

Title (en)

METHOD FOR PRODUCING N-SUBSTITUTED 2-PYRAZOLINE-5-ONES

Title (de)

VERFAHREN ZUR HERSTELLUNG N-SUBSTITUIERTER 2-PYRAZOLIN-5-ONE

Title (fr)

PROCEDE POUR PREPARER DES 2-PYRAZOLIN-5-ONES SUBSTITUEES EN N

Publication

EP 1230221 A1 20020814 (DE)

Application

EP 00979592 A 20001117

Priority

- DE 19955800 A 19991119
- EP 0011439 W 20001117

Abstract (en)

[origin: WO0136389A1] The invention relates to a method for producing N-substituted 2-pyrazoline-5-one of the general formula (I), wherein R is defined as per claim 1. Said method is characterised in that a compound of the general formula (II), wherein R, X and Y are defined as per claim 1, is reacted with a molar excess of alkali hydroxide at a high temperature in an aqueous reaction medium and the pH value is subsequently adjusted to <= 6 by adding an acid.

IPC 1-7

C07D 231/20

IPC 8 full level

C07D 231/22 (2006.01); **C07D 231/20** (2006.01)

CPC (source: EP US)

A61P 25/28 (2018.01 - EP); **C07D 231/22** (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 TR

DOCDB simple family (publication)

WO 0136389 A1 20010525; AR 026475 A1 20030212; AU 1702601 A 20010530; CA 2391907 A1 20010525; EP 1230221 A1 20020814; HU P0302107 A2 20030929; HU P0302107 A3 20051028; IL 149265 A0 20021110; JP 2003514800 A 20030422; TW 553935 B 20030921; US 6515139 B1 20030204

DOCDB simple family (application)

EP 0011439 W 20001117; AR P000106016 A 20001115; AU 1702601 A 20001117; CA 2391907 A 20001117; EP 00979592 A 20001117; HU P0302107 A 20001117; IL 14926500 A 20001117; JP 2001538879 A 20001117; TW 89124405 A 20001117; US 12999002 A 20020513