

Title (en)

SENSORS EMPLOYING COMBINATORIAL ARTIFICIAL RECEPTORS

Title (de)

KOMBINATORISCHE KÜNSTLICHE REZEPTOREN VERWENDENDE SENSOREN

Title (fr)

DETECTEURS EMPLOYANT DES RECEPTEURS ARTIFICIELS COMBINES

Publication

EP 1664780 A2 20060607 (EN)

Application

EP 04809692 A 20040903

Priority

- US 2004029122 W 20040903
- US 50008103 P 20030903
- US 49996503 P 20030903
- US 49975203 P 20030903
- US 52670803 P 20031202
- US 52719003 P 20031202
- US 52670303 P 20031202
- US 52669903 P 20031202
- US 52651103 P 20031202

Abstract (en)

[origin: WO2005036175A2] The present invention relates to sensors and sensor systems that utilize combinational artificial receptors. Embodiments of the present invention employ combinatorial artificial receptors in electromagnetic (e.g. optical) and electrochemical sensors.

IPC 1-7

G01N 33/543

IPC 8 full level

B01J 19/00 (2006.01); **G01N 33/543** (2006.01); **G01N 33/566** (2006.01); **G01N 33/68** (2006.01)

CPC (source: EP)

B01J 19/0046 (2013.01); **B82Y 5/00** (2013.01); **B82Y 10/00** (2013.01); **B82Y 15/00** (2013.01); **B82Y 30/00** (2013.01); **C07K 14/705** (2013.01);
C40B 80/00 (2013.01); **G01N 33/54373** (2013.01); **G01N 33/5438** (2013.01); **B01J 2219/00524** (2013.01); **B01J 2219/00527** (2013.01);
B01J 2219/00576 (2013.01); **B01J 2219/00605** (2013.01); **B01J 2219/00612** (2013.01); **B01J 2219/00626** (2013.01); **B01J 2219/00659** (2013.01);
B01J 2219/00702 (2013.01); **B01J 2219/00722** (2013.01); **B01J 2219/00725** (2013.01); **B01J 2219/00731** (2013.01); **B01J 2219/00738** (2013.01)

Citation (search report)

See references of WO 2005036175A2

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 PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2005036175 A2 20050421; WO 2005036175 A3 20050609; WO 2005036175 A9 20050512; CA 2537308 A1 20050421;
CN 1879020 A 20061213; CN 1879020 B 20101103; EP 1664780 A2 20060607; JP 2007504462 A 20070301

DOCDB simple family (application)

US 2004029122 W 20040903; CA 2537308 A 20040903; CN 200480032890 A 20040903; EP 04809692 A 20040903; JP 2006525521 A 20040903