

Title (en)

PIPETTE TIP, PIPETTING DEVICE AND COMBINATION CONSISTING OF A PIPETTE TIP AND PIPETTING DEVICE

Title (de)

PIPETTENSPIITZE, PIPETTIERVORRICHTUNG UND KOMBINATION AUS PIPETTENSPIITZE UND PIPETTIERVORRICHTUNG

Title (fr)

POINTE DE PIPETTE, DISPOSITIF A PIPETTER ET COMBINAISON DE POINTE DE PIPETTE ET DE DISPOSITIF DE PIPETTE

Publication

**EP 1171240 B2 20060614 (DE)**

Application

**EP 00926950 A 20000414**

Priority

- DE 19917375 A 19990416
- EP 0003423 W 20000414

Abstract (en)

[origin: US9415388B2] A pipette device has a coupling stud on which a pipette tip can be stuck in a slipping-on direction for coupling. The coupling stud has an adjustable prestress member that can be adjusted into a prestress state and a release state via an actuation device which is provided in the coupling stud. The pipette tip has an axial stop which interacts with a counter-stop of the coupling stud in an axial coupling position of the pipette tip. The prestress member in its prestress state acts upon a working surface of the stuck-on pipette tip having a surface component of the pipette tip, which extends radially inward, turned away from the stuck on direction, in such a way that it abuts sealingly on the working surface, and prestresses the pipette tip on the pipette unit into the axial coupling position. The prestress member, in its releasing state, substantially releases the working surface of the pipette tip (101).

IPC 8 full level

**B01L 3/02** (2006.01); **G01N 35/10** (2006.01)

CPC (source: EP US)

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Cited by

CN110433883A; US10493444B2; EP2192186A1; DE102017220042A1; WO2019092089A1; DE102022120212A1; WO2024033285A1

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**US 2006233669 A1 20061019; US 9415388 B2 20160816;** AT E244070 T1 20030715; DE 19917375 A1 20001102; DE 19917375 C2 20010927; DE 50002736 D1 20030807; EP 1171240 A1 20020116; EP 1171240 B1 20030702; EP 1171240 B2 20060614; ES 2197094 T3 20040101; ES 2197094 T5 20061116; JP 2002542017 A 20021210; JP 3977597 B2 20070919; US 7033543 B1 20060425; WO 0062933 A1 20001026

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**US 24707305 A 20051011;** AT 00926950 T 20000414; DE 19917375 A 19990416; DE 50002736 T 20000414; EP 0003423 W 20000414; EP 00926950 A 20000414; ES 00926950 T 20000414; JP 2000612063 A 20000414; US 95913201 A 20011016