

Title (en)

COMPOSITIONS AND METHODS FOR CONTROLLING INSECTS RELATED TO THE OCTOPAMINE RECEPTOR

Title (de)

ZUSAMMENSETZUNGEN UND VERFAHREN ZUR BEKÄMPFUNG VON INSEKTEN UNTER BETEILIGUNG DES OCTOPAMIN-REZEPTORS

Title (fr)

COMPOSITIONS ET METHODES DE LUTTE CONTRE LES INSECTES ASSOCIEES AU RECEPTEUR DE L'OCTOPAMINE

Publication

**EP 1737478 A2 20070103 (EN)**

Application

**EP 05728601 A 20050321**

Priority

- US 2005009223 W 20050321
- US 55496804 P 20040319

Abstract (en)

[origin: WO2005092016A2] A screening method for identifying compounds that are effective insect control agents includes providing cells expressing an octopamine receptor, adding the compounds to the cells, and measuring the effects of the compounds and compositions. The effects of the compounds may be determined by measuring the binding affinity of the compounds to the octopamine receptor or measuring the change in intracellular cAMP or Ca<sup>2+</sup> levels.

IPC 8 full level

**C07K 14/435** (2006.01); **G01N 33/50** (2006.01)

CPC (source: EP)

**C07K 14/43577** (2013.01); **C07K 14/43581** (2013.01); **G01N 33/5085** (2013.01); **G01N 33/5088** (2013.01); **G01N 33/566** (2013.01); **G01N 33/74** (2013.01); **G01N 33/9413** (2013.01); **G01N 2500/00** (2013.01)

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 MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2005092016 A2 20051006**; **WO 2005092016 A3 20060323**; AU 2005226676 A1 20051006; AU 2005226676 B2 20090730; CA 2563886 A1 20051006; EP 1737478 A2 20070103; EP 1737478 A4 20080903; NZ 550426 A 20090531; ZA 200608396 B 20090225

DOCDB simple family (application)

**US 2005009223 W 20050321**; AU 2005226676 A 20050321; CA 2563886 A 20050321; EP 05728601 A 20050321; NZ 55042605 A 20050321; ZA 200608396 A 20061006