

Title (en)  
PORTABLE EYE TRACKING DEVICE

Title (de)  
TRAGBARE AUGENVERFOLGUNGSVORRICHTUNG

Title (fr)  
DISPOSITIF DE SUIVI OCULAIRE PORTATIF

Publication  
**EP 3563217 A1 20191106 (EN)**

Application  
**EP 17783654 A 20170927**

Priority  
• US 201615277225 A 20160927  
• US 2017053670 W 20170927

Abstract (en)  
[origin: WO2018064141A1] A portable eye tracker device is disclosed which includes a frame, at least one optics holding member, a movement sensor, and a control unit. The frame may be a frame adapted for wearing by a user. The at least one optics holding member may include at least one illuminator configured to selectively illuminate at least a portion of at least one eye of the user, and at least one image sensor configured to capture image data representing images of at least a portion of at least one eye of the user. The movement sensor may be configured to detect movement of the frame. The control unit may be configured to control the at least one illuminator for the selective illumination of at least a portion of at least one eye of the user, receive the image data from the image sensors, and receive information from the movement sensor.

IPC 8 full level  
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CPC (source: EP)  
**G02B 27/0093** (2013.01); **G02B 27/017** (2013.01); **G06F 3/011** (2013.01); **G06F 3/013** (2013.01); **G06F 3/017** (2013.01)

Citation (search report)  
See references of WO 2018064141A1

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DOCDB simple family (publication)  
**WO 2018064141 A1 20180405**; CN 109923499 A 20190621; CN 109923499 B 20220729; EP 3563217 A1 20191106

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