

Title (en)  
Luciferase biosensor

Title (de)  
LUCIFERASE BIOSENSOR

Title (fr)  
Biocapteur à la luciférase

Publication  
**EP 2308978 B8 20150408 (EN)**

Application  
**EP 10182746 A 20041001**

Priority  
• EP 04809862 A 20041001  
• US 51018703 P 20031010

Abstract (en)  
[origin: WO2005038029A2] A modified beetle luciferase protein which is an environmentally sensitive reporter protein is provided.

IPC 8 full level  
**C12N 15/53** (2006.01); **C07H 21/04** (2006.01); **C12N 5/06** (2006.01); **C12N 9/02** (2006.01); **C12N 9/06** (2006.01); **C12Q 1/66** (2006.01); **C12Q 1/68** (2006.01); **G01N 33/573** (2006.01)

CPC (source: EP US)  
**C12N 9/0069** (2013.01 - EP US); **C12Q 1/66** (2013.01 - EP US); **C07K 2319/20** (2013.01 - EP US); **C07K 2319/21** (2013.01 - EP US); **C07K 2319/23** (2013.01 - EP US); **G01N 2500/04** (2013.01 - EP US)

Cited by  
US9790537B2; US9927430B2; US9840730B2; US9938564B2; US9951373B2; US10774364B2; US11661623B2

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 2005038029 A2 20050428; WO 2005038029 A3 20060316**; CA 2541765 A1 20041001; EP 1673459 A2 20060628; EP 1673459 B1 20120627; EP 2298902 A1 20110323; EP 2298902 B1 20150422; EP 2308978 A1 20110413; EP 2308978 B1 20150225; EP 2308978 B8 20150408; JP 2007508014 A 20070405; JP 2011135892 A 20110714; JP 2015023877 A 20150205; JP 5781789 B2 20150924; US 2005153310 A1 20050714; US 2012214677 A1 20120823; US 2014273156 A1 20140918; US 8183036 B2 20120522; US 8673558 B2 20140318; US 9290745 B2 20160322

DOCDB simple family (application)  
**US 2004032705 W 20041001**; CA 2541765 A 20041001; EP 04809862 A 20041001; EP 10182742 A 20041001; EP 10182746 A 20041001; JP 2006534242 A 20041001; JP 2011043966 A 20110301; JP 2014224633 A 20141104; US 201213454464 A 20120424; US 201414180451 A 20140214; US 95743304 A 20041001