

Title (en)

Method for grinding a lens and apparatus thereof.

Title (de)

Verfahren und Vorrichtung zum Schleifen einer Linse.

Title (fr)

Méthode et appareil pour le meulage d'une lentille.

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Application

**EP 90400126 A 19900117**

Priority

JP 946889 A 19890118

Abstract (en)

A lens grinding method of the present invention includes a first step for finding a lens-edge thickness over the entire circumference of a lens-edge vector radius locus of a lens to be cut , a second step for finding a lens-edge vertex position information for dividing the lens-edge into a desired ratio over the entire circumference thereof, and a third step for V-edge edging the lens-edge based on the V-edge vertex position information. Also, a lens grinding apparatus of the present invention includes measuring means (12) for finding a lens-edge thickness over the entire circumference of a lens-edge vector radius locus of a lens to be cut , input means (16) for inputting a desired ratio, calculating means (15) for finding a positional information of a V-edge vertex for dividing the lens-edge at the input ratio over the entire circumference thereof, and controlling means for V-edge edging the lens-edge based on the V-edge vertex positional information. And according to the lens grinding method and the apparatus for carrying out the method, as the lens-edge thickness is measured over the entire circumference of the lens-edge and the movement of the lens in the Z-axis direction is controlled such that the V-edge is formed at a desired ratio over the entire circumference of the lens-edge, the V-edge can be desirably positioned even if a lens having an aspherical refracting surface like a progressive multifocus lens.

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