

Title (en)

APPARATUS AND METHOD FOR CONTROLLING A FLOW OF BREATH TO A SORBENT TUBE

Title (de)

VORRICHTUNG UND VERFAHREN ZUR STEUERUNG EINES ATEMSTROMS ZU EINEM SORPTIONSMITTELSCHLAUCH

Title (fr)

APPAREIL ET PROCÉDÉ DE COMMANDE D'UN FLUX D'AIR EXPIRÉ DANS UN TUBE DE SORBANT

Publication

EP 4110178 A4 20240327 (EN)

Application

EP 21759861 A 20210128

Priority

- US 202016805142 A 20200228
- US 202016805156 A 20200228
- US 202016805161 A 20200228
- US 202016805176 A 20200228
- US 202016805187 A 20200228
- CA 2021050087 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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CPC (source: EP)

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Citation (search report)

- [Y] US 2018214050 A1 20180802 - PURVES CHRIS [CA]
- [Y] US 2014081165 A1 20140320 - VON BAHR PONTUS [SE], et al
- [Y] US 2013245483 A1 20130919 - EICHLER RUDIGER [DE]
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- See also references of WO 2021168540A1

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