

Title (en)  
2-(PYRIDIN-2-YL)-PYRIMIDINES FOR USE AS FUNGICIDES

Title (de)  
2-(PYRIDIN-2-YL)-PYRIMIDINE ALS FUNGIZIDE

Title (fr)  
2-(PYRIDINE-2-YL)-PYRIMIDINES UTILISÉES COMME FONGICIDES

Publication  
**EP 2010515 A1 20090107 (DE)**

Application  
**EP 07727984 A 20070411**

Priority  
• EP 2007053516 W 20070411  
• EP 06007744 A 20060412  
• EP 07727984 A 20070411

Abstract (en)  
[origin: WO2007116079A1] The invention relates to 2-(pyridin-2-yl)-pyrimidines of formula (I) and their use in the control of parasitic fungi and to herbicides that contain said compounds as an effective ingredient thereof. In formula (I), Q represents a condensed, saturated five-, six- or seven-membered carbocycle or five-, six- or seven-membered heterocycle which, in addition to the carbon ring members, has one or two heteroatoms selected from oxygen and sulfur as the ring members, the carbocycle and the heterocycle being unsubstituted or having 1, 2, 3 or 4 C<SUB>1</SUB>-C<SUB>4</SUB> alkyl groups as the substituents; R<SUP>1</SUP> represents hydrogen, OH, C<SUB>1</SUB>-C<SUB>4</SUB> alkyl, C<SUB>1</SUB>-C<SUB>4</SUB> alkoxy, C<SUB>1</SUB>-C<SUB>4</SUB> halogenalkyl, C<SUB>1</SUB>-C<SUB>4</SUB> halogenalkoxy or halogen; R<SUP>2</SUP> represents hydrogen, NO<SUB>2</SUB>, halogen, C<SUB>1</SUB>-C<SUB>6</SUB> alkyl, C<SUB>3</SUB>-C<SUB>6</SUB> cycloalkyl, C<SUB>1</SUB>-C<SUB>6</SUB> alkoxy, C<SUB>1</SUB>-C<SUB>6</SUB> halogenalkyl or C<SUB>1</SUB>-C<SUB>6</SUB> halogenalkoxy; R<SUP>3</SUP> represents hydrogen, halogen, C<SUB>1</SUB>-C<SUB>4</SUB> alkyl, C<SUB>1</SUB>-C<SUB>4</SUB> alkoxy, C<SUB>1</SUB>-C<SUB>4</SUB> halogenalkyl or C<SUB>1</SUB>-C<SUB>4</SUB> halogenalkoxy; R<SUP>4</SUP> has phenyl, 5-membered heteroaryl which has 1, 2, 3 or 4 nitrogen atoms or 1 heteroatom selected from oxygen and sulfur and optionally 1, 2 or 3 nitrogen atoms as the ring atoms, or 6-membered hetaryl, which has 1, 2, 3 or 4 nitrogen atoms as the ring members, wherein phenyl, 5- and 6-membered hetaryl may have 1, 2, 3 or 4 substituents R<SUP>a</SUP>.

IPC 8 full level  
**C07D 401/04** (2006.01); **A01N 43/54** (2006.01); **A01N 43/90** (2006.01); **C07D 401/14** (2006.01); **C07D 405/14** (2006.01); **C07D 409/14** (2006.01); **C07D 491/048** (2006.01); **C07D 491/052** (2006.01); **C07D 491/056** (2006.01)

CPC (source: EP KR US)  
**A01N 43/54** (2013.01 - EP KR US); **A01N 43/90** (2013.01 - EP US); **C07D 401/04** (2013.01 - EP KR US); **C07D 401/14** (2013.01 - EP US); **C07D 405/14** (2013.01 - EP KR US); **C07D 409/14** (2013.01 - EP US); **C07D 491/04** (2013.01 - EP US); **C07D 491/056** (2013.01 - KR)

Citation (search report)  
See references of WO 2007116079A1

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 MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK RS

DOCDB simple family (publication)  
**WO 2007116079 A1 20071018**; AR 060438 A1 20080618; AU 2007235863 A1 20071018; BR PI0710010 A2 20110802; CA 2647945 A1 20071018; CN 101460475 A 20090617; CR 10344 A 20081029; EA 200802052 A1 20090428; EC SP088805 A 20081127; EP 2010515 A1 20090107; IL 194549 A0 20090803; JP 2009534318 A 20090924; KR 20090006191 A 20090114; MA 30397 B1 20090504; ME P27208 A 20100610; MX 2008012513 A 20081010; NZ 571611 A 20110630; TW 200808760 A 20080216; UA 89000 C2 20091210; US 2009105072 A1 20090423; ZA 200809557 B 20100127

DOCDB simple family (application)  
**EP 2007053516 W 20070411**; AR P070101568 A 20070412; AU 2007235863 A 20070411; BR PI0710010 A 20070411; CA 2647945 A 20070411; CN 200780020400 A 20070411; CR 10344 A 20081006; EA 200802052 A 20070411; EC SP088805 A 20081008; EP 07727984 A 20070411; IL 19454908 A 20081006; JP 2009504737 A 20070411; KR 20087027565 A 20081111; MA 31354 A 20081104; ME P27208 A 20070411; MX 2008012513 A 20070411; NZ 57161107 A 20070411; TW 96112734 A 20070411; UA A200812906 A 20070411; US 22586207 A 20070411; ZA 200809557 A 20081110