

Title (en)

DEVICE AND METHOD FOR MONITORING LEUKOCYTE MIGRATION

Title (de)

VORRICHTUNG UND VERFAHREN ZUR BERWACHUNG DER LEUKOZYTENWANDERUNG

Title (fr)

DISPOSITIF ET PROCEDE POUR SURVEILLER LA MIGRATION DES LEUCOCYTES

Publication

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Application

EP 03774884 A 20031021

Priority

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Abstract (en)

[origin: WO2004038367A2] The present invention discloses a device for monitoring chemotaxis or chemovasion. The present invention further provides a flexible assay system and numerous assays that can be used to test biological interactions and systems. Laminar flow gradients are employed that mimic gradient situations present in vivo.

IPC 8 full level

G01N 33/50 (2006.01); **A01N 1/02** (2006.01); **B01L 3/00** (2006.01); **C12M 1/00** (2006.01); **C12M 1/34** (2006.01); **C12N 5/08** (2006.01);
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IPC 8 main group level

G01N (2006.01)

CPC (source: EP)

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B01L 2300/0681 (2013.01); **B01L 2300/0829** (2013.01)

Citation (search report)

- [X] WO 9852691 A1 19981126 - ALBERTA RES COUNCIL [CA], et al
- [X] WO 0073799 A1 20001207 - CALIPER TECHN CORP [US], et al
- [X] JEON N L ET AL: "Neutrophil chemotaxis in linear and complex gradients of interleukin-8 formed in a microfabricated device", NATURE BIOTECHNOLOGY, NATURE PUBLISHING GROUP, NEW YORK, NY, US, vol. 20, 1 July 2002 (2002-07-01), pages 826 - 830, XP002978726, ISSN: 1087-0156
- See references of WO 2004038368A2

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DOCDB simple family (publication)

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CA 2503186 A1 20040506; CA 2503203 A1 20040506; EP 1558076 A2 20050803; EP 1558076 A4 20070321; EP 1578194 A2 20050928;
EP 1578194 A4 20070321; JP 2006503581 A 20060202; JP 2006507815 A 20060309; WO 2004038368 A2 20040506;
WO 2004038368 A3 20040729

DOCDB simple family (application)

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