Title (en)

NON-CONTINUOUS IMMUNOASSAY DEVICE AND IMMUNOASSAY METHOD USING THE SAME

Title (de)

VORRICHTUNG FÜR EINEN NICHTKONTINUIERLICHEN IMMUNTEST UND IMMUNTESTVERFAHREN UNTER VERWENDUNG DAVON

Title (fr)

DISPOSITIF D'IMMUNODOSAGE NON CONTINU ET MÉTHODE D'IMMUNODOSAGE DOTÉ DUDIT DISPOSITIF

Publication

EP 1844331 A1 20071017 (EN)

Application

EP 05726908 A 20050303

Priority

- KR 2005000591 W 20050303
- KR 20050009677 A 20050202

Abstract (en)

[origin: WO2006083053A1] A non-continuous immunoassay device which includes two or more separated pads for immunoassay analysis, and is capable of controlling the migration speed of a mobile phase between the separated pads, and an immunoassay method using the same are disclosed. The immunoassay device includes a first pad including a sample pad for receiving a liquid sample; a second pad which is spatially separated from the first pad by a predetermined distance, and to which the liquid sample migrates; an upper case for covering the upper parts of the first pad and the second pad; a lower case for covering the lower parts of the first pad and the second pad; and a connecting member which is formed on at least one of the upper case and the lower case, and located between the first pad and the second pad to form a passage for moving the liquid sample.

IPC 8 full level

G01N 33/543 (2006.01); **B01L 3/00** (2006.01); **C07G 11/00** (2006.01); **C12M 1/34** (2006.01); **G01N 1/28** (2006.01); **G01N 33/558** (2006.01)

CPC (source: EP KR US)

A01K 93/00 (2013.01 - KR); **B01L 3/5023** (2013.01 - EP); **G01N 33/54388** (2021.08 - US); **G01N 33/558** (2013.01 - EP); A01K 97/00 (2013.01 - KR); B01L 2200/0621 (2013.01 - EP); B01L 2300/0825 (2013.01 - EP); B01L 2300/087 (2013.01 - EP); B01L 2300/0887 (2013.01 - EP); B01L 2400/0633 (2013.01 - EP)

Designated contracting state (EPC)

BE DE ES FR GB IT

DOCDB simple family (publication)

WO 2006083053 A1 20060810; EP 1844331 A1 20071017; EP 1844331 A4 20081001; KR 100506165 B1 20050805

DOCDB simple family (application)

KR 2005000591 W 20050303; EP 05726908 A 20050303; KR 20050009677 A 20050202