposing for reuse. By mixing with water, a dose of at least 5 days is obtained, and after the product in this single package is reconstituted for at least 5 days for use until the final dosing without decomposition, the product must be stored in the refrigerator and remain stable until the last dose. After the powder product (mainly drugs) that needs to be diluted before use is diluted with its solvent during use, at least five daily doses are diluted. With this application, the preparation of all doses at once can cause loss of effectiveness in the product until the fifth day, which is the last dose, the user has to carry the entire drug package with him every time, creating a futile burden and the risk of contamination is high in the prepared product due to opening and closing the package for each dose.

Keywords

Dosage, Disposable Package, Pharmaceutical Mixture

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Current Status

UTILITY MODEL

TURKEY: Pending

WIPO, PCT: Pending, Decision about application will be given by December 2021.

TRL:6

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