

Title (en)

DETECTION OF BIOLOGICAL THREAT AGENTS

Title (de)

DETEKTION VON EINE BIOLOGISCHE BEDROHUNG DARSTELLENDE MITTELN

Title (fr)

DETECTION D'AGENTS DE MENACE BIOLOGIQUE

Publication

**EP 1549785 A2 20050706 (EN)**

Application

**EP 03796339 A 20030922**

Priority

- US 0329588 W 20030922
- US 41263202 P 20020920

Abstract (en)

[origin: WO2004031721A2] Methods and devices are provided for detecting and confirming the identity of analytes such as threat agents, particularly analytes which are air or fluid borne. The methods comprise providing an affinity reagent having a known charge density in a medium which is capable of conducting electrical current. Analyte identity is probed by controlled manipulation of the charge density of the affinity reagent-analyte complex using a variety of methods.

IPC 1-7

**C25B 9/04**; **C25B 1/00**; **C12N 1/00**; **G01N 27/00**; **G01N 27/416**; **G01N 25/22**; **G01N 33/53**

IPC 8 full level

**C12N 1/00** (2006.01); **C25B 1/00** (2006.01); **C25B 9/04** (2006.01); **G01N 25/22** (2006.01); **G01N 27/00** (2006.01); **G01N 27/416** (2006.01); **G01N 33/53** (2006.01); **G01N 33/543** (2006.01)

IPC 8 main group level

**G01N** (2006.01)

CPC (source: EP)

**B82Y 15/00** (2013.01); **B82Y 30/00** (2013.01); **G01N 33/54373** (2013.01)

Citation (search report)

See references of WO 2004031721A2

Cited by

CN102937673A

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**WO 2004031721 A2 20040415**; **WO 2004031721 A3 20040701**; AU 2003298588 A1 20040423; AU 2003298588 A8 20040423; CA 2503163 A1 20040415; EP 1549785 A2 20050706

DOCDB simple family (application)

**US 0329588 W 20030922**; AU 2003298588 A 20030922; CA 2503163 A 20030922; EP 03796339 A 20030922