

Title (en)

BIOCOMPATIBLE OPTICALLY TRANSPARENT POLYMERIC MATERIAL BASED UPON COLLAGEN AND METHOD OF MAKING

Title (de)

BIOLOGISCHVERTRÄGLICHES, OPTISCH TRANSPARENTES POLYMER MATERIAL AUF BASIS VON KOLLAGEN UND VERFAHREN ZU DESSEN HERSTELLUNG

Title (fr)

MATERIAU POLYMERES OPTIQUEMENT TRANSPARENT, BIOCOMPATIBLE, A BASE DE COLLAGENE ET PROCEDE DE FABRICATION

Publication

EP 0830412 A4 19990602 (EN)

Application

EP 96919343 A 19960607

Priority

- US 9610013 W 19960607
- US 48525395 A 19950607
- US 47557895 A 19950607
- US 47557495 A 19950607
- US 48525295 A 19950607

Abstract (en)

[origin: WO9640818A1] The present invention is a biocompatible polymer containing the copolymerization product of a mixture of hydrophobic and hydrophilic acrylic and/or allelic monomers, graft-polymerized with telo-collagen. The present material is useful in the production of deformable lenses, for example, intraocular lenses, refractive intraocular contact lenses, and standard contact lenses useful, for example, for correcting aphakia, myopia and hypermetropia.

IPC 1-7

C08H 1/00

IPC 8 full level

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CPC (source: EP KR)

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Citation (search report)

- [X] EP 0444244 A2 19910904 - AUTOGENESIS TECH INC [US]
- [X] US 5286829 A 19940215 - FEDOROV SVYATOSLAV N [SU], et al
- [X] DATABASE WPI Section Ch Week 8249, Derwent World Patents Index; Class A96, AN 82-06101J, XP002055576
- See references of WO 9640818A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

US 9610013 W 19960607; AU 6170196 A 19960607; CA 2223442 A 19960607; EP 96919343 A 19960607; JP 50215197 A 19960607; KR 19970708642 A 19971201; NZ 31083296 A 19960607