

Title (en)  
DEVICE AND METHOD FOR CAPTURING IMAGES

Title (de)  
VORRICHTUNG UND VERFAHREN ZUR BILDAUFNAHME

Title (fr)  
DISPOSITIF ET PROCÉDÉ D'ACQUISITION D'IMAGE

Publication  
**EP 3394656 A2 20181031 (DE)**

Application  
**EP 16825751 A 20161222**

Priority  
• DE 102015122712 A 20151223  
• EP 2016082347 W 20161222

Abstract (en)  
[origin: WO2017109053A2] A device for capturing images is provided in which an image-capturing device (14) and an illumination device (13) are arranged on the same side of a sample plane (11). The image-capturing device (13) has illumination portions which can be controlled independently of each other, for example individual light sources, in order to make it possible for the sample (12) in the sample plane (11) to be illuminated at different angles and/or from different directions. In this way, a plurality of images can be captured with different illumination situations which can be combined into a resulting image having improved properties.

IPC 8 full level  
**G02B 21/08** (2006.01); **G02B 21/10** (2006.01)

CPC (source: EP US)  
**G02B 21/0064** (2013.01 - US); **G02B 21/0068** (2013.01 - US); **G02B 21/084** (2013.01 - EP US); **G02B 21/10** (2013.01 - EP US);  
**G02B 21/125** (2013.01 - EP US); **G02B 27/1066** (2013.01 - US)

Citation (search report)  
See references of WO 2017109053A2

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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**WO 2017109053 A2 20170629; WO 2017109053 A3 20170914**; CN 108474931 A 20180831; CN 108474931 B 20210921;  
DE 102015122712 A1 20170629; DE 102015122712 B4 20230504; EP 3394656 A2 20181031; JP 2018538581 A 20181227;  
JP 6655188 B2 20200226; US 10948705 B2 20210316; US 2019004304 A1 20190103

DOCDB simple family (application)  
**EP 2016082347 W 20161222**; CN 201680075911 A 20161222; DE 102015122712 A 20151223; EP 16825751 A 20161222;  
JP 2018532742 A 20161222; US 201616065263 A 20161222