

Title (en)  
Insecticidal and acaricidal agents, their use and methods for their preparation.

Title (de)  
Insektizide und akarizide Mittel, deren Verwendung und Verfahren zu deren Herstellung.

Title (fr)  
Agents insecticides et acaricides, leur utilisation et procédés pour leur préparation.

Publication  
**EP 0000537 A1 19790207 (DE)**

Application  
**EP 78100424 A 19780718**

Priority  
DE 2734108 A 19770728

Abstract (en)  
[origin: US4229445A] A synergistic arthropodicidal composition comprising (a) a benzodioxole derivative of the formula <IMAGE> in which R represents alkyl, alkenyl, alkynyl, aryl or aralkyl, plus (b) at least one compound selected from (A) carbamates, (B) carboxylic acid esters, (C) phosphoric and phosphonic acid esters and (D) halogenoalkanes, and its use in combating arthropods.

Abstract (de)  
Insektizide und akarizide synergistische Wirkstoffkombinationen aus Benzodioxol-Derivaten der Formel <IMAGE> in welcher R für Alkyl, Alkenyl, Alkynyl, Aryl oder Aralkyl steht und A) Carbamaten und/oder B) Carbonsäureestern, einschliesslich der natürlichen sowie synthetischen Pyrethroide, und/oder C) Phosphorsäureester und/oder D) Halogenalkanen.

IPC 1-7  
**A01N 9/02**; **A01N 9/20**; **C07D 317/68**

IPC 8 full level  
**A01N 43/30** (2006.01); **C07D 317/52** (2006.01); **C07D 317/54** (2006.01); **C07D 317/58** (2006.01); **C07D 317/68** (2006.01); **G06F 5/10** (2006.01)

CPC (source: EP US)  
**A01N 43/30** (2013.01 - EP US); **C07D 317/52** (2013.01 - EP US); **C07D 317/54** (2013.01 - EP US); **C07D 317/58** (2013.01 - EP US); **C07D 317/68** (2013.01 - EP US); **G06F 5/10** (2013.01 - EP US)

Citation (search report)  
• [X] NL 7112508 A 19720314 - CIBA GEIGY AG [CH]  
• [A] FR 1441954 A 19660610 - SHELL INT RESEARCH

Cited by  
CN107108425A; JP2018505150A; US10633360B2; WO2016103058A1

Designated contracting state (EPC)  
BE CH DE FR GB NL SE

DOCDB simple family (publication)  
**EP 0000537 A1 19790207**; **EP 0000537 B1 19801210**; AT 360277 B 19801229; AT A544378 A 19800515; AU 3837178 A 19800131; BR 7804832 A 19790410; CS 197328 B2 19800430; DE 2734108 A1 19790208; DE 2860292 D1 19810219; DK 334778 A 19790129; IL 55215 A0 19780929; IT 7826144 A0 19780726; JP S5426330 A 19790227; NZ 187944 A 19800305; PT 68319 A 19780801; TR 19891 A 19800409; US 4229445 A 19801021; ZA 784267 B 19790725

DOCDB simple family (application)  
**EP 78100424 A 19780718**; AT 544378 A 19780726; AU 3837178 A 19780726; BR 7804832 A 19780727; CS 494778 A 19780725; DE 2734108 A 19770728; DE 2860292 T 19780718; DK 334778 A 19780727; IL 5521578 A 19780725; IT 2614478 A 19780726; JP 9056678 A 19780726; NZ 18794478 A 19780725; PT 6831978 A 19780719; TR 1989178 A 19780726; US 92387278 A 19780712; ZA 784267 A 19780727