

Title (en)
INDOLIZINES AS HERBICIDES.

Title (de)
INDOLIZINE ALS HERBIZIDE.

Title (fr)
INDOLIZINES UTILES COMME HERBICIDES.

Publication
EP 0659186 A1 19950628 (EN)

Application
EP 94908879 A 19930812

Priority
• EP 9302132 W 19930812
• GB 9219141 A 19920910

Abstract (en)
[origin: WO9405662A1] A herbicidal composition comprising a compound of formula (I) or a tautomer or a quaternised derivative thereof where Y is a group of formula -CR1=CR2-CO- and R1, R2, R3, R4 and R5 are independently selected from hydrogen; optionally substituted alkyl; optionally alkenyl; optionally substituted alkynyl; optionally substituted aryl; optionally substituted aromatic heterocyclic; halo; nitro; cyano; a group OR6 where R6 is hydrogen or a salt thereof, carboxy or an ester thereof, optionally substituted alkyl, optionally substituted alkenyl, optionally substituted alkynyl, or optionally substituted aryl; carboxy or a salt, ester or amide derivative thereof; S(O)nR7 where n is 0, 1 or 2 and R7 is optionally alkyl, optionally substituted alkenyl, optionally substituted alkynyl or optionally substituted aryl; NR8R9 where R8 and R9 are independently selected from hydrogen, optionally substituted alkyl, optionally substituted alkenyl, optionally substituted alkynyl or optionally substituted aryl and R9 may additionally be acyl, or R8 and R9 together with the nitrogen atom to which they are attached form a heterocyclic ring; or R1 and R2 and/or any adjacent two of R3, R4 and R5 together with the carbon atoms to which they are attached form an optionally substituted fused saturated or unsaturated carbocyclic or heterocyclic ring; in combination with a carrier or diluent.

IPC 1-7
C07D 471/04; **C07D 471/14**; **A01N 43/90**

IPC 8 full level
A01N 43/90 (2006.01); **C07D 471/04** (2006.01); **C07D 471/14** (2006.01)

CPC (source: EP KR)
A01N 43/90 (2013.01 - EP KR); **C07D 471/04** (2013.01 - EP KR); **C07D 471/14** (2013.01 - EP KR)

Citation (search report)
See references of WO 9405662A1

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 9405662 A1 19940317; AU 4947193 A 19940329; EP 0659186 A1 19950628; GB 9219141 D0 19921028; GB 9316218 D0 19930922; JP H08501290 A 19960213; KR 940006467 A 19940425; TW 254940 B 19950821

DOCDB simple family (application)
EP 9302132 W 19930812; AU 4947193 A 19930812; EP 94908879 A 19930812; GB 9219141 A 19920910; GB 9316218 A 19930805; JP 50678794 A 19930812; KR 930018256 A 19930910; TW 82106559 A 19930816