

## Title (en)

Liquid-dispensing nozzle and liquid packaging and dispensing system comprising such a nozzle

## Title (de)

Flüssigkeitsabgabeteil und Flüssigkeits-Verpackungs- und Abgabevorrichtung mit solchem Teil

## Title (fr)

Embout de distribution de liquide, et ensemble de conditionnement et de distribution de liquide comprenant un tel embout

## Publication

**EP 2085068 A1 20090805 (FR)**

## Application

**EP 09151767 A 20090130**

## Priority

FR 0850680 A 20080204

## Abstract (en)

The nozzle has support parts for supporting hydrophilic filter membranes (28, 30) and canalizing liquid through the membranes. A connection portion (38) molds the support parts for fixing the support parts with each other. The support parts include an upper support part (34), a lower support part (32) and an intermediate support part (36) arranged between the upper and lower support parts. The membrane (28) is maintained between the upper and intermediate support parts. The membrane (30) is maintained between the intermediate and lower support parts. An independent claim is also included for a liquid packaging and dispensing system comprising a nozzle arranged on a collar of a container.

## Abstract (fr)

Cet embout est du type comprenant deux membranes de filtrage (28, 30) et des parties de support (32, 34, 36) pour supporter les membranes et canaliser du fluide au travers des membranes (28, 30). Selon un aspect de l'invention, il comprend une partie de liaison (38) qui surmoule les parties de support (32, 34) pour les fixer mutuellement et les parties de support (32, 34, 36) comprennent une partie de support supérieure (34), une partie de support inférieure (32) et une partie de support intermédiaire (36) disposée entre la partie de support supérieure (34) et la partie de support inférieure (32), une membrane (28) est maintenue entre la partie de support supérieure (32) et la partie de support intermédiaire (36) et une membrane (30) est maintenue entre la partie de support intermédiaire (36) et la partie de support inférieure (32), et les membranes (28, 30) sont surmoulées par la partie de liaison (38).

## IPC 8 full level

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## Citation (search report)

- [A] EP 1495747 A1 20050112 - NIPRO CORP [JP], et al
- [A] DE 202004009721 U1 20040826 - FILTERTEK BV [IE]

## Cited by

EP3081111A4; WO2011131765A2; US9801899B2; WO2012013736A1; US10231990B2

## Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

## Designated extension state (EPC)

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