

Title (en)

HIGH DENSITY ION TRANSPORT MEASUREMENT BIOCHIP DEVICES AND METHODS

Title (de)

MESSBIOCHIPVORRICHTUNGEN UND -VERFAHREN FÜR HOCHDICHTEN IONENTRANSPORT

Title (fr)

DISPOSITIFS A BIOPUCES DE MESURE DE TRANSPORT IONIQUE DE HAUTE DENSITE ET PROCEDES

Publication

EP 1910396 A2 20080416 (EN)

Application

EP 05816122 A 20050705

Priority

- US 2005023993 W 20050705
- US 58582204 P 20040706
- US 3301505 A 20050110
- US 15382505 A 20050615

Abstract (en)

[origin: WO2006033696A2] The present invention includes biochips for the measurement of cellular ion channels and methods of use and manufacture. The biochips of the present invention have enhanced sealing capabilities provided in part by chemically modifying the surface of the biochip surface or substrate or by exposure to an ionized gas. The present invention also includes novel cartridges for biochips.

IPC 8 full level

C07H 21/04 (2006.01)

CPC (source: EP)

G01N 33/48728 (2013.01); **G01N 33/54366** (2013.01)

Citation (search report)

See references of WO 2006033696A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2006033696 A2 20060330; WO 2006033696 A3 20061221; CA 2573025 A1 20060330; EP 1910396 A2 20080416

DOCDB simple family (application)

US 2005023993 W 20050705; CA 2573025 A 20050705; EP 05816122 A 20050705