

Title (en)  
FLUOROBUTENYL ESTERS AND THEIR USE FOR CONTROLLING ANIMAL PESTS

Title (de)  
FLUORBUTENYLESTER UND IHRE VERWENDUNG ZUR BEKÄMPFUNG VON TIERISCHEN SCHÄDLINGEN

Title (fr)  
ESTERS DE FLUOROBUTENYLE ET LEUR UTILISATION POUR COMBATTRE LES PARASITES ANIMAUX

Publication  
**EP 0789683 A1 19970820 (DE)**

Application  
**EP 95937045 A 19951102**

Priority  
• DE 4439335 A 19941104  
• EP 9504298 W 19951102  
• US 398795 P 19951006

Abstract (en)  
[origin: WO9614289A1] Fluorobutenyl esters have the formula (I), in which R<1> stands for hydrogen or a halogen, and R<2> stands for one of the groups (a), (b) or (c), in which V, Y, Z, R<3> and R<5> have the meanings given in the description. Also disclosed are a process and intermediate products for preparing said esters, as well as their use for controlling animal pests.

IPC 1-7  
**C07C 69/96**; A01N 47/20; C07C 271/28; A01N 47/06; C07D 295/18; C07C 271/12; C07C 311/53; C07C 271/66; C07C 271/22; C07C 333/20; C07C 329/16

IPC 8 full level  
**A01N 47/06** (2006.01); **A01N 47/12** (2006.01); **A01N 47/16** (2006.01); **A01N 47/20** (2006.01); **A01N 47/24** (2006.01); **C07C 68/02** (2006.01); **C07C 69/96** (2006.01); **C07C 271/12** (2006.01); **C07C 271/14** (2006.01); **C07C 271/22** (2006.01); **C07C 271/24** (2006.01); **C07C 271/28** (2006.01); **C07C 271/66** (2006.01); **C07C 311/53** (2006.01); **C07C 329/02** (2006.01); **C07C 329/06** (2006.01); **C07C 329/12** (2006.01); **C07C 329/16** (2006.01); **C07C 333/20** (2006.01); **C07D 265/30** (2006.01); **C07D 295/18** (2006.01); **C07D 295/185** (2006.01); **C07D 295/20** (2006.01); **C07D 295/205** (2006.01); **C07F 9/40** (2006.01)

IPC 8 main group level  
**C07C** (2006.01)

CPC (source: EP)  
**A01N 47/06** (2013.01); **A01N 47/12** (2013.01); **A01N 47/16** (2013.01); **A01N 47/20** (2013.01); **A01N 47/24** (2013.01); **C07C 69/96** (2013.01); **C07C 271/12** (2013.01); **C07C 271/14** (2013.01); **C07C 271/24** (2013.01); **C07C 271/28** (2013.01); **C07C 271/66** (2013.01); **C07C 311/53** (2013.01); **C07C 329/06** (2013.01); **C07D 295/185** (2013.01); **C07D 295/205** (2013.01); **C07C 2601/14** (2017.04)

Citation (search report)  
See references of WO 9614289A1

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

DOCDB simple family (publication)  
**WO 9614289 A1 19960517**; AU 3927195 A 19960531; BR 9509592 A 19970930; CA 2204241 A1 19960517; CN 1171775 A 19980128; DE 4439335 A1 19960509; EP 0789683 A1 19970820; FI 971863 A0 19970430; FI 971863 A 19970430; HU T77297 A 19980330; JP H10508592 A 19980825; MX 9703193 A 19971129; NO 971767 D0 19970417; NO 971767 L 19970417

DOCDB simple family (application)  
**EP 9504298 W 19951102**; AU 3927195 A 19951102; BR 9509592 A 19951102; CA 2204241 A 19951102; CN 95197158 A 19951102; DE 4439335 A 19941104; EP 95937045 A 19951102; FI 971863 A 19970430; HU 9702041 A 19951102; JP 51503996 A 19951102; MX 9703193 A 19951102; NO 971767 A 19970417