

Title (en)

PIPETTE CAPABLE OF DETECTING THE TRAVEL OF THE PISTON AT A PREDETERMINED POSITION

Title (de)

PIPETTE GEIGNET ZUM ERKENNEN EINES KOLBENDURCHGANGS AN EINER VORBESTIMMTEN STELLE

Title (fr)

PIPETTE DE PRELEVEMENT PERMETTANT DE DETECTER LE PASSAGE DU PISTON PAR UNE POSITION PREDETERMINEE

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Application

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Abstract (en)

[origin: WO2013120862A1] The invention concerns a manually actuated pipette, comprising a piston intended to perform a dispensing stroke loading first elastic return means, followed by a purge stroke loading second elastic return means, and comprising an electronic device (40) intended to receive a switching signal which translates the passage of the piston through a predetermined position along the dispensing or purge stroke thereof, position wherein the elastic means have a predetermined level of deformation. The pipette also comprises a switch (32) capable of delivering the signal to the electronic device. Moreover, an elastic support (30) is capable of deforming under the effect of the axial pressure of the operator, and the pipette is designed such that the deformation of the support, which results in switching, is caused when the force of the axial pressure is greater than that which places the elastic means at their predetermined level of deformation.

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