Title: INTRAOCULAR VIDEO SYSTEM

Abstract: According to one aspect of the present invention, an intraocular video system (100, 200) includes a contact lens (116, 302), a camera (104, 204, 308), and a display (106, 220). The contact lens (116, 302) is adapted to be carried on a surface of a user's eye. The camera (104, 204, 308) is coupled to the contact lens (116, 302), and is adapted to generate a signal indicative of an image received by the camera (104, 204, 308). The display (106, 220) is positioned within the user's eye and it provides a display image to the retina in the user's eye. The display image is at least in part based upon the signal.
Published: with international search report

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19 April 2007

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: A61F 2/14( 2006.01),2/16( 2006.01),G02C 7/04( 2006.01)
USPC: 623/4.1,6,11,6.22;351/160R,161
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.: 623/4.1,6,11,6.22; 351/160R,161
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)

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>
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<tbody>
<tr>
<td>X</td>
<td>US 2004/0117011 A1 (AHARONI et al) 17 June 2004 (17.06.2004), figure 1 and paragraphs 32-37,40-50.</td>
<td>1-7,10,12-14,18-28</td>
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<td>X</td>
<td>US 5,653,751 A (SAMNY et al) 05 August 1997 (05.08.1997), see figure 7 and col. 7 line 40-line 62 of col. 8.</td>
<td>1,2,6,10,12,20-25</td>
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Date of the actual completion of the international search

Date of mailing of the international search report
20 DEC 2006

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