

Title (en)  
THROUGH FOCUS RETINAL IMAGE CAPTURING

Title (de)  
RETINALE BILDERFASSUNG MIT DURCHFOKUS

Title (fr)  
CAPTURE D'IMAGE RÉTINIENNE À FOYER TRAVERSANT

Publication  
**EP 3654826 A4 20210324 (EN)**

Application  
**EP 18834961 A 20180716**

Priority  
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Abstract (en)  
[origin: WO2019018258A1] An apparatus for producing a non-mydratic fundus image is disclosed. The apparatus can include a processor and memory, as well as an illumination component and a camera with a variable focus lens. The apparatus can be configured to adjust the focus of the lens to a plurality of different diopter ranges and capture at least one image at each of the plurality of different diopter ranges. Using the captured images, three-dimensional maps of the fundus may be generated. Three-dimensional maps of the fundus may be used to screen or diagnose various diseases.

IPC 8 full level  
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Citation (search report)  
• [XY] US 2016249804 A1 20160901 - WANG YNJIUN PAUL [US]  
• [Y] WO 2016070781 A1 20160512 - SUZHOU SIYUAN KEAN INFORMATION TECHNOLOGY CO LTD [CN]  
• [Y] CN 1704017 A 20051207 - NI WEIMIN [CN]  
• See references of WO 2019018258A1

Designated contracting state (EPC)  
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