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Théa
Membrane tubulaire

INVENTION PATENT - FRANCE

LIQUID DISPENSER HEAD, PARTICULARLY FOR A LIQUID DROPPER BOTTLE

Applicant: Laboratoires THEA

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Abstract

The invention concerns a liquid dispenser head which is designed to be mounted on a bottle containing a liquid and comprises a filtering device (26) forming an interface between the inside and the outside of the bottle. The filtering device comprises tubular filters (30) which are extended longitudinally so they can be plunged into the bottle, particularly tubular filters whose wall consists of a membrane that is selectively permeable to a liquid to be expelled from the bottle and made of hydrophilic material for this purpose. So that the expelled liquid can be replaced by air, the membrane forming the wall of said filter tube is made of hydrophobic material so as to be selectively air-permeable. The hydrophobic membrane also filters bacteria in the air.

Figure 1