

MEDICATION DISPENSING NIPPLE FOR INFANTS

INVENTION DESCRIPTION

The present invention describes a dispensing baby bottle nipple, applicable to standard baby bottles, which enables the administration of medication to infants in a controlled manner. The nipple can reliably quantify the amount of medication that the baby has swallowed.

This Utility Model allows controlling not only the rate of drug delivery, but also the quantity dispensed to the infant. Thus, if the infant stops taking the

contents of the feeding bottle due to the taste of the medication, the person responsible knows exactly how much remains to be supplied.

It also represents an improved camouflage technique that avoids medication dispensing problems and reduces stress that the administration produces both the child and the adult. In addition, it allows the use of standard feeding bottles and syringes that can be replaced easily.

BUSINESS APPLICATION SECTORS

This novel system will find application in the industry of medical devices for child care, more specifically, within the field of devices for infant feeding by fluids administration with nipples attached to feeding bottles.

TECHNICAL ADVANTAGES AND BENEFITS

The main purpose of this Utility Model is to provide a solution to taking medication by infants. It is associated with the following advantages:

- (i) high versatility, since it can be used with any standard syringe and feeding bottle,
- (ii) to quantify reliably the amount of medication that the baby has swallowed, and
- (iii) high efficiency, by exploiting the suction flow caused by the infant

DEVELOPMENT STATUS OF TECHNOLOGY

The technology is in the prototype phase, expecting to validate and test in the clinic for its subsequent commercialization.

INTELLECTUAL PROPERTY RIGHTS

Utility Model granted in September 2015 by the Spanish Patent and Trademark Office. The international expansion is expected during the priority year.

COLLABORATION SOUGHT

Licensing agreement with companies willing to manufacture and commercialize the technology.

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RELATED IMAGES

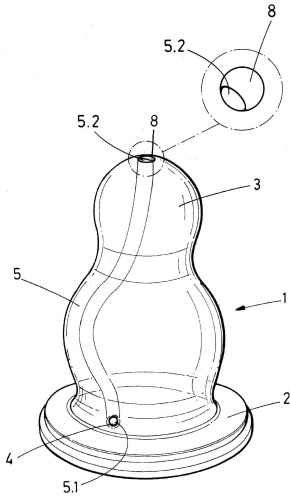


FIG.3

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