

Title (en)

METHOD FOR PRODUCING AN ARTIFICIAL OCULAR LENS

Title (de)

VERFAHREN ZUM HERSTELLEN EINER KÜNSTLICHEN OKULAREN LINSE

Title (fr)

PROCEDE DE REALISATION D'UNE LENTILLE OCULAIRE ARTIFICIELLE

Publication

EP 1171024 A1 20020116 (DE)

Application

EP 01915269 A 20010216

Priority

- DE 10006896 A 20000216
- EP 0101746 W 20010216

Abstract (en)

[origin: WO0160240A1] The invention relates to a method for producing intraocular lenses or contact lenses. The inventive method comprises the following steps: a) mechanically forming a lens blank in such a way that said blank is suitable for correcting an ametropic defective vision, b) measuring the aberration of an eye to be corrected, c) calculating an ablation profile (62) with regard to the lens blank (60) and on the basis of the measured aberration and d) ablating material of the lens blank according to the calculated ablation profile and by means of laser radiation.

IPC 1-7

A61B 3/103

IPC 8 full level

A61B 3/103 (2006.01)

CPC (source: EP US)

A61B 3/103 (2013.01 - EP US)

Citation (search report)

See references of WO 0160240A1

Designated contracting state (EPC)

DE ES FR IT

DOCDB simple family (publication)

WO 0160240 A1 20010823; AU 4241601 A 20010827; DE 10006896 A1 20010830; EP 1171024 A1 20020116; US 2002154271 A1 20021024; US 6585375 B2 20030701

DOCDB simple family (application)

EP 0101746 W 20010216; AU 4241601 A 20010216; DE 10006896 A 20000216; EP 01915269 A 20010216; US 93789001 A 20011002