

Title (en)

QUATERNARY AMMONIUM GROUP-CONTAINING POLYMERS HAVING ANTIMICROBIAL ACTIVITY.

Title (de)

QUATERNÄRE AMMONIUMGRUPPE ENTHALTENDE POLYMERE MIT ANTIMIKROBIELLER AKTIVITÄT.

Title (fr)

POLYMERES CONTENANT UN GROUPE D'AMMONIUM QUATERNAIRE ET POSSEDANT UNE ACTIVITE ANTIMICROBIENNE.

Publication

EP 0087473 A4 19840209 (EN)

Application

EP 82903009 A 19820914

Priority

US 30268481 A 19810915

Abstract (en)

[origin: WO8301002A1] Polymeric quaternary ammonium compounds having recurring vinylbenzyl ammonium units. The quaternary ammonium units preferably have 2 alkyl substituents of 1 to 4 carbons and 1 alkyl substituent of 4 to 12 carbons and thus comprise repeat units of the structure <IMAGE> wherein R is a 4 to 12 carbon alkyl, R' and R'' are each 1 to 4 carbon alkyls and X<-> is an anion. These materials have antimicrobial properties and are particularly useful for preserving ophthalmic solutions.

IPC 1-7

A61K 31/74; **A61K 31/14**; **C08F 12/28**

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [X] DE 2438035 A1 19750227 - ICI LTD
- [X] CENTRAL PATENTS INDEX, BASIC ABSTRACTS JOURNAL, Section C, Agdoc, Week C05, March 26, 1980, Derwent Publications Ltd., abstract 08043C/05

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