

Title (en)
DROP DISPENSING HEAD AND CORRESPONDING FLASK

Title (de)
DOSIERKOPF FÜR TROPFEN UND ENTSPRECHENDES FLÄSCHCHEN

Title (fr)
TETE DE DISTRIBUTION D'UN LIQUIDE GOUTTE A GOUTTE ET FLACON DE CONDITIONNEMENT CORRESPONDANT

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Application
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Abstract (en)
[origin: WO2012014050A2] The invention relates to a head for dispensing liquid as a drip, comprising a nozzle onto which a channel for ejecting the liquid leads, wherein air sucked in from the outside is returned through said channel in the opposite direction. In the nozzle, on the ejection channel, the drip dispensing head of the invention comprises a valve functioning as a non-return valve for the circulation of the liquid being ejected. The mobile disc of said valve is produced so as to selectively enable air to pass through the valve when the disc is bearing against the seat thereof in a position for closing the liquid ejection channel. The disc is returned to said position by negative pressure applied upstream, which tends to suck in outside air. The disc is advantageously made of a microporous material, which provides antibacterial filtering of the return air.

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