

Title (en)  
EYE IMAGING APPARATUS AND SYSTEMS

Title (de)  
AUGENABBILDUNGSVORRICHTUNG UND SYSTEME

Title (fr)  
APPAREIL ET SYSTÈMES D'IMAGERIE OCULAIRE

Publication  
**EP 3119267 A4 20171122 (EN)**

Application  
**EP 14886157 A 20140319**

Priority  
US 2014031263 W 20140319

Abstract (en)  
[origin: WO2015142331A1] Various embodiments of an eye imaging apparatus are disclosed. In some embodiments, the eye imaging apparatus may comprise a light source, an image sensor, a hand-held computing device, and an adaptation module. The adaptation module comprises a microcontroller and a signal processing unit configured to adapt the hand-held computing device to control the light source and the image sensor. In some embodiments, the imaging apparatus may comprise an exterior imaging module to image an anterior segment of the eye and/or a front imaging module to image a posterior segment of the eye. The eye imaging apparatus may be used in an eye imaging medical system. The images of the eye may be captured by the eye imaging apparatus, transferred to an image computing module, stored in an image storage module, and displayed in an image review module.

IPC 8 full level  
**A61B 3/10** (2006.01); **A61B 3/14** (2006.01)

CPC (source: EP)  
**A61B 3/1208** (2013.01); **A61B 3/132** (2013.01); **A61B 3/14** (2013.01); **A61B 8/10** (2013.01)

Citation (search report)  
• [XY] WO 2004017825 A1 20040304 - TOPCON CORP [JP], et al  
• [E] EP 2975998 A1 20160127 - VISUNEX MEDICAL SYSTEMS CO LTD [KY]  
• [Y] US 8672851 B1 20140318 - QUIRK WILLIAM [US], et al  
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• See references of WO 2015142331A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2015142331 A1 20150924; WO 2015142331 A8 20161020**; AU 2014386780 A1 20160929; CA 2942009 A1 20150924;  
CN 106455969 A 20170222; EP 3119267 A1 20170125; EP 3119267 A4 20171122

DOCDB simple family (application)  
**US 2014031263 W 20140319**; AU 2014386780 A 20140319; CA 2942009 A 20140319; CN 201480078946 A 20140319;  
EP 14886157 A 20140319