

Title (en)
SUBSTITUTED BENZOTHIOPYRANES SALTS AND THEIR USE AS HERBICIDES

Title (de)
SUBSTITUIERTE BENZOTHIOPYRAN SALZE UND IHRE VERWENDUNG ALS HERBIZIDE

Title (fr)
SELS DE BENZOTHIOPYRANES SUBSTITUES ET LEUR UTILISATION COMME HERBICIDE

Publication
EP 0946540 A1 19991006 (EN)

Application
EP 97952543 A 19971217

Priority

- US 9723469 W 19971217
- US 3389596 P 19961220
- US 5864797 P 19970911

Abstract (en)
[origin: WO9828291A1] Compounds of Formula (I) are disclosed which are useful for controlling undesired vegetation wherein Q is (Q-1) or (Q-2); and R<1>-R<12>, M, m, n, p, q, r, and t are as defined in the disclosure. Also disclosed are compositions containing the compounds of Formula (I) and a method for controlling undesired vegetation which involves contacting the vegetation or its environment with an effective amount of a compound of Formula (I).

IPC 1-7
C07D 335/06; C07D 495/10; C07D 409/06; A01N 43/18; A01N 43/90; A01N 43/56

IPC 8 full level
A01N 43/18 (2006.01); **A01N 43/56** (2006.01); **A01N 43/90** (2006.01); **C07D 335/06** (2006.01); **C07D 409/06** (2006.01); **C07D 495/10** (2006.01)

CPC (source: EP)
A01N 43/18 (2013.01); **A01N 43/56** (2013.01); **A01N 43/90** (2013.01); **C07D 335/06** (2013.01); **C07D 409/06** (2013.01); **C07D 495/10** (2013.01)

Citation (search report)
See references of WO 9828291A1

Cited by
EP2545774A1

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

DOCDB simple family (publication)
WO 9828291 A1 19980702; AU 5612898 A 19980717; CA 2270245 A1 19980702; EP 0946540 A1 19991006; IL 130010 A0 20000601; NO 992629 D0 19990601; NO 992629 L 19990601

DOCDB simple family (application)
US 9723469 W 19971217; AU 5612898 A 19971217; CA 2270245 A 19971217; EP 97952543 A 19971217; IL 13001097 A 19971217; NO 992629 A 19990601