

Title (en)  
DROP DISPENSING HEAD

Title (de)  
TROPFENSPENDERAUSGABEKOPF

Title (fr)  
TETE DE DISTRIBUTION DE LIQUIDE GOUTTE A GOUTTE

Publication  
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Application  
**EP 13773332 A 20130806**

Priority  
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Abstract (en)  
[origin: WO2014024029A1] The invention concerns a liquid dispensing head (1) which is designed to be mounted on a bottle for receiving liquid (2), and which comprises a filtering device (26) that forms an interface between the inside and the outside of that bottle (2). The filtering device (26) comprises tubular filters (30) which extend longitudinally to dip into the bottle (2). Said tubular filters are therefore, in particular, tubular filters (30) whereof the wall is formed from a membrane that is selectively permeable to a liquid to be expelled from the bottle (2), produced for that purpose from a hydrophilic material. For the intake of air to compensate for the expelled liquid, the membrane forming the wall of such a tubular filter is made from a hydrophobic material, so as to be selectively permeable to air. The hydrophobic membrane is furthermore a filter against bacteria.

IPC 8 full level  
**B65D 47/18** (2006.01); **A61F 9/00** (2006.01)

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• EP 0617951 A2 19941005 - TOMEY TECHN CORP [JP]  
• WO 2011095877 A1 20110811 - THEA LAB [FR], et al

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