

Title (en)

IMPROVED METHOD AND APPARATUS FOR THE STERILIZATION OF CONTACT LENSES UTILIZING MECHANICAL AGITATION

Publication

EP 0567561 A4 19931201 (EN)

Application

EP 92904333 A 19920115

Priority

US 64153291 A 19910115

Abstract (en)

[origin: WO9212737A1] Contact lenses are disinfected in a method including treating the contact lenses with an aqueous system of hydrogen peroxide in the presence of a hydrogen peroxide decomposition catalyst, and mechanically agitating the system in order to accelerate decomposition of the hydrogen peroxide. In a preferred embodiment of the method, the initial concentration of hydrogen peroxide in the system is approximately 3-4 % and the mechanical agitation promotes decomposition of the hydrogen peroxide to a concentration of 50 parts per million or less within 6 hours following initial contact of the catalyst with the system. The catalytic decomposition can be performed in a conventional lens sterilization vessel (12) which is secured to a drive mechanism (26) for repeated motion of the reaction vessel (12) in order to maintain continuous agitation of the sterilization system (10) therein.

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A61L 2/18

IPC 8 full level

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CPC (source: EP KR)

A61L 2/00 (2013.01 - KR); **A61L 12/086** (2013.01 - EP); **A61L 12/128** (2013.01 - EP)

Citation (search report)

- [XP] EP 0436466 A2 19910710 - CIBA GEIGY AG [CH]
- See references of WO 9212737A1

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