

P A T E N T

A LIQUID RECEIVING BOTTLE WITH DROP BY DROP DISPENSING HEAD

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Abstract

The invention relates to a bottle for packaging a liquid with dropper delivery comprising a reservoir with an elastically deformable wall that can be reversed by letting air into the receptacle, surmounted by a dispensing head for the liquid comprising a drop-counting end-piece protruding to the outside of the bottle and an anti-bacterial filtering membrane, made partially hydrophilic and partially hydrophobic, which is interposed across the path of the liquid and of the air, at the base of the said end-piece. The dispensing head comprises an insert with a recessed body which contains a porous pad regulating the flow of liquid placed downstream of the reservoir and upstream of a chamber delimited downstream of the said membrane. At the base of this insert on the inner side of the bottle, longitudinal arches supporting a central pellet make star-shaped passageways radially guiding the air that enters the bottle after having passed through the porous pad.

Figure 1

By proxy

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