

Title (en)
DISINFECTION AND CLEANING OF CONTACT LENSES

Title (de)
DESINFEKTION UND REINIGUNG VON KONTAKTLINSEN

Title (fr)
DESINFECTION ET NETTOYAGE DE LENTILLES DE CONTACT

Publication
EP 0999857 A1 20000517 (EN)

Application
EP 96931760 A 19960924

Priority
• DK 9600404 W 19960924
• DK 107095 A 19950925
• DK 116895 A 19951016

Abstract (en)
[origin: WO9711722A1] The present invention relates to a one-step method for disinfection and cleaning of contact lenses of the type using hydrogen peroxide as the disinfecting agent and a protease as the cleaning agent, comprising the following steps: a) disinfection of the contact lenses in an aqueous disinfecting solution comprising from 1 wt.% to 5 wt.% hydrogen peroxide at a pH not acceptable to the eyes, b) cleaning the contact lenses by subjecting the contact lenses to a protease being inactivated within a period of time at a pH level not acceptable to the eyes, c) neutralization of the hydrogen peroxide in the aqueous disinfecting solution with a microbial catalase being substantially active at pH 3.0 to 7.0, d) adjusting the pH in the aqueous disinfecting solution to a pH level acceptable to the eyes. Further, the invention relates to a tablet or capsule suitable for one-step disinfection and cleaning, a one-step disinfecting and cleaning system and further a one-step procedure for disinfection and cleaning contact lenses.

IPC 1-7
A61L 2/00

IPC 8 full level
G02C 13/00 (2006.01); **A61L 2/18** (2006.01); **A61L 12/12** (2006.01)

CPC (source: EP)
A61L 12/124 (2013.01); **A61L 12/126** (2013.01)

Citation (search report)
See references of WO 9711722A1

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)
WO 9711722 A1 19970403; AU 698356 B2 19981029; AU 7083696 A 19970417; CA 2231845 A1 19970403; CN 1197397 A 19981028; EP 0999857 A1 20000517; JP H11512834 A 19991102

DOCDB simple family (application)
DK 9600404 W 19960924; AU 7083696 A 19960924; CA 2231845 A 19960924; CN 96197197 A 19960924; EP 96931760 A 19960924; JP 51309097 A 19960924