Title: OPHTHALMIC INSTRUMENTS CAPABLE OF MEASURING ABERRATIONS

Abstract: Adaptive optics based ophthalmic instruments for use in examining or treating the eye (1), including ophthalmic examination instruments (50) such as phoropters and autorefractors that measure and characterize the surface aberrations of the human eye (1) in order to prescribe compensation for such aberrations via lenses, such as glasses or contact lens, or via surgical procedure such as laser refractive surgery, in addition to ophthalmic imaging instruments such as fundus cameras, corneal topographers, retinal topographers, corneal imaging devices, and retinal imaging devices, that capture images of the eye.
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Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.
INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER
   IPC(7) : A61B 3/10
   US CL : 351/211
   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. : 351/205, 206, 211, 212, 214, 221; 365/511, 512, 515; 606/4, 5

   Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

   Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
   EAST

C. DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
<thead>
<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Y</td>
<td>US 6,050,687 A (BILLE et al) 18 April 2000, see entire document.</td>
<td>62, 65, 84</td>
</tr>
<tr>
<td>A,P</td>
<td>US 6,396,588 B1 (SEI) 28 May 2002, see entire document.</td>
<td>1-165</td>
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<tr>
<td>A</td>
<td>US 6,031,611 A (ROSASKIS et al) 29 February 2000, see entire document.</td>
<td>1-165</td>
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☐ Further documents are listed in the continuation of Box C. ☐ See patent family annex.

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Date of the actual completion of the international search: 26 February 2003 (26.02.2003)

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