ABSTRACT: Embodiments disclosed herein include devices, systems, and methods for detecting eyelid margin contact and blink rates, particularly for diagnosing, measuring, and/or analyzing dry eye conditions and symptoms. The apparatus and methods for detecting eyelid margin contact and blink rates, particularly for diagnosing, measuring, and/or analyzing dry eye conditions and symptoms may employ ocular surface interferometry (OSI) devices or other imaging and display devices capable of imaging and displaying a picture of a patient's eye during blink rate related procedures.
INTERNATIONAL SEARCH REPORT

International application No. PCT/US2014/06541

A. CLASSIFICATION OF SUBJECT MATTER
IPC(8) - A61B 3/4 (2015.01)
CPC - A61B 3/101 (2015.01)
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)
IPC(8) - G06T 7/20; A61B 3/14, 3/13/2015.01
CPC - A61B 3/101, 3/1103, G06T 7/0012 (2015.01)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
USPC - 382/128, 351/206, 221 (keyword delimited)

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
PatBase, Google Patents, Google Scholar
Search terms used: tear film blink rate, complete blink vs partial blinks, dry eye blink ratio

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>X</td>
<td>WO 2013/166477 A2 (TEARSCIENCE INC) 07 November 2013 (07.11.2013) entire document</td>
<td>1-42</td>
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Further documents are listed in the continuation of Box C.

Date of the actual completion of the international search: 20 January 2015
Date of mailing of the international search report: 19 FEB 2015

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