

Title (en)

AQUEOUS CONCENTRATE PESTICIDAL COMPOSITIONS HAVING IMPROVED DERMAL AND OCULAR SAFETY

Title (de)

WÄSSRIGE PESTIZIDE KONZENTRATZUSAMMENSETZUNGEN, DIE EINE ERHÖHTE HAUT- UND AUGENVERTRÄGLICHKEIT AUFWEISEN

Title (fr)

COMPOSITIONS AQUEUSES CONCENTREES DE PESTICIDE MOINS NOCIVES POUR LES YEUX ET LA PEAU

Publication

EP 1199928 A1 20020502 (EN)

Application

EP 00948692 A 20000717

Priority

- US 0019317 W 20000717
- US 14452899 P 19990719

Abstract (en)

[origin: WO0105225A1] An aqueous concentrate pesticidal composition is provided, comprising (a) a water-soluble pesticide in an amount of about 50 to about 500 g/l; (b) an etheramine surfactant; and (c) an anionic surfactant having the chemical formula (III) $R_{<7>-}(O-R_{<8>})_n-O-X$ where $R_{<7>}$ is a C4-22 linear or branched, saturated or unsaturated, aliphatic hydrocarbyl or a (C8-12 alkyl)phenyl group, $R_{<8>}$ groups are independently C2-4 alkylidene groups, n is 0 to about 60 and X is an anionic radical selected from carboxylate, ether carboxylate, sulfate and phosphate; the weight ratio of the anionic surfactant to the etheramine surfactant being about 1:10 to about 1:1. Compositions of the invention have reduced injuriousness to skin and/or eyes than otherwise similar compositions lacking only the anionic surfactant.

IPC 1-7

A01N 25/30

IPC 8 full level

A01N 25/30 (2006.01); **A01N 33/02** (2006.01); **A01N 25/04** (2006.01); **A01N 33/12** (2006.01); **A01N 37/02** (2006.01); **A01N 37/10** (2006.01); **A01N 37/22** (2006.01); **A01N 37/34** (2006.01); **A01N 37/40** (2006.01); **A01N 39/02** (2006.01); **A01N 39/04** (2006.01); **A01N 43/08** (2006.01); **A01N 43/16** (2006.01); **A01N 43/32** (2006.01); **A01N 43/40** (2006.01); **A01N 43/42** (2006.01); **A01N 43/50** (2006.01); **A01N 43/54** (2006.01); **A01N 43/56** (2006.01); **A01N 43/58** (2006.01); **A01N 43/72** (2006.01); **A01N 43/76** (2006.01); **A01N 43/78** (2006.01); **A01N 43/836** (2006.01); **A01N 43/88** (2006.01); **A01N 47/12** (2006.01); **A01N 47/14** (2006.01); **A01N 47/24** (2006.01); **A01N 47/44** (2006.01); **A01N 55/00** (2006.01); **A01N 55/08** (2006.01); **A01N 57/10** (2006.01); **A01N 57/12** (2006.01); **A01N 57/20** (2006.01); **A01N 57/28** (2006.01); **A01N 59/06** (2006.01); **A01N 59/14** (2006.01); **A01N 59/18** (2006.01); **A01N 59/20** (2006.01); **A01N 59/24** (2006.01)

CPC (source: EP)

A01N 25/30 (2013.01); **A01N 57/20** (2013.01)

C-Set (source: EP)

1. **A01N 57/20** + **A01N 25/30** + **A01N 25/32**
2. **A01N 57/20** + **A01N 2300/00**

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 0105225 A1 20010125; AR 024801 A1 20021023; AU 6215900 A 20010205; BR 0012549 A 20020409; CA 2375949 A1 20010125; CN 1361662 A 20020731; CZ 2002174 A3 20020717; EA 200200180 A1 20020627; EP 1199928 A1 20020502; HU P0202309 A2 20021028; HU P0202309 A3 20021228; JP 2003504381 A 20030204; JP 5529361 B2 20140625; MX PA02000622 A 20020702; ZA 200110533 B 20030324

DOCDB simple family (application)

US 0019317 W 20000717; AR P000103724 A 20000720; AU 6215900 A 20000717; BR 0012549 A 20000717; CA 2375949 A 20000717; CN 00810524 A 20000717; CZ 2002174 A 20000717; EA 200200180 A 20000717; EP 00948692 A 20000717; HU P0202309 A 20000717; JP 2001510303 A 20000717; MX PA02000622 A 20000717; ZA 200110533 A 20011221