

Title (en)  
TRIAZOLOPYRIMIDINES

Title (de)  
TRIAZOLOPYRIMIDINE

Title (fr)  
TRIAZOLOPYRIMIDINES

Publication  
**EP 1490370 A2 20041229 (DE)**

Application  
**EP 03708201 A 20030310**

Priority  
• DE 10212886 A 20020322  
• EP 0302413 W 20030310

Abstract (en)  
[origin: WO03080614A2] The invention relates to novel triazolopyrimidines of formula (I), in which R1 represents amino, or represents optionally substituted alkyl, alkenyl, alkynyl, cycloalkyl, alkoxy, alkenyloxy, alkynyloxy, cycloalkyloxy, alkylamino, dialkylamino, alkenylamino, alkynylamino, cycloalkylamino, N-cycloalkyl-N-alkylamino, alkylidenamino or heterocyclyl, R2 represents hydrogen or optionally substituted alkyl, alkenyl, alkynyl or cycloalkyl, or R1 and R2, together with the nitrogen atom, to which they are bonded, form an optionally substituted heterocyclic ring, R3 represents an optionally mono to tetrasubstituted aryl, R4 represents halogen, cyano or optionally substituted alkoxy or dialkylamino and X represents halogen. The invention also relates to a method for producing said novel substances and to their use for combating undesired microorganisms. The invention further relates to novel intermediate products of formulas (II), (IV) and (VIa), in addition to methods for the production thereof.

IPC 1-7  
**C07D 487/04**; **A01N 43/00**

IPC 8 full level  
**C07D 487/04** (2006.01); **A01N 25/30** (2006.01); **A01N 43/00** (2006.01); **A01N 43/90** (2006.01); **C07D 249/10** (2006.01); **C07D 249/14** (2006.01)

CPC (source: EP US)  
**C07D 249/10** (2013.01 - EP US); **C07D 487/04** (2013.01 - EP US)

Citation (search report)  
See references of WO 03080614A2

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 PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 03080614 A2 20031002**; **WO 03080614 A3 20040108**; AU 2003212322 A1 20031008; AU 2003212322 A8 20031008;  
DE 10212886 A1 20031002; EP 1490370 A2 20041229; JP 2005528364 A 20050922; PL 372462 A1 20050725; US 2005222173 A1 20051006

DOCDB simple family (application)  
**EP 0302413 W 20030310**; AU 2003212322 A 20030310; DE 10212886 A 20020322; EP 03708201 A 20030310; JP 2003578368 A 20030310;  
PL 37246203 A 20030310; US 50840205 A 20050322