

Title (en)
SMALL MOLECULES AND PROTEIN ANALYSIS DEVICES BASED ON MOLECULAR IMPRINTED POLYMERS

Title (de)
ANALYSEGERÄTE FÜR KLEINE MOLEKÜLE UND PROTEINE AUF DER BASIS VON MOLEKULAR GEPRÄGTEN POLYMEREN

Title (fr)
DISPOSITIFS D'ANALYSE DE PETITES MOLÉCULES ET DE PROTÉINES À PARTIR DE POLYMÈRES À EMPREINTES MOLÉCULAIRES

Publication
EP 2245135 A4 20110112 (EN)

Application
EP 08868717 A 20081228

Priority

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- US 1682907 P 20071227
- US 2746208 P 20080210

Abstract (en)
[origin: WO2009083975A2] Devices, methods and kits for rapid and simple determination of target molecules, including small molecules, polypeptides, proteins, cells and infectious disease agents in liquid samples that are capable of real-time measurement of these entities in fluid samples that are highly selective, highly sensitive, simple to operate, low cost, and portable. The devices, methods and kits also provide, in at least some embodiments, the use of MIPs in a flow through or lateral flow device.

IPC 8 full level
C12M 1/00 (2006.01); **G01N 33/543** (2006.01); **G01N 33/558** (2006.01)

CPC (source: EP US)
G01N 33/54306 (2013.01 - EP); **G01N 33/54366** (2013.01 - EP); **G01N 33/54388** (2021.08 - EP US); **G01N 2600/00** (2013.01 - EP)

Citation (search report)

- [X] US 6461873 B1 20021008 - CATANIA DANIEL [US], et al
- [XPL] WO 2008007359 A2 20080117 - INFIGO DIAGNOSTICS LTD [IL], et al
- [X] WO 0212888 A2 20020214 - 8SENS BIOGNOSTIC AG [DE], et al
- [A] WO 0190228 A1 20011129 - MOSBACH KLAUS [SE], et al
- [X] MCNIVEN SCOTT ET AL: "Chloramphenicol sensor based on an in situ imprinted polymer", ANALYTICA CHIMICA ACTA, vol. 365, no. 1-3, 5 June 1998 (1998-06-05), pages 69 - 74, XP002610931, ISSN: 0003-2670
- [A] ANSELL ET AL: "Molecularly imprinted polymers for the enantioseparation of chiral drugs", ADVANCED DRUG DELIVERY REVIEWS, ELSEVIER BV, AMSTERDAM, NL, vol. 57, no. 12, 6 December 2005 (2005-12-06), pages 1809 - 1835, XP025283962, ISSN: 0169-409X, [retrieved on 20051206], DOI: 10.1016/J.ADDR.2005.07.014
- [A] WELLER M G: "Immunochromatographic techniques--a critical review", FRESENIUS JOURNAL OF ANALYTICAL CHEMISTRY, SPRINGER, BERLIN, DE, vol. 366, no. 6-7, 1 March 2000 (2000-03-01), pages 635 - 645, XP009097371, ISSN: 0937-0633, DOI: 10.1007/S002160051558

Cited by
US11327075B2; US11828755B2; US11287426B2; US11885803B2; US11209427B2; US11867693B2; US9823247B2; US10006911B2; US10359423B2; US10578616B2; US11635432B2

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DOCDB simple family (publication)
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DOCDB simple family (application)
IL 2008001688 W 20081228; CN 200880126888 A 20081228; EP 08868717 A 20081228; JP 2010540221 A 20081228