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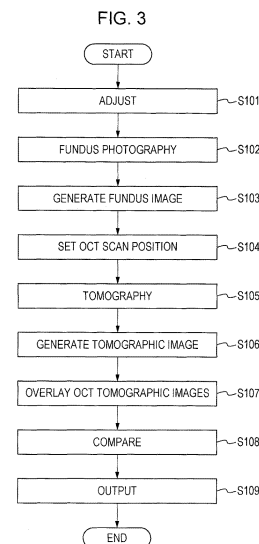
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US 20130188134 A1 US 20120249954 A1  
US 20110267340 A1 US 20090268162 A1  
WO2007/058895A2  
WO2009/141769A1  
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(54) Title of the Invention: **Image processing apparatus and image processing method**  
Abstract Title: **Image processing apparatus and image processing method**

(57) To provide pathological support for users to effectively perform follow up on diseases, using polarization information obtained from polarization-sensitive tomographic images. An image processing apparatus includes a positioning unit (195) configured to position multiple polarization-sensitive tomographic images corresponding to multiple tomographic luminance images, based on the plurality of tomographic luminance images obtained by photographing an object at different times; and a comparing unit (196) configured to compare the plurality of polarization-sensitive tomographic images which are positioned.



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