

Title (en)  
METHODS AND COMPOSITIONS FOR GENERATING BIOACTIVE ASSEMBLIES OF INCREASED COMPLEXITY AND USES

Title (de)  
VERFAHREN UND ZUSAMMENSETZUNGEN ZUM ERZEUGEN BIOAKTIVER GRUPPEN VON ERHÖHTER KOMPLEXITÄT SOWIE IHRE VERWENDUNG

Title (fr)  
PROCÉDÉS ET COMPOSITIONS PERMETTANT DE PRODUIRE DES ENSEMBLES BIOACTIFS DE COMPLEXITÉ AUGMENTÉE ET UTILISATIONS

Publication  
**EP 1937851 A2 20080702 (EN)**

Application  
**EP 06785922 A 20060629**

Priority

- US 2006025499 W 20060629
- US 72829205 P 20051019
- US 75119605 P 20051216
- US 78233206 P 20060314
- US 38935806 A 20060324
- US 2006010762 W 20060324
- US 39158406 A 20060328
- US 2006012084 W 20060329

Abstract (en)  
[origin: WO2007046893A2] The present invention concerns methods and compositions for making and using bioactive assemblies of defined compositions, which may have multiple functionalities and/or binding specificities. In particular embodiments, the bioactive assembly is formed using dock-and-lock (DNL) methodology, which takes advantage of the specific binding interaction between dimerization and docking domains (DDD) and anchoring domains (AD) to form the assembly. In various embodiments, one or more effectors may be attached to a DDD or AD sequence. Complementary AD or DDD sequences may be attached to an adaptor module that forms the core of the bioactive assembly, allowing formation of the assembly through the specific DDD/AD binding interactions. Such assemblies may be attached to a wide variety of effector moieties for treatment, detection and/or diagnosis of a disease, pathogen infection or other medical or veterinary condition.

IPC 8 full level  
**A61K 47/48** (2006.01); **C07K 16/28** (2006.01)

CPC (source: EP)  
**A61K 47/6849** (2017.07); **A61P 1/04** (2017.12); **A61P 1/06** (2017.12); **A61P 3/10** (2017.12); **A61P 5/00** (2017.12); **A61P 7/00** (2017.12); **A61P 7/02** (2017.12); **A61P 7/06** (2017.12); **A61P 9/12** (2017.12); **A61P 11/00** (2017.12); **A61P 11/06** (2017.12); **A61P 13/12** (2017.12); **A61P 17/00** (2017.12); **A61P 17/06** (2017.12); **A61P 19/00** (2017.12); **A61P 19/02** (2017.12); **A61P 21/00** (2017.12); **A61P 21/04** (2017.12); **A61P 25/00** (2017.12); **A61P 25/28** (2017.12); **A61P 27/02** (2017.12); **A61P 27/06** (2017.12); **A61P 31/00** (2017.12); **A61P 35/00** (2017.12); **A61P 37/00** (2017.12); **A61P 37/06** (2017.12); **C07K 16/2881** (2013.01); **C07K 2317/55** (2013.01); **C07K 2319/00** (2013.01); **C07K 2319/30** (2013.01)

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CN108289920A; US7878978B2; US8602998B2

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 2007046893 A2 20070426; WO 2007046893 A3 20090423**; AU 2006302848 A1 20070426; AU 2006302848 B2 20120223; AU 2006302848 C1 20120802; CA 2607056 A1 20070426; CA 2607056 C 20151124; EP 1937851 A2 20080702; EP 1937851 A4 20100825; JP 2009517337 A 20090430; JP 5231231 B2 20130710

DOCDB simple family (application)  
**US 2006025499 W 20060629**; AU 2006302848 A 20060629; CA 2607056 A 20060629; EP 06785922 A 20060629; JP 2008536564 A 20060629