

Title (en)

1-Ethyl-7-chloro-6-fluoro-4-quinolone-3-carboxylic acid, its preparation and application as plant bactericide.

Title (de)

1-Äthyl-7-chlor-6-fluor-4-chinolon-3-carbonsäure, deren Herstellung und Verwendung als Pflanzenbakterizid.

Title (fr)

1-Ethyl-7-chloro-6-fluoro-4-quinolone-3-acide carboxylique, sa préparation et son application comme bactéricide pour plantes.

Publication

EP 0000203 A1 19790110 (DE)

Application

EP 78100280 A 19780629

Priority

- CH 628578 A 19780608
- CH 813077 A 19770701

Abstract (en)

[origin: US4264604A] Phytobactericidal compositions which contain, as active ingredient, a compound of the formula I, or one of the salts thereof, <IMAGE> (I), wherein X represents hydrogen, fluorine or chlorine, and R represents a lower alkyl group, are suitable for combating Erwinia spp., particularly E. amylovora (fireblight on fruit trees) and E. carotovora (soft rot on potatoes and vegetables).

Abstract (de)

Pflanzenbakterizide Mittel, die als Wirkstoff eine Verbindung der Formel I oder eines ihrer Salze enthalten <IMAGE> worin X Wasserstoff, Fluor oder Chlor und R einen niederen Alkylrest bedeuten, eignen sich zur Bekämpfung von Erwinia spp., vor allem E. amylovora (Feuerbrand an Obstbäumen) und E. carotovora (Nassfäule an Kartoffeln und Gemüse).

IPC 1-7

C07D 215/56; A01N 9/22

IPC 8 full level

A01N 43/42 (2006.01); **A01P 1/00** (2006.01); **C07D 215/56** (2006.01)

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Citation (search report)

- US B344479 I5 19750128
- [P] BE 863429 A 19780516 - KYORIN SEIYAKU KK
- CHEMICAL ABSTRACTS, 81, 57742V (1974) "Chemical substance index"; Seite 3753, Spalte 3, Zeile 93.4

Cited by

US4563448A; EP0113091A1; US4563459A; EP0028698A1; EP2579830B1

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