

Title (en)

DEVICE FOR RECEIVING A FLUID SAMPLE AND APPLICATIONS THEREOF

Title (de)

VORRICHTUNG ZUR AUFNAHME EINER FLUIDPROBE UND ZUGEHÖRIGE ANWENDUNGEN

Title (fr)

DISPOSITIF DE RECEPTION D'UN ECHANTILLON DE FLUIDE, ET SES APPLICATIONS

Publication

**EP 1682276 B1 20121024 (FR)**

Application

**EP 04805830 A 20041115**

Priority

- FR 2004050587 W 20041115
- FR 0313340 A 20031114

Abstract (en)

[origin: FR2862239A1] The receptacle (1), to hold and transport liquid samples, has a cavity (3) at one end of a rod (2) which opens out through the end base. The cavity has a capacity of 0.1 picoliter to 1.0 microliter and especially 1-50 nanoliters. The receptacle (1), to hold and transport liquid samples, has a cavity (3) at one end of a rod (2) which opens out through the end base. The cavity has a capacity of 0.1 picoliter to 1.0 microliter and especially 1-50 nanoliters. The end of the receptacle has a hydrophobic zone (8) next to the cavity opening, and a hydrophilic zone (4,5) which is next to the first zone and at least partially covering the cavity base. The end of the receptacle is immersed into the fluid up to the surface, and the cavity retains a portion of the fluid by capillary action. The hydrophobic zone extends into the cavity as far as its base without covering it completely and/or extends on an outer wall (10).

IPC 8 full level

**B01L 3/02** (2006.01)

CPC (source: EP US)

**B01L 3/0244** (2013.01 - EP US); **B01L 3/0255** (2013.01 - EP US); **B01L 2300/0645** (2013.01 - EP US); **B01L 2400/025** (2013.01 - EP US)

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