

Title (en)

METHOD FOR PRODUCING SUBSTITUTED-2-NITROGUANIDINE DERIVATIVES

Title (de)

VERFAHREN ZUR HERSTELLUNG VON SUBSTITUIERTEN 2-NITROGUANIDINDERIVATEN

Title (fr)

PROCEDE DE PRODUCTION DE DERIVES DE 2-NITROGUANIDINE SUBSTITUES

Publication

**EP 1005455 A1 20000607 (DE)**

Application

**EP 98946337 A 19980814**

Priority

- CH 193497 A 19970818
- EP 9805166 W 19980814

Abstract (en)

[origin: WO9909008A1] The invention relates to a method for producing an organic compound of formula (I) and optionally its E/Z-isomers, E/Z-isomer mixtures and/or tautomers, each in free or salt form, R1 representing hydrogen or C1-C4 alkyl, R2 representing hydrogen, C1-C6 alkyl, C3-C6 cycloalkyl or a radical -CH<sub>2</sub>B, Het representing an unsubstituted or substituted heterocyclic radical and B representing phenyl, 3-pyridyl or thiazolyl, these being optionally substituted. The invention is characterised in that a compound of formula (IIa) Q-A-Q, wherein A represents a direct bond or an organic radical, or of formula (IIb), wherein U represents an organic radical, Q representing (1) in the compounds (IIa) and (IIb) and R1, R2 and Het having the meaning given above for formula (I), and optionally their E/Z-isomers, E/Z-isomer mixtures and/or tautomers, each in free or salt form are hydrolysed. The invention also relates to a method for producing compounds of formulae (IIa), (IIb), (IIIa) and (IIIb), and to a method for combating pests with compounds of formulae (IIa) and (IIb).

IPC 1-7

**C07D 213/40; C07D 213/61; C07D 213/89; C07D 261/08; C07D 277/28; C07D 277/32; C07D 307/14; C07D 251/08; C07D 401/14; C07D 405/14; C07D 413/14; C07D 417/14**

IPC 8 full level

**C07D 213/40** (2006.01); **C07D 213/61** (2006.01); **C07D 213/89** (2006.01); **C07D 251/08** (2006.01); **C07D 261/08** (2006.01); **C07D 261/10** (2006.01); **C07D 277/20** (2006.01); **C07D 277/28** (2006.01); **C07D 277/32** (2006.01); **C07D 307/14** (2006.01); **C07D 401/14** (2006.01); **C07D 405/14** (2006.01); **C07D 213/36** (2006.01); **C07D 413/14** (2006.01); **C07D 417/14** (2006.01)

CPC (source: EP KR US)

**C07D 213/38** (2013.01 - KR); **C07D 213/40** (2013.01 - EP US); **C07D 213/61** (2013.01 - EP KR US); **C07D 213/89** (2013.01 - EP KR US); **C07D 251/08** (2013.01 - EP KR US); **C07D 261/08** (2013.01 - EP US); **C07D 261/10** (2013.01 - KR); **C07D 277/28** (2013.01 - EP US); **C07D 277/32** (2013.01 - EP KR US); **C07D 307/14** (2013.01 - EP KR US); **C07D 401/14** (2013.01 - EP KR US); **C07D 405/14** (2013.01 - EP US); **C07D 413/14** (2013.01 - EP KR US); **C07D 417/14** (2013.01 - EP KR US)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)

**WO 9909008 A1 19990225**; AU 738428 B2 20010920; AU 9342398 A 19990308; BR 9811912 A 20000815; CA 2300808 A1 19990225; CN 1271345 A 20001025; EP 1005455 A1 20000607; HU P0003497 A2 20010228; HU P0003497 A3 20021128; ID 23446 A 20000420; IL 134549 A0 20010430; JP 2001515065 A 20010918; KR 20010022974 A 20010326; PL 338645 A1 20001106; RU 2202544 C2 20030420; UA 69387 C2 20040915; US 2003130520 A1 20030710; US 6462043 B1 20021008

DOCDB simple family (application)

**EP 9805166 W 19980814**; AU 9342398 A 19980814; BR 9811912 A 19980814; CA 2300808 A 19980814; CN 98809327 A 19980814; EP 98946337 A 19980814; HU P0003497 A 19980814; ID 20000317 A 19980814; IL 13454998 A 19980814; JP 2000509692 A 19980814; KR 20007001582 A 20000216; PL 33864598 A 19980814; RU 2000106433 A 19980814; UA 00020845 A 19980814; US 22618102 A 20020822; US 48587300 A 20000216