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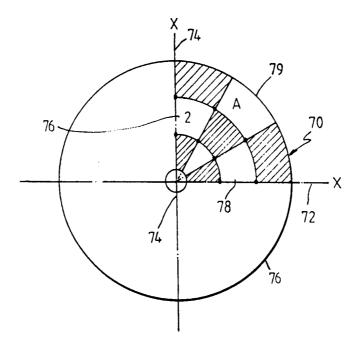
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With international search report.

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(54) Title: A METHOD OF CORNEAL ANALYSIS USING A CHECKERED PLACIDO APPARATUS



#### (57) Abstract

A method for analysis of the curvature of the surface of a comea using a checkered placido comprises projecting the image of the checkered placido onto a patient's cornea, detecting the image of the checkered placido reflected off of the cornea, detecting a plurality of nodal points from the reflected image, determining the mean curvature at a plurality of nodal points and analyzing the mean curvature at a plurality of nodal points in order to produce a graphic display of the estimated actual curvature of the comea.

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International application No. PCT/US97/19487

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US CL :351/247, 246, 212, 211, 221, 206, 205, 200 According to International Patent Classification (IPC) or to both national classification and IPC									
B. FIELDS SEARCHED									
Minimum documentation searched (classification system followed by classification symbols)									
U.S. : 351/247, 246, 212, 211, 221, 206, 205, 200									
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched none									
Electronic d	lata base consulted during the international search (na	me of data base and, where practicable.	search terms used)						
none		•	,						
C. DOCUMENTS CONSIDERED TO BE RELEVANT									
Category*	Citation of document, with indication, where ap	propriets of the relevant persugar	Relevant to claim No.						
Category									
A	US 5,159,361 A (Cambier et al.) 27 C	1-9							
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