

Title (en)
PESTICIDE COMPOSITION AND METHOD FOR CONTROLLING THE MEDITERRANEAN FRUIT FLY AND THE ORIENTAL FRUIT FLY

Title (de)
PESTIZID-ZUSAMMENSETZUNG UND VERFAHREN ZUR BEKÄMPFUNG DER ORIENTALISCHEN UND DER MITTELMEERFRUCHTFLIEGE

Title (fr)
COMPOSITION PESTICIDE ET PROCEDE POUR COMBATTRE LA MOUCHE MEDITERRANEENNE DES FRUITS ET LA MOUCHE ORIENTALE DES FRUITS

Publication
EP 0797385 A4 19980429 (EN)

Application
EP 95944072 A 19951212

Priority
• US 9515962 W 19951212
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• US 41440295 A 19950331

Abstract (en)
[origin: WO9618295A1] A composition and method for eradicating or suppressing a population of Mediterranean fruit flies or oriental fruit flies which introduces substantially minimal safety risks to humans, agriculture and nontargeted living creatures includes: providing an insecticide composition which includes at least one photoactive dye which is preferably a mixture of Phloxine B and uranine; causing the composition to be ingested by the targeted fruit fly population by spraying or providing the insecticide at a location where the fruit flies feed; and whereby ingestion of the photoactive dye component of the composition by a Mediterranean fruit fly or oriental fruit fly causes a toxic quantity of photons to penetrate within the body of the fly.

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A01N 25/00

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Citation (search report)
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• [Y] US 3846557 A 19741105 - MULLA M, et al
• [Y] US 4160824 A 19790710 - INAZUKA SHINICHI, et al
• [X] S. B. KRASNOFF ET AL.: "Light-activated toxicity of Erythrosin B to Apple Maggot (Diptera: Tephritidae) and reevaluation of analytical methods.", PHYSIOL. CHEM. ECOL., vol. 23, no. 3, 1994, pages 738 - 743, XP002055834
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• See references of WO 9618295A1

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