

Title (en)

METHOD AND DEVICE FOR PRODUCING A PREDETERMINED DISTRIBUTION OF DETECTABLE CHANGE IN ASSAYS

Title (de)

VERFAHREN UND VORRICHTUNG UM EINE VORHERBESTIMMTE VERTEILUNG EINER ERKENNBAREN VERÄNDERUNG IN EINEM ASSAY ZU ERHALTEN

Title (fr)

PROCEDE ET DISPOSITIF POUR OBTENIR UNE REPARTITION PREDETERMINEE DE CHANGEMENTS DECELABLES DANS DES DOSAGES

Publication

EP 0981750 A1 20000301 (EN)

Application

EP 97926543 A 19970514

Priority

US 9708284 W 19970514

Abstract (en)

[origin: WO9852045A1] A transport matrix and diagnostic device are provided which produce a physically detectable change in a predetermined distribution across a detection zone which correlates with the amount of selected analyte in a sample. The matrix includes detection zones (26 and 28) having a capture reagent yielding a physically detectable change which correlates with the amount of selected analyte in a sample. The detection zone has a leading boundary (100) which first encounters the sample and a trailing boundary (102) which encounters the sample after being transported across the detection zone. The capture reagent is immobilized on the matrix in a predetermined distribution from the leading boundary to the trailing boundary of the detection zone. A method is also provided which determines the level of a selected analyte in a predetermined pattern across a detection zone on a transport matrix which correlates with the amount of selected analyte.

IPC 1-7

G01N 33/558

IPC 8 full level

G01N 31/22 (2006.01); **G01N 33/543** (2006.01); **G01N 33/558** (2006.01)

CPC (source: EP US)

G01N 33/54388 (2021.08 - US); **G01N 33/558** (2013.01 - EP)

Citation (search report)

See references of WO 9852045A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 9852045 A1 19981119; AU 3128497 A 19981208; EP 0981750 A1 20000301; JP 2001509253 A 20010710; JP 4225576 B2 20090218

DOCDB simple family (application)

US 9708284 W 19970514; AU 3128497 A 19970514; EP 97926543 A 19970514; JP 51978498 A 19970514