

Title (en)

Microbial enzymatic contact lens cleaner and methods of use.

Title (de)

Mikrobenenzymatischer Kontaktlinsenreiniger und Verfahren zur Anwendung.

Title (fr)

Produit à base d'enzyme microbien pour le nettoyage des lentilles de contact et méthodes d'utilisation.

Publication

EP 0140669 A1 19850508 (EN)

Application

EP 84307265 A 19841022

Priority

US 54531583 A 19831024

Abstract (en)

Proteinaceous tear films and debris are removed from contact lenses with aqueous solutions of bacterial proteolytic and carbolytic enzymes, principally protease and amylase with or without lipase. The solutions are substantially odor-free, non-allergenic, require no activator/stabilizer and are completely water soluble.

IPC 1-7

G02C 13/00; **A61L 2/18**; **C11D 7/42**; **C11D 3/386**

IPC 8 full level

C11D 3/00 (2006.01); **C11D 3/386** (2006.01); **C11D 7/42** (2006.01); **C11D 17/00** (2006.01); **C12N 9/52** (2006.01); **C12N 9/62** (2006.01); **G02C 7/04** (2006.01); **G02C 13/00** (2006.01)

CPC (source: EP)

C11D 3/0078 (2013.01); **C11D 3/38609** (2013.01)

Citation (search report)

- [XD] US 3590121 A 19710629 - SCHIFF THOMAS, et al
- [Y] GB 1577524 A 19801022 - NOVO LAB INC
- [A] EP 0005131 A2 19791031 - BEDDING PETER MICHAEL JOHN
- [Y] CHEMICAL ABSTRACTS, vol. 73, no. 14, 5th October 1970, no. 73267j, Columbus Ohio (USA);

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DE10005574A1; USRE32672E; US5328846A; GR1001126B; EP0804156A4; US5096607A; EP0384666A3; EP0219220A1; US4670178A

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

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EP 84307265 A 19841022; AU 3454284 A 19841022; CA 465504 A 19841016; DK 507884 A 19841024; ES 537003 A 19841023; JP 22137484 A 19841023; NO 844224 A 19841023