

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 A4 20240320 (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  
**A61B 5/097** (2006.01); **A61B 5/08** (2006.01); **A61B 5/083** (2006.01); **A61B 5/087** (2006.01); **A61B 10/00** (2006.01); **G01N 1/22** (2006.01)

CPC (source: EP)  
**A61B 5/082** (2013.01); **A61B 5/0836** (2013.01); **A61B 5/087** (2013.01); **A61B 5/097** (2013.01); **A61B 10/00** (2013.01); **A61B 10/0096** (2013.01); **A61B 2010/0087** (2013.01); **A61M 39/22** (2013.01); **A61M 2205/3334** (2013.01); **G01N 33/497** (2013.01)

Citation (search report)

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- See also references of WO 2021168542A1

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