

Title (en)  
AN APPARATUS AND METHOD FOR COLLECTING A BREATH SAMPLE USING A METERING DEVICE ALONG AN EXHAUST CONDUIT

Title (de)  
VORRICHTUNG UND VERFAHREN ZUM SAMMELN EINER ATEMPROBE UNTER VERWENDUNG EINER DOSIERVORRICHTUNG ENTLANG EINER ABGASLEITUNG

Title (fr)  
APPAREIL ET PROCÉDÉ PERMETTANT DE COLLECTER UN ÉCHANTILLON D'HALEINE À L'AIDE D'UN DISPOSITIF DE DOSAGE LE LONG D'UN CONDUIT D'ÉCHAPPEMENT

Publication  
**EP 4110180 A1 20230104 (EN)**

Application  
**EP 21760418 A 20210128**

Priority

- US 202016805142 A 20200228
- US 202016805156 A 20200228
- US 202016805161 A 20200228
- US 202016805176 A 20200228
- US 202016805187 A 20200228
- CA 2021050090 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