

## 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

## Publication

**EP 2616352 A2 20130724 (FR)**

## Application

**EP 11755118 A 20110728**

## Priority

- FR 1003233 A 20100730
- IB 2011001741 W 20110728

## 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.

## IPC 8 full level

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## Citation (search report)

See references of WO 2012014050A2

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## DOCDB simple family (application)

**IB 2011001741 W 20110728**; AR P110102750 A 20110729; AU 2011284419 A 20110728; BR 112013001352 A 20110728; CA 2806512 A 20110728; CL 2013000276 A 20130129; CN 201180037389 A 20110728; CO 13039467 A 20130227; CY 141100706 T 20140903; DK 11755118 T 20110728; EA 201390161 A 20110728; EG 2013010086 A 20120115; EP 11755118 A 20110728; ES 11755118 T 20110728; FR 1003233 A 20100730; HK 13110928 A 20130925; HR P20140758 T 20140811; IL 22445913 A 20130129; JP 2013521240 A 20110728; KR 20137005169 A 20110728; MA 35694 A 20130225; MX 2013001193 A 20110728; PL 11755118 T 20110728; PT 11755118 T 20110728; RS P20140426 A 20110728; SG 2013007158 A 20110728; SI 201130240 T 20110728; SM 201400122 T 20140904; TW 100126767 A 20110728; UA A201302208 A 20110728; US 201313754532 A 20130130