

Title (en)

APPARATUS AND METHOD FOR PICKING BIOLOGICAL SAMPLE

Title (de)

VORRICHTUNG UND VERFAHREN ZUR AUFNAHME EINER BIOLOGISCHEN PROBE

Title (fr)

APPAREIL ET PROCÉDÉ POUR PRÉLEVER UN ÉCHANTILLON BIOLOGIQUE

Publication

EP 3610271 A1 20200219 (EN)

Application

EP 17905148 A 20171019

Priority

- US 201762484395 P 20170412
- US 2017057482 W 20171019

Abstract (en)

[origin: WO2018190907A1] A picking instrument for picking biological samples, such as microbial samples, includes a picking pin having a distal tip and three degrees-of-freedom and configured to move in x, y, and z directions. The picking instrument also includes a loading platform comprising a first area and a second area, the first area configured to accommodate and secure a microfabricated chip including a plurality of microwells. The picking pin is programmatically controlled to pick a sample contained in one or more selected microwells of the microfabricated chip and then transfer the sample to a predetermined location at the destination sample holder. Methods of operating the picking instrument, including calibrating the coordinates of the selected microwell(s) relative to a location of the picking pin, are also provided.

IPC 8 full level

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CPC (source: EP)

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