

Title (en)

PRESSURE TRANSDUCED CHEMICAL ASSAY AND METHOD

Title (de)

DRUCKTRANSDUZIERTER CHEMISCHER TEST UND VERFAHREN

Title (fr)

PROCEDE ET ESSAI CHIMIQUE PAR TRANSDUCTION DE PRESSION

Publication

EP 1397680 A4 20090624 (EN)

Application

EP 02725706 A 20020415

Priority

- US 0212052 W 20020415
- US 29486101 P 20010530

Abstract (en)

[origin: WO02099430A1] An assay system has a chamber that receives a test strip onto which a sample comprising an analyte has been placed. The chamber is in gaseous communication with a piezoelectric material that generates an electrical signal in response to a pressure change in the chamber that is caused by a reaction between the analyte and a reagent.

IPC 1-7

G01N 33/543

IPC 8 full level

G01N 7/18 (2006.01); **G01N 33/53** (2006.01); **G01N 33/543** (2006.01); **G01N 35/00** (2006.01)

CPC (source: EP)

G01N 7/18 (2013.01); **G01N 33/5302** (2013.01); **G01N 33/5438** (2013.01); **G01N 2035/00108** (2013.01); **G01N 2333/455** (2013.01)

Citation (search report)

- [X] US 3973912 A 19760810 - TRAFTON JOHN E, et al
- [A] WO 9828613 A1 19980702 - UNIV CALIFORNIA [US]
- [A] WO 9505592 A1 19950223 - DESPATCH IND INC [US]
- [A] DE 4034174 A1 19910502 - CESKOSLOVENSKA AKADEMIE VED [CS]
- See references of WO 02099430A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 02099430 A1 20021212; CA 2448762 A1 20021212; EP 1397680 A1 20040317; EP 1397680 A4 20090624

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