

Title (en)

PYRIDINE-2,3-DICARBOXYLIC ACID DIAMIDES

Title (de)

PYRIDIN-2,3-DICARBONSÄUREDIAMIDE

Title (fr)

DIAMIDES D'ACIDE PYRIDIN-2,3-DICARBOXYLIQUE

Publication

**EP 1165515 A1 20020102 (DE)**

Application

**EP 00925152 A 20000331**

Priority

- DE 19914721 A 19990331
- EP 0002899 W 20000331

Abstract (en)

[origin: WO0059868A1] The invention relates to substituted aniline compounds of formula (1), wherein R<21>, R<22> and R<23> have the meanings cited in the description. The inventive compounds are intermediate products used producing herbicidally active pyridine dicarboxylic acid amide compounds.

IPC 1-7

**C07D 213/82; C07D 405/12; A01N 43/40**

IPC 8 full level

**A01N 43/40** (2006.01); **A01N 43/42** (2006.01); **A01N 43/76** (2006.01); **C07D 213/81** (2006.01); **A01N 43/78** (2006.01); **C07C 229/56** (2006.01); **C07C 237/30** (2006.01); **C07C 251/48** (2006.01); **C07C 253/20** (2006.01); **C07C 255/58** (2006.01); **C07D 209/38** (2006.01); **C07D 213/82** (2006.01); **C07D 213/89** (2006.01); **C07D 265/26** (2006.01); **C07D 317/58** (2006.01); **C07D 401/12** (2006.01); **C07D 405/12** (2006.01); **C07D 413/12** (2006.01); **C07D 413/14** (2006.01); **C07D 417/14** (2006.01)

CPC (source: EP KR US)

**A01N 43/40** (2013.01 - EP US); **C07C 229/56** (2013.01 - EP US); **C07C 237/30** (2013.01 - EP US); **C07C 251/48** (2013.01 - EP KR US); **C07C 255/58** (2013.01 - EP US); **C07D 213/82** (2013.01 - EP US); **C07D 213/89** (2013.01 - EP US); **C07D 317/58** (2013.01 - EP US); **C07D 401/12** (2013.01 - EP US); **C07D 405/12** (2013.01 - EP US)

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**WO 0059868 A1 20001012;** AT E244699 T1 20030715; AU 3817000 A 20001023; AU 4397200 A 20001016; AU 773857 B2 20040610; BG 105922 A 20020531; BR 0009410 A 20020213; BR 0009411 A 20020108; CA 2368451 A1 20001005; CA 2368703 A1 20001012; CN 1345304 A 20020417; CN 1349507 A 20020515; CZ 20013469 A3 20020417; CZ 20013472 A3 20020515; DE 50002836 D1 20030814; EA 200100921 A1 20020425; EP 1165496 A1 20020102; EP 1165496 B1 20030709; EP 1165515 A1 20020102; ES 2203443 T3 20040416; HU 0200705 D0 20020328; HU P0200705 A2 20020729; HU P0200705 A3 20021228; HU P0201968 A2 20020928; HU P0201968 A3 20050728; IL 145164 A0 20020630; IL 145565 A0 20020630; JP 2002540193 A 20021126; JP 2002541134 A 20021203; KR 20010108442 A 20011207; KR 20020020685 A 20020315; MX PA01009733 A 20021104; PL 350769 A1 20030127; PL 351618 A1 20030519; RU 2001126549 A 20030620; SK 13802001 A3 20020604; US 6472349 B1 20021029; US 6683213 B1 20040127; WO 0058288 A1 20001005; ZA 200108891 B 20030129; ZA 200108931 B 20021030

DOCDB simple family (application)

**EP 0002901 W 20000331;** AT 00917030 T 20000331; AU 3817000 A 20000331; AU 4397200 A 20000331; BG 10592201 A 20010919; BR 0009410 A 20000331; BR 0009411 A 20000331; CA 2368451 A 20000331; CA 2368703 A 20000331; CN 00805692 A 20000331; CN 00806959 A 20000331; CZ 20013469 A 20000331; CZ 20013472 A 20000331; DE 50002836 T 20000331; EA 200100921 A 20000331; EP 0002899 W 20000331; EP 00917030 A 20000331; EP 00925152 A 20000331; ES 00917030 T 20000331; HU P0200705 A 20000331; HU P0201968 A 20000331; IL 14516400 A 20000331; IL 14556500 A 20000331; JP 2000607991 A 20000331; JP 2000609381 A 20000331; KR 20017012606 A 20010929; KR 20017012614 A 20010929; MX PA01009733 A 20000331; PL 35076900 A 20000331; PL 35161800 A 20000331; RU 2001126549 A 20000331; SK 13802001 A 20000331; US 93635501 A 20010911; US 93784301 A 20010928; ZA 200108891 A 20011029; ZA 200108931 A 20011030