

Title (en)
PIPETTING DEVICE AND METHOD FOR THE TRANSFER OF FLUIDS

Title (de)
PIPETTIERVORRICHTUNG UND VERFAHREN ZUM TRANSFERIEREN VON FLÜSSIGKEITEN

Title (fr)
DISPOSITIF DE PIPETAGE ET PROCÉDÉ DE TRANSFERT DE LIQUIDES

Publication
EP 3908842 A1 20211117 (DE)

Application
EP 20708396 A 20200103

Priority
• AT 500212019 A 20190111
• AT 502502019 A 20190321
• AT 2020060002 W 20200103

Abstract (en)
[origin: WO2020142798A1] The invention relates to a method and a device for the transfer of fluids from dispensing vessels, e.g. sample (921) and/or reagent vessels (951a, 951b) into at least one receiving vessel (201), wherein a moving pipettor (300) of the pipetting device is designed such that it can move along a first direction (x) and it has at least one pipetting module (3011), which can be moved along an arm (304) of the pipettor (300) in a second direction (y) that is substantially vertical relative to the first direction (x), and at least one hollow needle (307) of which is designed such that it can be lowered into the individual vessels (921, 951a, 951b, 201). According to the invention, the arm (304) of the moveable pipettor (300) has a base structure (340) which can be moved in the x-direction and on which two bars (341, 342) are secured, aligned in parallel and projecting horizontally in the y-direction, on the facing longitudinal sides of which respective pipetting modules (3011, 3012) are arranged which can independently pass one another, wherein every pipetting module (3011, 3012) has at least one hollow needle (307) that can be lowered into the individual vessels (921, 951a, 951b, 201).

IPC 8 full level
G01N 35/10 (2006.01)

CPC (source: EP US)
B01L 3/021 (2013.01 - US); **G01N 35/1004** (2013.01 - EP US); **G01N 35/1072** (2013.01 - EP US); **G01N 35/109** (2013.01 - EP US); **B01L 2200/026** (2013.01 - US); **B01L 2200/04** (2013.01 - US); **B01L 2200/0605** (2013.01 - US); **B01L 2200/16** (2013.01 - US); **B01L 2300/043** (2013.01 - US); **B01L 2300/0609** (2013.01 - US); **B01L 2300/0829** (2013.01 - US); **B01L 2300/14** (2013.01 - US); **B01L 2400/049** (2013.01 - US); **G01N 2035/1076** (2013.01 - EP US)

Citation (search report)
See references of WO 2020142798A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2020142798 A1 20200716; CN 113574392 A 20211029; EP 3908842 A1 20211117; US 2022099694 A1 20220331

DOCDB simple family (application)
AT 2020060002 W 20200103; CN 202080020176 A 20200103; EP 20708396 A 20200103; US 202017421010 A 20200103