

Title (en)

COMPOSITIONS COMPRISING 1-SUBSTITUTED AZACYCLOALKANES AND THEIR USES.

Title (de)

ZUSAMMENSETZUNGEN , DIE 1-SUBSTITUIERTE AZACYCLOALKANE ENTHALTEN UND DEREN VERWENDUNGEN.

Title (fr)

COMPOSITIONS COMPRENANT DES AZACYCLOALKANES MONOSUBSTITUES ET LEURS UTILISATIONS.

Publication

EP 0258385 A4 19890412 (EN)

Application

EP 87901793 A 19870129

Priority

US 82504186 A 19860131

Abstract (en)

[origin: WO8704593A1] Compositions comprising a compound having structural formula (I), wherein X is selected from the group consisting of oxygen and sulfur; R' is H or a lower alkyl group having 1-4 carbon atoms; m is 2-6; n is 0-17 and R is -CH₃. The invention also provides compositions comprising a physiologically-active agent and the hereinabove recited 1-substituted azacycloalkane compound in an amount effective to enhance the penetration of the physiologically-active agent through the skin or other membrane of the body of an animal. Other compositions of 1-substituted azacycloalkanes and their uses relate to an improved method of dyeing fibers, improved delivery of plant nutrients, improved plant pest control, improved delivery of plant growth regulations, improved acid-catalyzed conversion of a reactant into a reaction product and an improved insect repellent.

IPC 1-7

A01N 43/00; **A01N 43/04**; **A01N 43/40**; **A01N 43/46**; **A01N 43/54**; **A61K 31/33**; **A61K 31/505**; **A61K 31/55**; **A61K 31/56**; **A61K 31/70**

IPC 8 full level

A01N 43/22 (2006.01); **A01N 37/18** (2006.01); **A61K 47/22** (2006.01); **C05G 3/00** (2006.01); **D06P 1/649** (2006.01)

CPC (source: EP)

A01N 37/18 (2013.01); **A61K 9/0014** (2013.01); **A61K 47/22** (2013.01); **C05G 3/00** (2013.01)

Citation (search report)

- WO 8100038 A1 19810122 - US AGRICULTURE [US]
- US 4356180 A 19821026 - MCGOVERN TERRENCE P, et al
- US 4374851 A 19830222 - HUNT LAWANDA M, et al
- See references of WO 8704593A1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

WO 8704593 A1 19870813; AU 7031887 A 19870825; CA 1298557 C 19920407; EP 0258385 A1 19880309; EP 0258385 A4 19890412; JP S63502590 A 19880929

DOCDB simple family (application)

US 8700189 W 19870129; AU 7031887 A 19870129; CA 528478 A 19870129; EP 87901793 A 19870129; JP 50134087 A 19870129