

Title (en)

IMPROVED BATTERY POWERED MICROPROCESSOR CONTROLLED HAND PORTABLE ELECTRONIC PIPETTE

Title (de)

MANUELL TRAGBARE ELEKTRONISCHE PIPETTE MIT VERBESSERTEM BATTERIE-BETRIEBENEN MIKROPROZESSOR

Title (fr)

PIPETTE ELECTRONIQUE PORTABLE AMELIOREE COMMANDEE PAR UN MICROPROCESSEUR ALIMENTE PAR UNE BATTERIE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO0051738A1] A battery powered, microprocessor controlled portable electronic pipette (10), comprising a hand holdable housing supporting a battery (16), a linear actuator (40) for driving a plungner (90) lengthwise in a cylinder to aspirate and dispense fluid into and from a pipette tip (60) extending from the housing and a control circuit for the linear actuator. The linear actuator is powered by the battery and comprises a stepper motor (40) with current receiving windings for electromagnetically driving a rotor to impart the lengthwise movement to the plunger (90).

IPC 8 full level

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CPC (source: EP)

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