

Title (en)

DIFFERENTIALLY FLUORESCENT YEAST BIOSENSORS FOR THE DETECTION AND BIODEGRADATION OF CHEMICAL AGENTS

Title (de)

DIFFERENTIELL FLUORESZIERENDE HEFEBIOSENSOREN ZUR ERKENNUNG UND ZUM BIOLOGISCHEN ABBAU CHEMISCHER MITTEL

Title (fr)

BIOPAPTEURS FLUORESCENTS DIFFÉRENTIELS À LEVURE POUR LA DÉTECTION ET LA BIODÉGRADATION D'AGENTS CHIMIQUES

Publication

EP 1963538 A2 20080903 (EN)

Application

EP 06851299 A 20061129

Priority

- US 2006045761 W 20061129
- US 74088705 P 20051130

Abstract (en)

[origin: WO2007145661A2] The present disclosure provides methods, devices, systems and compositions for detecting and/or modifying chemical agents. In some embodiments, a biosensor may be configured to detect a chemical agent, modify that agent to a form with reduced toxicity, and and/or detect the modified form of the chemical agent.

IPC 8 full level

C12Q 1/68 (2006.01)

CPC (source: EP)

C12Q 1/025 (2013.01)

Citation (search report)

See references of WO 2007145661A2

Citation (examination)

GOFFEAU A ET AL: "LIFE WITH 6000 GENES", SCIENCE, AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE, WASHINGTON, DC; US LNKD- DOI:10.1126/SCIENCE.274.5287.546, vol. 274, 25 October 1996 (1996-10-25), pages 546,563 - 567, XP002070912, ISSN: 0036-8075

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

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

WO 2007145661 A2 20071221; WO 2007145661 A3 20080410; EP 1963538 A2 20080903; JP 2009518006 A 20090507

DOCDB simple family (application)

US 2006045761 W 20061129; EP 06851299 A 20061129; JP 2008543437 A 20061129