Title (en)

DYNAMIC MONITORING OF CELL ADHESION AND SPREADING USING THE RT-CES SYSTEM

Title (de)

DYNAMISCHE ÜBERWACHUNG VON ZELLADHÄSION UND -VERTEILUNG MITHILFE DES RT-CES-SYSTEMS

Title (fr)

SURVEILLANCE DYNAMIQUE DE L'ADHESION ET DE LA DIFFUSION CELLULAIRE A L'AIDE DU SYSTEME RT-CES

Publication

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Application

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- US 61374904 P 20040927
- US 61387204 P 20040927
- US 61460104 P 20040929
- US 98773204 A 20041112
- US 2004037696 W 20041112
- US 63007104 P 20041122
- US 63013104 P 20041122
- US 63080904 P 20041124
- US 63301904 P 20041203
- US 64718905 P 20050126
- US 64715905 P 20050126
- US 64707505 P 20050126
- US 5563905 A 20050209
- US 2005004481 W 20050209
- US 65390405 P 20050217
- US 66082905 P 20050310
- US 66089805 P 20050310
- US 67367805 P 20050421
- US 68942205 P 20050610
- US 19883105 A 20050804
- US 2005027943 W 20050804
- US 2005027891 W 20050804
- US 19799405 A 20050804

Abstract (en)

[origin: WO2006036952A2] The present invention includes devices and methods for dynamically monitoring cell adhesion and cell spreading. Cells are added to a microelectronic cell sensor array operably connected to an impedance analyzer. The device also includes a coating including biological molecule or organic compound capable of interacting with the cell. Cell adhesion and cell mobility is determined by detecting changes in impedance and comparing impedance or cell index values between samples.

IPC 8 full level

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Citation (search report)

- [XI] WO 2004010103 A2 20040129 - ACEA BIOSCIENCES INC [US], et al
- See references of WO 2006036952A2

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DOCDB simple family (publication)

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