

Title (en)

A SAMPLE COLLECTION AND DETECTION SYSTEM USED FOR BREATH ANALYSIS

Title (de)

PROBEENTNAHME- UND ANZEIGEVORRICHTUNG BEI ATEMANALYSE

Title (fr)

SYSTEME DE PRELEVEMENT ET DE DETECTION D'ECHANTILLONS POUR L'ANALYSE D'HALEINE

Publication

**EP 1024745 A4 20010425 (EN)**

Application

**EP 98953727 A 19981020**

Priority

- US 9822091 W 19981020
- US 6268397 P 19971022

Abstract (en)

[origin: WO9920177A1] A breath analyzer system for detecting target compounds comprises a mask device (12) for placement over a person's mouth having passageways (22, 25, 30, 35) enabling breath inhalation and exhalations. An electronic sensor (40) provided at a valve (102) located at an entrance of a first outlet passageway (25) initiates detection of a first breath exhalation and generates a control signal.

IPC 1-7

**A61B 5/097**

IPC 8 full level

**A61B 5/08** (2006.01); **A61B 5/083** (2006.01); **A61B 5/097** (2006.01); **G01N 33/497** (2006.01)

CPC (source: EP)

**A61B 5/097** (2013.01); **A61B 5/411** (2013.01)

Citation (search report)

- [A] US 4346584 A 19820831 - BOEHRINGER JOHN R
- [A] US 4735777 A 19880405 - MITSUI YASUHIRO [JP], et al
- [A] MICHAEL PHILLIPS: "Breath Tests in Medicine", SCIENTIFIC AMERICAN, vol. 267, no. 1, July 1992 (1992-07-01), pages 52 - 57, XP002158968
- [A] PATENT ABSTRACTS OF JAPAN vol. 018, no. 157 (C - 1180) 16 March 1994 (1994-03-16)
- See references of WO 9920177A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

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