

Title (en)

ALKOXYALKYL-SUBSTITUTED CYCLIC KETO-ENOLS

Title (de)

ALKOXYALKYL-SUBSTITUIERTE CYCLISCHE KETOENOLE

Title (fr)

CÉTOÉNOL CYCLIQUE SUBSTITUÉ PAR UN ALCOXYALKYLE

Publication

EP 2029531 A1 20090304 (DE)

Application

EP 07725451 A 20070523

Priority

- EP 2007004551 W 20070523
- DE 102006025874 A 20060602

Abstract (en)

[origin: WO2007140881A1] The invention relates to novel alkoxyalkyl-substituted cyclic keto-enols of the formula (I) in which A, B, D, G, W, X, Y and Z are each as defined above, to several processes and intermediates for their preparation and to their use as pesticides and/or herbicides and/or microbicides. The invention also relates to selectively herbicidal compositions which comprise firstly alkoxyalkyl-substituted cyclic keto-enols and secondly a compound which improves the crop plant compatibility. The invention further relates to the enhancement of the action of crop protection compositions comprising compounds of the formula (I) by the additions of ammonium or phosphonium salts and optionally penetration enhancers.

IPC 8 full level

C07D 207/36 (2006.01)

CPC (source: EP KR US)

A01N 43/36 (2013.01 - KR); **A61P 33/10** (2017.12 - EP); **A61P 33/14** (2017.12 - EP); **C07D 207/36** (2013.01 - EP KR US)

Citation (search report)

See references of WO 2007140881A1

Citation (examination)

EP 1066258 A1 20010110 - BAYER AG [DE]

Cited by

WO2011098433A1; WO2012110518A1; WO2012110519A1; DE102011080405A1; DE102011080406A1; WO2013017600A1

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)

DE 102006025874 A1 20071206; AR 061162 A1 20080806; BR PI0712498 A2 20120821; CN 101495448 A 20090729;
CN 101495448 B 20140219; EP 2029531 A1 20090304; JP 2009538844 A 20091112; JP 5337025 B2 20131106; KR 20090018668 A 20090220;
MX 2008015313 A 20081212; TW 200817325 A 20080416; US 2009298828 A1 20091203; US 8173697 B2 20120508;
WO 2007140881 A1 20071213

DOCDB simple family (application)

DE 102006025874 A 20060602; AR P070102380 A 20070601; BR PI0712498 A 20070523; CN 200780028108 A 20070523;
EP 07725451 A 20070523; EP 2007004551 W 20070523; JP 2009512461 A 20070523; KR 20087031721 A 20081229;
MX 2008015313 A 20070523; TW 96119628 A 20070601; US 30320607 A 20070523