Title (en)

Method of correcting the display of the volume in a pipette

Title (de)

Verfahren zum Korrigieren einer Pipettenvolumenanzeige

Title (fr)

Procédé de corriger l'affichage d'une valeur d'un volume d'un échantillon liquide à prélever avec une pipette

Publication

EP 1541235 A1 20050615 (FR)

Application

EP 04292808 A 20041129

Priority

- FR 0313920 A 20031127
- FR 0313921 A 20031127
- FR 0402433 A 20040309

Abstract (en)

A pipette control system (220) comprises a computing device (230) with a pipetting module and a first communication interface (234); and a pipette (30) with a sampling tube, a piston assembly, a piston drive mechanism, a second communication interface (190) and a microprocessor. The pipetting module has a computer code to define an operation to be performed by the pipette, and the first interface sends electronic signals to the second interface to define the operation. A pipette control system (220) comprises a computing device (230) with a pipetting module and a first communication interface (234); and a pipette (30) with a sampling tube, a piston assembly, a piston drive mechanism, a second communication interface (190) and a microprocessor. The pipetting module has a computer code to define an operation to be performed by the pipette, and the first interface sends electronic signals to the second interface to define the operation. The microprocessor is coupled to the second communication interface and controls the piston drive mechanism to perform the pipette operation defined by the electronic signals. The operation is selected from an update installed software operation, a serial number entry operation, a calibration operation, a production automation operation, a data transfer operation, an execute program operation, a new mode integration operation or a servicing operation. Independent claims are included for the following: (1) a method of using the interface in a display of the computing device; (2) and a method of responding to user inputs to a user interface presented in the display of the device.

Abstract (fr)

Dans le procédé d'affichage d'une valeur d'un volume d'échantillon à prélever au moyen d'une pipette, à partir d'une valeur brute, on détermine une valeur de volume corrigée. <IMAGE>

IPC 1-7

B01L 3/02

IPC 8 full level

B01L 3/02 (2006.01)

CPC (source: EP)

B01L 3/0217 (2013.01); B01L 2200/146 (2013.01); B01L 2200/147 (2013.01); B01L 2200/148 (2013.01); B01L 2300/024 (2013.01)

Citation (search report)

- [X] US 5187990 A 19930223 - MAGNUSSEN JR HAAKON T [US], et al
- [X] US 5024109 A 19910618 - ROMERO HUGO [US], et al
- [X] US 5481900 A 19960109 - HUSAR DIETER [DE]
- [X] DE 10118875 C1 20020912 - EPPENDORF AG [DE]
- [A] US 4586546 A 19860506 - MEZEI LOUIS M [US], et al
- [A] WO 0176748 A1 20011018 - GILSON INC [US], et al

Cited by

WO2009006164A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1541235 A1 20050615

DOCDB simple family (application)

EP 04292808 A 20041129