

Title (en)
APPARATUS AND METHOD FOR COLLECTING A BREATH SAMPLE USING AN AIR CIRCULATION SYSTEM

Title (de)
VORRICHTUNG UND VERFAHREN ZUM SAMMELN EINER ATEMPROBE UNTER VERWENDUNG EINES LUFTZIRKULATIONSSYSTEMS

Title (fr)
APPAREIL ET PROCÉDÉ DE COLLECTE D'UN ÉCHANTILLON D'HALEINE À L'AIDE D'UN SYSTÈME DE CIRCULATION D'AIR

Publication
EP 4110182 A1 20230104 (EN)

Application
EP 21761687 A 20210128

Priority

- US 202016805161 A 20200228
- US 202016805176 A 20200228
- US 202016805142 A 20200228
- US 202016805156 A 20200228
- US 202016805187 A 20200228
- CA 2021050089 W 20210128

Abstract (en)
[origin: WO2021168542A1] An apparatus and method for collecting a breath sample are provided. The apparatus has a breath input interface configured to receive exhaled breath, a first conduit system connected to the breath input interface, a valve configured to control fluid communication between the first conduit system and at least one breath sample storage device configured to store a breath sample, an air circulation system configured to circulate air through the first conduit system upon completion of a first received exhaled breath, and at least one controller configured to control the valve upon completion of the first received exhaled breath at least partially based on a humidity level in the first conduit system.

IPC 8 full level
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CA 2021050089 W 20210128; AU 2021226138 A 20210128; AU 2021226139 A 20210128; AU 2021227720 A 20210128; AU 2021227721 A 20210128; AU 2021228377 A 20210128; AU 2021228378 A 20210128; CA 2021050087 W 20210128; CA 2021050088 W 20210128; CA 2021050090 W 20210128; CA 2021050091 W 20210128; CA 2021050092 W 20210128; CA 3169775 A 20210128; CA 3169777 A 20210128; CA 3169780 A 20210128; CA 3169784 A 20210128; CA 3169788 A 20210128; CA 3169789 A 20210128; EP 21759776 A 20210128; EP 21759861 A 20210128; EP 21759949 A 20210128; EP 21760418 A 20210128; EP 21761561 A 20210128; EP 21761687 A 20210128; JP 2022552153 A 20210128; JP 2022552154 A 20210128; JP 2022552156 A 20210128; JP 2022552157 A 20210128; JP 2022552158 A 20210128; JP 2022552159 A 20210128